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APPENDIX A

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

WORK ORDER #: 0405241

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500-37290 Omega
DATE RECEIVED:	05/14/2004	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/20/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-AA-FS-08-051104	Modified TO-15 SIM	15.0 "Hg
02A	OC-AA-FS-09-051104	Modified TO-15 SIM	7.5 "Hg
03A	OC-AA-FS-10-051104	Modified TO-15 SIM	6.0 "Hg
04A	OC-AA-FS-11-051104	Modified TO-15 SIM	6.5 "Hg
05A	OC-AA-FS-12-051104	Modified TO-15 SIM	7.5 "Hg
06A	OC-AA-FS-13-051104	Modified TO-15 SIM	6.0 "Hg
07A	OC-AA-FS-14-051104	Modified TO-15 SIM	5.5 "Hg
08A	OC-AA-FS-15-051104	Modified TO-15 SIM	8.0 "Hg
09A	OC-AA-TB-00-051104	Modified TO-15 SIM	29.0 "Hg
10A	OC-AA-FS-01-051104	Modified TO-15 SIM	7.0 "Hg
11A	OC-AA-FS-02-051104	Modified TO-15 SIM	7.0 "Hg
12A	OC-AA-FD-02-051104	Modified TO-15 SIM	5.5 "Hg
13A	OC-AA-FS-03-051104	Modified TO-15 SIM	8.0 "Hg
14A	OC-AA-FS-04-051104	Modified TO-15 SIM	8.0 "Hg
14AA	OC-AA-FS-04-051104 Duplicate	Modified TO-15 SIM	8.0 "Hg
15A	OC-AA-FS-05-051104	Modified TO-15 SIM	7.5 "Hg
15AA	OC-AA-FS-05-051104 Duplicate	Modified TO-15 SIM	7.5 "Hg

Continued on next page

WORK ORDER #: 0405241

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500-37290 Omega
DATE RECEIVED:	05/14/2004	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/20/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
16A	OC-AA-FD-04-051104	Modified TO-15 SIM	2.5 "Hg
17A	OC-AA-FS-06-051104	Modified TO-15 SIM	7.5 "Hg
18A	OC-AA-FS-07-051104	Modified TO-15 SIM	6.0 "Hg
19A	OC-AA-FD-07-051104	Modified TO-15 SIM	6.0 "Hg
20A	Lab Blank	Modified TO-15 SIM	NA
20B	Lab Blank	Modified TO-15 SIM	NA
20C	Lab Blank	Modified TO-15 SIM	NA
20D	Lab Blank	Modified TO-15 SIM	NA
20E	Lab Blank	Modified TO-15 SIM	NA
21A	CCV	Modified TO-15 SIM	NA
21B	CCV	Modified TO-15 SIM	NA
21C	CCV	Modified TO-15 SIM	NA
21D	CCV	Modified TO-15 SIM	NA
21E	CCV	Modified TO-15 SIM	NA
22A	LCS	Modified TO-15 SIM	NA
22B	LCS	Modified TO-15 SIM	NA
22C	LCS	Modified TO-15 SIM	NA
22D	LCS	Modified TO-15 SIM	NA
22E	LCS	Modified TO-15 SIM	NA

CERTIFIED BY: Linda D. Frumarn DATE: 05/20/04

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 SIM
CDM
Workorder# 0405241

Nineteen 6 Liter Summa Canister (SIM Certified) samples were received on May 14, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode. The method involves concentrating up to 0.5 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	+- 30% Difference.	All compounds </= 30 %D with 10% of the compound list not to exceed 40 %D; associated samples will be reported with flags.
Lab Blank	Humid Zero Air	Dry UHP Nitrogen
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Ethyl Benzene, m,p- and o-Xylene: 91, Methylene Chloride: 49, cis and trans-1,2-Dichloroethene, and 1,1-Dichloroethene: 61, 2-Butanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Ethyl Benzene, m,p- and o-Xylene: 106, Methylene Chloride: 84, cis and trans-1,2-Dichloroethene, and 1,1-Dichloroethene: 98, 2-Butanone: 72.
ICAL %RSD acceptance criteria	< 30 % RSD (TO-14A). +- 30 % RSD, with 2 compounds allowed out up to 40 % (TO-15).	</= 30 % RSD for all compounds with 10% of the compounds allowed out to < 40% RSD.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sampling/Concentrator System	Nafion Drier (TO-14A)	Multisorbent Concentrator
Sample Load Volume	400 mL (TO-14A)	Up to 0.5 L.
Blank Acceptance Criteria	< 0.2 ppbv (TO-14A)	< Reporting Limit.
BFB Absolute Abundance Criteria.	Within 10% fo that from the previous day (TO-14A).	CCV internal standard area counts are compared to ICAL; corrective action for > 40 %D.

IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40% of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blanks and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank or media certification greater than reporting lim (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FS-08-051104

Lab ID#: 0405241-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.054	0.51	0.27	2.6
Freon 11	0.054	0.31	0.31	1.7
1,1-Dichloroethene	0.027	0.16	0.11	0.66
Freon 113	0.054	0.23	0.42	1.8
1,1,1-Trichloroethane	0.054	0.21	0.30	1.1
Carbon Tetrachloride	0.054	0.078	0.34	0.50
Benzene	0.13	0.25	0.44	0.82
Trichloroethene	0.054	0.20	0.29	1.1
Toluene	0.054	2.0	0.20	7.8
Tetrachloroethene	0.054	0.17	0.37	1.2
Ethyl Benzene	0.054	0.14	0.24	0.63
m,p-Xylene	0.11	0.45	0.47	2.0
o-Xylene	0.054	0.17	0.24	0.77
Acetone	1.3	12	3.2	28

Client Sample ID: OC-AA-FS-09-051104

Lab ID#: 0405241-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,1-Dichloroethene	0.36	0.40	1.4	1.6
Freon 113	0.72	0.71 J	5.6	5.6
Toluene	0.72	620	2.7	2400
Tetrachloroethene	0.72	0.87	4.9	6.0
Ethyl Benzene	0.72	11	3.2	48
m,p-Xylene	1.4	61	6.3	270
o-Xylene	0.72	18	3.2	78
Acetone	18	2200 E	43	5400 E

Client Sample ID: OC-AA-FS-10-051104

Lab ID#: 0405241-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.084	0.51 J	0.42	2.6 J
Freon 11	0.084	1.5	0.48	8.7
1,1-Dichloroethene	0.042	1.3	0.17	5.1
Freon 113	0.084	5.1	0.65	40

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FS-10-051104

Lab ID#: 0405241-03A

Carbon Tetrachloride	0.084	0.10	0.54	0.67
Benzene	0.21	0.31	0.68	1.0
Trichloroethene	0.084	0.49	0.46	2.7
Toluene	0.084	1.4	0.32	5.3
Tetrachloroethene	0.084	0.62	0.58	4.3
Ethyl Benzene	0.084	0.18	0.37	0.79
m,p-Xylene	0.17	0.49	0.74	2.2
o-Xylene	0.084	0.20	0.37	0.87
1,4-Dichlorobenzene	0.084	0.15	0.51	0.95
Acetone	2.1	1400 E	5.1	3400 E
Methylene Chloride	0.84	1.1	3.0	3.9

Client Sample ID: OC-AA-FS-11-051104

Lab ID#: 0405241-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.66	0.17	3.3
Freon 11	0.034	1.6	0.20	8.9
1,1-Dichloroethene	0.017	1.6	0.069	6.6
Freon 113	0.034	4.6	0.27	36
Chloroform	0.034	0.041	0.17	0.20
1,1,1-Trichloroethane	0.034	0.038	0.19	0.21
Carbon Tetrachloride	0.034	0.13	0.22	0.80
Benzene	0.086	0.33	0.28	1.1
Trichloroethene	0.034	0.48	0.19	2.6
Toluene	0.034	1.9	0.13	7.3
Tetrachloroethene	0.034	0.89	0.24	6.2
Ethyl Benzene	0.034	0.19	0.15	0.85
m,p-Xylene	0.068	0.60	0.30	2.7
o-Xylene	0.034	0.23	0.15	1.0
Acetone	0.86	16	2.1	39
Methylene Chloride	0.34	1.4	1.2	5.1

Client Sample ID: OC-AA-FS-12-051104

Lab ID#: 0405241-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.036	0.67	0.18	3.4

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FS-12-051104

Lab ID#: 0405241-05A

Freon 11	0.036	0.34	0.20	1.9
1,1-Dichloroethene	0.018	0.037	0.072	0.15
Freon 113	0.036	0.17	0.28	1.3
Carbon Tetrachloride	0.036	0.093	0.23	0.59
Benzene	0.090	0.28	0.29	0.91
Toluene	0.036	1.4	0.14	5.5
Tetrachloroethene	0.036	0.080	0.25	0.55
Ethyl Benzene	0.036	0.18	0.16	0.79
m,p-Xylene	0.072	0.47	0.32	2.1
o-Xylene	0.036	0.18	0.16	0.80
Acetone	0.90	8.0	2.2	19
Methylene Chloride	0.36	0.60	1.3	2.1

Client Sample ID: OC-AA-FS-13-051104

Lab ID#: 0405241-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.51	0.17	2.6
Freon 11	0.034	0.53	0.19	3.0
1,1-Dichloroethene	0.017	0.67	0.068	2.7
Freon 113	0.034	0.53	0.26	4.1
Chloroform	0.034	0.050	0.17	0.25
1,1,1-Trichloroethane	0.034	0.040	0.19	0.22
Carbon Tetrachloride	0.034	0.091	0.21	0.58
Benzene	0.084	1.8	0.27	6.0
Trichloroethene	0.034	0.17	0.18	0.92
Toluene	0.034	10	0.13	40
Tetrachloroethene	0.034	0.46	0.23	3.2
Ethyl Benzene	0.034	0.99	0.15	4.4
m,p-Xylene	0.067	4.5	0.30	20
o-Xylene	0.034	1.3	0.15	5.6
Acetone	0.84	12	2.0	28
Methylene Chloride	0.34	0.59	1.2	2.1

Client Sample ID: OC-AA-FS-14-051104

Lab ID#: 0405241-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FS-14-051104

Lab ID#: 0405241-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.033	0.54	0.16	2.7
Freon 11	0.033	0.35	0.19	2.0
1,1-Dichloroethene	0.016	0.17	0.066	0.70
Freon 113	0.033	0.21	0.26	1.6
1,1,1-Trichloroethane	0.033	0.038	0.18	0.21
Carbon Tetrachloride	0.033	0.092	0.21	0.59
Benzene	0.082	1.6	0.27	5.1
Trichloroethene	0.033	0.046	0.18	0.25
Toluene	0.033	8.9	0.12	34
Tetrachloroethene	0.033	0.15	0.23	1.0
Ethyl Benzene	0.033	0.86	0.14	3.8
m,p-Xylene	0.066	4.0	0.29	18
o-Xylene	0.033	1.1	0.14	5.0
Acetone	0.82	15	2.0	37
Methylene Chloride	0.33	0.51	1.2	1.8

Client Sample ID: OC-AA-FS-15-051104

Lab ID#: 0405241-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.48	0.92	2.4
Freon 11	0.18	0.30	1.0	1.7
Toluene	0.18	1.6	0.70	6.0
Ethyl Benzene	0.18	0.18 J	0.81	0.79 J
m,p-Xylene	0.37	0.63	1.6	2.8
o-Xylene	0.18	0.26	0.81	1.2
Acetone	4.6	1600 E	11	4000 E

Client Sample ID: OC-AA-TB-00-051104

Lab ID#: 0405241-09A

No Detections Were Found.

Client Sample ID: OC-AA-FS-01-051104

Lab ID#: 0405241-10A

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FS-01-051104

Lab ID#: 0405241-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.83	0.70	4.2
Freon 11	0.14	25	0.80	140
1,1-Dichloroethene	0.070	40	0.28	160
Freon 113	0.14	62	1.1	480
Trichloroethene	0.14	3.4	0.76	19
Toluene	0.14	2.7	0.54	10
Tetrachloroethene	0.14	140	0.96	950
Ethyl Benzene	0.14	0.46	0.62	2.0
m,p-Xylene	0.28	1.5	1.2	6.8
o-Xylene	0.14	0.44	0.62	1.9
Acetone	3.5	15	8.4	35

Client Sample ID: OC-AA-FS-02-051104

Lab ID#: 0405241-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.80	0.88	4.0
Freon 11	0.18	21	1.0	120
1,1-Dichloroethene	0.088	33	0.35	130
Freon 113	0.18	45	1.4	350
Trichloroethene	0.18	2.9	0.96	16
Toluene	0.18	3.1	0.67	12
Tetrachloroethene	0.18	160	1.2	1100
Ethyl Benzene	0.18	0.48	0.77	2.1
m,p-Xylene	0.35	1.5	1.5	6.7
o-Xylene	0.18	0.44	0.77	2.0
Acetone	4.4	8.6	10	21

Client Sample ID: OC-AA-FD-02-051104

Lab ID#: 0405241-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.69	0.82	3.4
Freon 11	0.16	18	0.94	100
1,1-Dichloroethene	0.082	30	0.33	120
Freon 113	0.16	39	1.3	310

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FD-02-051104

Lab ID#: 0405241-12A

Trichloroethene	0.16	2.5	0.90	14
Toluene	0.16	2.7	0.63	10
Tetrachloroethene	0.16	130	1.1	880
Ethyl Benzene	0.16	0.44	0.72	2.0
m,p-Xylene	0.33	1.5	1.4	6.5
o-Xylene	0.16	0.46	0.72	2.0
Acetone	4.1	8.3	9.9	20

Client Sample ID: OC-AA-FS-03-051104

Lab ID#: 0405241-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.51	0.18	2.6
Freon 11	0.037	0.28	0.21	1.6
Freon 113	0.037	0.093	0.28	0.73
Carbon Tetrachloride	0.037	0.092	0.23	0.58
Benzene	0.092	0.33	0.30	1.0
Trichloroethene	0.037	0.042	0.20	0.23
Toluene	0.037	1.3	0.14	5.1
Tetrachloroethene	0.037	0.086	0.25	0.60
Ethyl Benzene	0.037	0.18	0.16	0.78
m,p-Xylene	0.073	0.52	0.32	2.3
o-Xylene	0.037	0.20	0.16	0.87
1,4-Dichlorobenzene	0.037	0.065	0.22	0.40
1,2-Dichlorobenzene	0.037	0.049	0.22	0.30
Acetone	0.92	6.2	2.2	15
1,1,2,2-Tetrachloroethane	0.037	0.057	0.26	0.40

Client Sample ID: OC-AA-FS-04-051104

Lab ID#: 0405241-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.54	0.18	2.7
Freon 11	0.037	0.30	0.21	1.7
1,1-Dichloroethene	0.018	0.040	0.074	0.16
Freon 113	0.037	0.14	0.28	1.1
Carbon Tetrachloride	0.037	0.078	0.23	0.50
Benzene	0.092	0.40	0.30	1.3

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FS-04-051104

Lab ID#: 0405241-14A

Trichloroethene	0.037	0.088	0.20	0.48
Toluene	0.037	1.7	0.14	6.7
Tetrachloroethene	0.037	0.12	0.25	0.86
Ethyl Benzene	0.037	0.33	0.16	1.4
m,p-Xylene	0.073	1.1	0.32	5.0
o-Xylene	0.037	0.43	0.16	1.9
Acetone	0.92	8.0	2.2	19

Client Sample ID: OC-AA-FS-04-051104 Duplicate

Lab ID#: 0405241-14AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.55	0.18	2.8
Freon 11	0.037	0.29	0.21	1.7
1,1-Dichloroethene	0.018	0.046	0.074	0.18
Freon 113	0.037	0.14	0.28	1.1
Carbon Tetrachloride	0.037	0.066	0.23	0.42
Benzene	0.092	0.38	0.30	1.2
Trichloroethene	0.037	0.089	0.20	0.48
Toluene	0.037	1.6	0.14	6.4
Tetrachloroethene	0.037	0.12	0.25	0.82
Ethyl Benzene	0.037	0.32	0.16	1.4
m,p-Xylene	0.073	1.1	0.32	4.8
o-Xylene	0.037	0.42	0.16	1.9
Acetone	0.92	8.2	2.2	20

Client Sample ID: OC-AA-FS-05-051104

Lab ID#: 0405241-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.036	0.58	0.18	2.9
Freon 11	0.036	1.2	0.20	7.0
1,1-Dichloroethene	0.018	5.7	0.072	23
Freon 113	0.036	3.4	0.28	26
Chloroform	0.036	0.048	0.18	0.24
1,1,1-Trichloroethane	0.036	0.082	0.20	0.45
Carbon Tetrachloride	0.036	0.087	0.23	0.56
Benzene	0.090	0.41	0.29	1.3

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FS-05-051104

Lab ID#: 0405241-15A

Trichloroethene	0.036	0.80	0.20	4.4
Toluene	0.036	2.6	0.14	10
Tetrachloroethene	0.036	15	0.25	110
Ethyl Benzene	0.036	0.36	0.16	1.6
m,p-Xylene	0.072	1.2	0.32	5.4
o-Xylene	0.036	0.47	0.16	2.1
1,4-Dichlorobenzene	0.036	0.038	0.22	0.23
Acetone	0.90	17	2.2	41
Methylene Chloride	0.36	0.43	1.3	1.5

Client Sample ID: OC-AA-FS-05-051104 Duplicate

Lab ID#: 0405241-15AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.036	0.54	0.18	2.7
Freon 11	0.036	1.2	0.20	7.0
1,1-Dichloroethene	0.018	5.6	0.072	23
Freon 113	0.036	3.3	0.28	26
Chloroform	0.036	0.050	0.18	0.25
1,1,1-Trichloroethane	0.036	0.084	0.20	0.46
Carbon Tetrachloride	0.036	0.094	0.23	0.60
Benzene	0.090	0.40	0.29	1.3
Trichloroethene	0.036	0.79	0.20	4.3
Toluene	0.036	2.6	0.14	10
Tetrachloroethene	0.036	15	0.25	110
Ethyl Benzene	0.036	0.36	0.16	1.6
m,p-Xylene	0.072	1.2	0.32	5.4
o-Xylene	0.036	0.47	0.16	2.0
1,4-Dichlorobenzene	0.036	0.036	0.22	0.22
Acetone	0.90	17	2.2	40
Methylene Chloride	0.36	0.44	1.3	1.6

Client Sample ID: OC-AA-FD-04-051104

Lab ID#: 0405241-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.029	0.57	0.15	2.9
Freon 11	0.029	0.31	0.17	1.8

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FD-04-051104

Lab ID#: 0405241-16A

1,1-Dichloroethene	0.015	0.029	0.059	0.12
Freon 113	0.029	0.14	0.23	1.1
Carbon Tetrachloride	0.029	0.094	0.19	0.60
Benzene	0.073	0.28	0.24	0.90
Trichloroethene	0.029	0.077	0.16	0.42
Toluene	0.029	0.86	0.11	3.3
Tetrachloroethene	0.029	0.083	0.20	0.57
Ethyl Benzene	0.029	0.11	0.13	0.47
m,p-Xylene	0.058	0.34	0.26	1.5
o-Xylene	0.029	0.12	0.13	0.52
Acetone	0.73	5.8	1.8	14

Client Sample ID: OC-AA-FS-06-051104

Lab ID#: 0405241-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.036	0.53	0.18	2.6
Freon 11	0.036	1.2	0.20	6.9
1,1-Dichloroethene	0.018	5.3	0.072	21
Freon 113	0.036	3.3	0.28	26
Chloroform	0.036	0.047	0.18	0.23
1,1,1-Trichloroethane	0.036	0.088	0.20	0.49
Carbon Tetrachloride	0.036	0.098	0.23	0.62
Benzene	0.090	0.45	0.29	1.4
Trichloroethene	0.036	0.73	0.20	4.0
Toluene	0.036	2.3	0.14	8.7
Tetrachloroethene	0.036	14	0.25	100
Ethyl Benzene	0.036	0.35	0.16	1.5
m,p-Xylene	0.072	1.2	0.32	5.5
o-Xylene	0.036	0.47	0.16	2.1
Acetone	0.90	18	2.2	43
Methylene Chloride	0.36	0.38	1.3	1.4

Client Sample ID: OC-AA-FS-07-051104

Lab ID#: 0405241-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.13	0.45	0.68	2.3

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-FS-07-051104

Lab ID#: 0405241-18A

Freon 11	0.13	2.3	0.77	13
1,1-Dichloroethene	0.067	4.1	0.27	17
Freon 113	0.13	3.8	1.0	30
Benzene	0.34	0.81	1.1	2.6
Trichloroethene	0.13	0.64	0.73	3.5
Toluene	0.13	110	0.51	420
Tetrachloroethene	0.13	2.3	0.93	16
Ethyl Benzene	0.13	2.0	0.59	8.6
m,p-Xylene	0.27	10	1.2	46
o-Xylene	0.13	2.9	0.59	13
Acetone	3.4	460 E	8.1	1100 E

Client Sample ID: OC-AA-FD-07-051104

Lab ID#: 0405241-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.13	0.54	0.68	2.7
Freon 11	0.13	2.4	0.77	14
1,1-Dichloroethene	0.067	4.4	0.27	18
Freon 113	0.13	3.9	1.0	31
Benzene	0.34	0.98	1.1	3.2
Trichloroethene	0.13	0.67	0.73	3.6
Toluene	0.13	120	0.51	440
Tetrachloroethene	0.13	2.4	0.93	17
Ethyl Benzene	0.13	2.1	0.59	9.2
m,p-Xylene	0.27	11	1.2	49
o-Xylene	0.13	3.2	0.59	14
Acetone	3.4	500 E	8.1	1200 E
Methylene Chloride	1.3	1.4	4.7	4.8

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-08-051104

Lab ID#: 0405241-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051442**	**Date of Collection: 5/11/04**	
Dil. Factor:	**2.68**	**Date of Analysis: 5/15/04 01:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.054	0.51	0.27	2.6
Vinyl Chloride	0.027	Not Detected	0.070	Not Detected
Freon 11	0.054	0.31	0.31	1.7
1,1-Dichloroethene	0.027	0.16	0.11	0.66
Freon 113	0.054	0.23	0.42	1.8
1,1-Dichloroethane	0.054	Not Detected	0.22	Not Detected
cis-1,2-Dichloroethene	0.054	Not Detected	0.22	Not Detected
Chloroform	0.054	Not Detected	0.27	Not Detected
1,1,1-Trichloroethane	0.054	0.21	0.30	1.1
Carbon Tetrachloride	0.054	0.078	0.34	0.50
Benzene	0.13	0.25	0.44	0.82
1,2-Dichloroethane	0.054	Not Detected	0.22	Not Detected
Trichloroethene	0.054	0.20	0.29	1.1
trans-1,3-Dichloropropene	0.054	Not Detected	0.25	Not Detected
Toluene	0.054	2.0	0.20	7.8
1,1,2-Trichloroethane	0.054	Not Detected	0.30	Not Detected
Tetrachloroethene	0.054	0.17	0.37	1.2
Chlorobenzene	0.054	Not Detected	0.25	Not Detected
Ethyl Benzene	0.054	0.14	0.24	0.63
m,p-Xylene	0.11	0.45	0.47	2.0
o-Xylene	0.054	0.17	0.24	0.77
1,4-Dichlorobenzene	0.054	Not Detected	0.33	Not Detected
1,2-Dichlorobenzene	0.054	Not Detected	0.33	Not Detected
trans-1,2-Dichloroethene	0.27	Not Detected	1.1	Not Detected
Acetone	1.3	12	3.2	28
Methylene Chloride	0.54	Not Detected	1.9	Not Detected
Methyl tert-butyl ether	0.27	Not Detected	0.98	Not Detected
1,1,2,2-Tetrachloroethane	0.054	Not Detected	0.37	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	109	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-09-051104

Lab ID#: 0405241-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x052008**	**Date of Collection: 5/11/04**	
Dil. Factor:	**35.8**	**Date of Analysis: 5/20/04 02:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.72	Not Detected	3.6	Not Detected
Vinyl Chloride	0.36	Not Detected	0.93	Not Detected
Freon 11	0.72	Not Detected	4.1	Not Detected
1,1-Dichloroethene	0.36	0.40	1.4	1.6
Freon 113	0.72	0.71 J	5.6	5.6
1,1-Dichloroethane	0.72	Not Detected	2.9	Not Detected
cis-1,2-Dichloroethene	0.72	Not Detected	2.9	Not Detected
Chloroform	0.72	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.72	Not Detected	4.0	Not Detected
Carbon Tetrachloride	0.72	Not Detected	4.6	Not Detected
Benzene	1.8	Not Detected	5.8	Not Detected
1,2-Dichloroethane	0.72	Not Detected	2.9	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
trans-1,3-Dichloropropene	0.72	Not Detected	3.3	Not Detected
Toluene	0.72	620	2.7	2400
1,1,2-Trichloroethane	0.72	Not Detected	4.0	Not Detected
Tetrachloroethene	0.72	0.87	4.9	6.0
Chlorobenzene	0.72	Not Detected	3.4	Not Detected
Ethyl Benzene	0.72	11	3.2	48
m,p-Xylene	1.4	61	6.3	270
o-Xylene	0.72	18	3.2	78
1,4-Dichlorobenzene	0.72	Not Detected	4.4	Not Detected
1,2-Dichlorobenzene	0.72	Not Detected	4.4	Not Detected
trans-1,2-Dichloroethene	3.6	Not Detected	14	Not Detected
Acetone	18	2200 E	43	5400 E
Methylene Chloride	7.2	Not Detected	25	Not Detected
Methyl tert-butyl ether	3.6	Not Detected	13	Not Detected
1,1,2,2-Tetrachloroethane	0.72	Not Detected	5.0	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-10-051104

Lab ID#: 0405241-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x052009**	**Date of Collection: 5/11/04**	
Dil. Factor:	**4.20**	**Date of Analysis: 5/20/04 03:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.084	0.51 J	0.42	2.6 J
Vinyl Chloride	0.042	Not Detected	0.11	Not Detected
Freon 11	0.084	1.5	0.48	8.7
1,1-Dichloroethene	0.042	1.3	0.17	5.1
Freon 113	0.084	5.1	0.65	40
1,1-Dichloroethane	0.084	Not Detected	0.34	Not Detected
cis-1,2-Dichloroethene	0.084	Not Detected	0.34	Not Detected
Chloroform	0.084	Not Detected	0.42	Not Detected
1,1,1-Trichloroethane	0.084	Not Detected	0.46	Not Detected
Carbon Tetrachloride	0.084	0.10	0.54	0.67
Benzene	0.21	0.31	0.68	1.0
1,2-Dichloroethane	0.084	Not Detected	0.34	Not Detected
Trichloroethene	0.084	0.49	0.46	2.7
trans-1,3-Dichloropropene	0.084	Not Detected	0.39	Not Detected
Toluene	0.084	1.4	0.32	5.3
1,1,2-Trichloroethane	0.084	Not Detected	0.46	Not Detected
Tetrachloroethene	0.084	0.62	0.58	4.3
Chlorobenzene	0.084	Not Detected	0.39	Not Detected
Ethyl Benzene	0.084	0.18	0.37	0.79
m,p-Xylene	0.17	0.49	0.74	2.2
o-Xylene	0.084	0.20	0.37	0.87
1,4-Dichlorobenzene	0.084	0.15	0.51	0.95
1,2-Dichlorobenzene	0.084	Not Detected	0.51	Not Detected
trans-1,2-Dichloroethene	0.42	Not Detected	1.7	Not Detected
Acetone	2.1	1400 E	5.1	3400 E
Methylene Chloride	0.84	1.1	3.0	3.9
Methyl tert-butyl ether	0.42	Not Detected	1.5	Not Detected
1,1,2,2-Tetrachloroethane	0.084	Not Detected	0.59	Not Detected

J = Estimated value due to bias in the CCV.
E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-11-051104

Lab ID#: 0405241-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051608**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.71**	**Date of Analysis: 5/16/04 02:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.66	0.17	3.3
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	1.6	0.20	8.9
1,1-Dichloroethene	0.017	1.6	0.069	6.6
Freon 113	0.034	4.6	0.27	36
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	0.041	0.17	0.20
1,1,1-Trichloroethane	0.034	0.038	0.19	0.21
Carbon Tetrachloride	0.034	0.13	0.22	0.80
Benzene	0.086	0.33	0.28	1.1
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	0.48	0.19	2.6
trans-1,3-Dichloropropene	0.034	Not Detected	0.16	Not Detected
Toluene	0.034	1.9	0.13	7.3
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	0.89	0.24	6.2
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.19	0.15	0.85
m,p-Xylene	0.068	0.60	0.30	2.7
o-Xylene	0.034	0.23	0.15	1.0
1,4-Dichlorobenzene	0.034	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.69	Not Detected
Acetone	0.86	16	2.1	39
Methylene Chloride	0.34	1.4	1.2	5.1
Methyl tert-butyl ether	0.17	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	111	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-12-051104

Lab ID#: 0405241-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051609**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.79**	**Date of Analysis: 5/16/04 03:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.036	0.67	0.18	3.4
Vinyl Chloride	0.018	Not Detected	0.046	Not Detected
Freon 11	0.036	0.34	0.20	1.9
1,1-Dichloroethene	0.018	0.037	0.072	0.15
Freon 113	0.036	0.17	0.28	1.3
1,1-Dichloroethane	0.036	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.036	Not Detected	0.14	Not Detected
Chloroform	0.036	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.036	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.036	0.093	0.23	0.59
Benzene	0.090	0.28	0.29	0.91
1,2-Dichloroethane	0.036	Not Detected	0.15	Not Detected
Trichloroethene	0.036	Not Detected	0.20	Not Detected
trans-1,3-Dichloropropene	0.036	Not Detected	0.16	Not Detected
Toluene	0.036	1.4	0.14	5.5
1,1,2-Trichloroethane	0.036	Not Detected	0.20	Not Detected
Tetrachloroethene	0.036	0.080	0.25	0.55
Chlorobenzene	0.036	Not Detected	0.17	Not Detected
Ethyl Benzene	0.036	0.18	0.16	0.79
m,p-Xylene	0.072	0.47	0.32	2.1
o-Xylene	0.036	0.18	0.16	0.80
1,4-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Acetone	0.90	8.0	2.2	19
Methylene Chloride	0.36	0.60	1.3	2.1
Methyl tert-butyl ether	0.18	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.036	Not Detected	0.25	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-13-051104

Lab ID#: 0405241-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051610**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.68**	**Date of Analysis: 5/16/04 04:04 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.51	0.17	2.6
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	0.53	0.19	3.0
1,1-Dichloroethene	0.017	0.67	0.068	2.7
Freon 113	0.034	0.53	0.26	4.1
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	0.050	0.17	0.25
1,1,1-Trichloroethane	0.034	0.040	0.19	0.22
Carbon Tetrachloride	0.034	0.091	0.21	0.58
Benzene	0.084	1.8	0.27	6.0
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	0.17	0.18	0.92
trans-1,3-Dichloropropene	0.034	Not Detected	0.16	Not Detected
Toluene	0.034	10	0.13	40
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	0.46	0.23	3.2
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.99	0.15	4.4
m,p-Xylene	0.067	4.5	0.30	20
o-Xylene	0.034	1.3	0.15	5.6
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.84	12	2.0	28
Methylene Chloride	0.34	0.59	1.2	2.1
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-14-051104

Lab ID#: 0405241-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051611**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.64**	**Date of Analysis: 5/16/04 04:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.033	0.54	0.16	2.7
Vinyl Chloride	0.016	Not Detected	0.043	Not Detected
Freon 11	0.033	0.35	0.19	2.0
1,1-Dichloroethene	0.016	0.17	0.066	0.70
Freon 113	0.033	0.21	0.26	1.6
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	Not Detected	0.16	Not Detected
1,1,1-Trichloroethane	0.033	0.038	0.18	0.21
Carbon Tetrachloride	0.033	0.092	0.21	0.59
Benzene	0.082	1.6	0.27	5.1
1,2-Dichloroethane	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	0.046	0.18	0.25
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	8.9	0.12	34
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.15	0.23	1.0
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	0.86	0.14	3.8
m,p-Xylene	0.066	4.0	0.29	18
o-Xylene	0.033	1.1	0.14	5.0
1,4-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.66	Not Detected
Acetone	0.82	15	2.0	37
Methylene Chloride	0.33	0.51	1.2	1.8
Methyl tert-butyl ether	0.16	Not Detected	0.60	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-15-051104

Lab ID#: 0405241-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051709**	**Date of Collection: 5/11/04**	
Dil. Factor:	**9.15**	**Date of Analysis: 5/17/04 04:37 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.48	0.92	2.4
Vinyl Chloride	0.092	Not Detected	0.24	Not Detected
Freon 11	0.18	0.30	1.0	1.7
1,1-Dichloroethene	0.092	Not Detected	0.37	Not Detected
Freon 113	0.18	Not Detected	1.4	Not Detected
1,1-Dichloroethane	0.18	Not Detected	0.75	Not Detected
cis-1,2-Dichloroethene	0.18	Not Detected	0.74	Not Detected
Chloroform	0.18	Not Detected	0.91	Not Detected
1,1,1-Trichloroethane	0.18	Not Detected	1.0	Not Detected
Carbon Tetrachloride	0.18	Not Detected	1.2	Not Detected
Benzene	0.46	Not Detected	1.5	Not Detected
1,2-Dichloroethane	0.18	Not Detected	0.75	Not Detected
Trichloroethene	0.18	Not Detected	1.0	Not Detected
trans-1,3-Dichloropropene	0.18	Not Detected	0.84	Not Detected
Toluene	0.18	1.6	0.70	6.0
1,1,2-Trichloroethane	0.18	Not Detected	1.0	Not Detected
Tetrachloroethene	0.18	Not Detected	1.3	Not Detected
Chlorobenzene	0.18	Not Detected	0.86	Not Detected
Ethyl Benzene	0.18	0.18 J	0.81	0.79 J
m,p-Xylene	0.37	0.63	1.6	2.8
o-Xylene	0.18	0.26	0.81	1.2
1,4-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
1,2-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
trans-1,2-Dichloroethene	0.92	Not Detected	3.7	Not Detected
Acetone	4.6	1600 E	11	4000 E
Methylene Chloride	1.8	Not Detected	6.5	Not Detected
Methyl tert-butyl ether	0.92	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.18	Not Detected	1.3	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-TB-00-051104

Lab ID#: 0405241-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051712**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/17/04 08:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.10	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.16	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.082	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.080	Not Detected
Chloroform	0.020	Not Detected	0.099	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.13	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.082	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.092	Not Detected
Toluene	0.020	Not Detected	0.076	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.094	Not Detected
Ethyl Benzene	0.020	Not Detected	0.088	Not Detected
m,p-Xylene	0.040	Not Detected	0.18	Not Detected
o-Xylene	0.020	Not Detected	0.088	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.71	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.37	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	90	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-01-051104

Lab ID#: 0405241-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051713**	**Date of Collection: 5/11/04**	
Dil. Factor:	**7.00**	**Date of Analysis: 5/17/04 09:40 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.83	0.70	4.2
Vinyl Chloride	0.070	Not Detected	0.18	Not Detected
Freon 11	0.14	25	0.80	140
1,1-Dichloroethene	0.070	40	0.28	160
Freon 113	0.14	62	1.1	480
1,1-Dichloroethane	0.14	Not Detected	0.58	Not Detected
cis-1,2-Dichloroethene	0.14	Not Detected	0.56	Not Detected
Chloroform	0.14	Not Detected	0.69	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Carbon Tetrachloride	0.14	Not Detected	0.90	Not Detected
Benzene	0.35	Not Detected	1.1	Not Detected
1,2-Dichloroethane	0.14	Not Detected	0.58	Not Detected
Trichloroethene	0.14	3.4	0.76	19
trans-1,3-Dichloropropene	0.14	Not Detected	0.64	Not Detected
Toluene	0.14	2.7	0.54	10
1,1,2-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Tetrachloroethene	0.14	140	0.96	950
Chlorobenzene	0.14	Not Detected	0.66	Not Detected
Ethyl Benzene	0.14	0.46	0.62	2.0
m,p-Xylene	0.28	1.5	1.2	6.8
o-Xylene	0.14	0.44	0.62	1.9
1,4-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
trans-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Acetone	3.5	15	8.4	35
Methylene Chloride	1.4	Not Detected	4.9	Not Detected
Methyl tert-butyl ether	0.70	Not Detected	2.6	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.98	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-02-051104

Lab ID#: 0405241-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051716**	**Date of Collection: 5/11/04**	
Dil. Factor:	**8.75**	**Date of Analysis: 5/18/04 12:06 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.80	0.88	4.0
Vinyl Chloride	0.088	Not Detected	0.23	Not Detected
Freon 11	0.18	21	1.0	120
1,1-Dichloroethene	0.088	33	0.35	130
Freon 113	0.18	45	1.4	350
1,1-Dichloroethane	0.18	Not Detected	0.72	Not Detected
cis-1,2-Dichloroethene	0.18	Not Detected	0.70	Not Detected
Chloroform	0.18	Not Detected	0.87	Not Detected
1,1,1-Trichloroethane	0.18	Not Detected	0.97	Not Detected
Carbon Tetrachloride	0.18	Not Detected	1.1	Not Detected
Benzene	0.44	Not Detected	1.4	Not Detected
1,2-Dichloroethane	0.18	Not Detected	0.72	Not Detected
Trichloroethene	0.18	2.9	0.96	16
trans-1,3-Dichloropropene	0.18	Not Detected	0.81	Not Detected
Toluene	0.18	3.1	0.67	12
1,1,2-Trichloroethane	0.18	Not Detected	0.97	Not Detected
Tetrachloroethene	0.18	160	1.2	1100
Chlorobenzene	0.18	Not Detected	0.82	Not Detected
Ethyl Benzene	0.18	0.48	0.77	2.1
m,p-Xylene	0.35	1.5	1.5	6.7
o-Xylene	0.18	0.44	0.77	2.0
1,4-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
1,2-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
trans-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Acetone	4.4	8.6	10	21
Methylene Chloride	1.8	Not Detected	6.2	Not Detected
Methyl tert-butyl ether	0.88	Not Detected	3.2	Not Detected
1,1,2,2-Tetrachloroethane	0.18	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FD-02-051104

Lab ID#: 0405241-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051808**	**Date of Collection: 5/11/04**	
Dil. Factor:	**8.20**	**Date of Analysis: 5/18/04 01:03 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.69	0.82	3.4
Vinyl Chloride	0.082	Not Detected	0.21	Not Detected
Freon 11	0.16	18	0.94	100
1,1-Dichloroethene	0.082	30	0.33	120
Freon 113	0.16	39	1.3	310
1,1-Dichloroethane	0.16	Not Detected	0.67	Not Detected
cis-1,2-Dichloroethene	0.16	Not Detected	0.66	Not Detected
Chloroform	0.16	Not Detected	0.81	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.91	Not Detected
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
Benzene	0.41	Not Detected	1.3	Not Detected
1,2-Dichloroethane	0.16	Not Detected	0.67	Not Detected
Trichloroethene	0.16	2.5	0.90	14
trans-1,3-Dichloropropene	0.16	Not Detected	0.76	Not Detected
Toluene	0.16	2.7	0.63	10
1,1,2-Trichloroethane	0.16	Not Detected	0.91	Not Detected
Tetrachloroethene	0.16	130	1.1	880
Chlorobenzene	0.16	Not Detected	0.77	Not Detected
Ethyl Benzene	0.16	0.44	0.72	2.0
m,p-Xylene	0.33	1.5	1.4	6.5
o-Xylene	0.16	0.46	0.72	2.0
1,4-Dichlorobenzene	0.16	Not Detected	1.0	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	1.0	Not Detected
trans-1,2-Dichloroethene	0.82	Not Detected	3.3	Not Detected
Acetone	4.1	8.3	9.9	20
Methylene Chloride	1.6	Not Detected	5.8	Not Detected
Methyl tert-butyl ether	0.82	Not Detected	3.0	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-03-051104

Lab ID#: 0405241-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051809**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.83**	**Date of Analysis: 5/18/04 01:57 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.51	0.18	2.6
Vinyl Chloride	0.018	Not Detected	0.048	Not Detected
Freon 11	0.037	0.28	0.21	1.6
1,1-Dichloroethene	0.018	Not Detected	0.074	Not Detected
Freon 113	0.037	0.093	0.28	0.73
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Chloroform	0.037	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.092	0.23	0.58
Benzene	0.092	0.33	0.30	1.0
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.042	0.20	0.23
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	1.3	0.14	5.1
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.086	0.25	0.60
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.18	0.16	0.78
m,p-Xylene	0.073	0.52	0.32	2.3
o-Xylene	0.037	0.20	0.16	0.87
1,4-Dichlorobenzene	0.037	0.065	0.22	0.40
1,2-Dichlorobenzene	0.037	0.049	0.22	0.30
trans-1,2-Dichloroethene	0.18	Not Detected	0.74	Not Detected
Acetone	0.92	6.2	2.2	15
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.037	0.057	0.26	0.40

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-04-051104

Lab ID#: 0405241-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051810**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.83**	**Date of Analysis: 5/18/04 02:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.54	0.18	2.7
Vinyl Chloride	0.018	Not Detected	0.048	Not Detected
Freon 11	0.037	0.30	0.21	1.7
1,1-Dichloroethene	0.018	0.040	0.074	0.16
Freon 113	0.037	0.14	0.28	1.1
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Chloroform	0.037	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.078	0.23	0.50
Benzene	0.092	0.40	0.30	1.3
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.088	0.20	0.48
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	1.7	0.14	6.7
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.12	0.25	0.86
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.33	0.16	1.4
m,p-Xylene	0.073	1.1	0.32	5.0
o-Xylene	0.037	0.43	0.16	1.9
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.74	Not Detected
Acetone	0.92	8.0	2.2	19
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.26	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-04-051104 Duplicate

Lab ID#: 0405241-14AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051811**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.83**	**Date of Analysis: 5/18/04 03:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.55	0.18	2.8
Vinyl Chloride	0.018	Not Detected	0.048	Not Detected
Freon 11	0.037	0.29	0.21	1.7
1,1-Dichloroethene	0.018	0.046	0.074	0.18
Freon 113	0.037	0.14	0.28	1.1
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Chloroform	0.037	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.066	0.23	0.42
Benzene	0.092	0.38	0.30	1.2
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.089	0.20	0.48
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	1.6	0.14	6.4
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.12	0.25	0.82
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.32	0.16	1.4
m,p-Xylene	0.073	1.1	0.32	4.8
o-Xylene	0.037	0.42	0.16	1.9
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.74	Not Detected
Acetone	0.92	8.2	2.2	20
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.26	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-05-051104

Lab ID#: 0405241-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051812**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.79**	**Date of Analysis: 5/18/04 04:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.036	0.58	0.18	2.9
Vinyl Chloride	0.018	Not Detected	0.046	Not Detected
Freon 11	0.036	1.2	0.20	7.0
1,1-Dichloroethene	0.018	5.7	0.072	23
Freon 113	0.036	3.4	0.28	26
1,1-Dichloroethane	0.036	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.036	Not Detected	0.14	Not Detected
Chloroform	0.036	0.048	0.18	0.24
1,1,1-Trichloroethane	0.036	0.082	0.20	0.45
Carbon Tetrachloride	0.036	0.087	0.23	0.56
Benzene	0.090	0.41	0.29	1.3
1,2-Dichloroethane	0.036	Not Detected	0.15	Not Detected
Trichloroethene	0.036	0.80	0.20	4.4
trans-1,3-Dichloropropene	0.036	Not Detected	0.16	Not Detected
Toluene	0.036	2.6	0.14	10
1,1,2-Trichloroethane	0.036	Not Detected	0.20	Not Detected
Tetrachloroethene	0.036	15	0.25	110
Chlorobenzene	0.036	Not Detected	0.17	Not Detected
Ethyl Benzene	0.036	0.36	0.16	1.6
m,p-Xylene	0.072	1.2	0.32	5.4
o-Xylene	0.036	0.47	0.16	2.1
1,4-Dichlorobenzene	0.036	0.038	0.22	0.23
1,2-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Acetone	0.90	17	2.2	41
Methylene Chloride	0.36	0.43	1.3	1.5
Methyl tert-butyl ether	0.18	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.036	Not Detected	0.25	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-05-051104 Duplicate

Lab ID#: 0405241-15AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051813**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.79**	**Date of Analysis: 5/18/04 05:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.036	0.54	0.18	2.7
Vinyl Chloride	0.018	Not Detected	0.046	Not Detected
Freon 11	0.036	1.2	0.20	7.0
1,1-Dichloroethene	0.018	5.6	0.072	23
Freon 113	0.036	3.3	0.28	26
1,1-Dichloroethane	0.036	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.036	Not Detected	0.14	Not Detected
Chloroform	0.036	0.050	0.18	0.25
1,1,1-Trichloroethane	0.036	0.084	0.20	0.46
Carbon Tetrachloride	0.036	0.094	0.23	0.60
Benzene	0.090	0.40	0.29	1.3
1,2-Dichloroethane	0.036	Not Detected	0.15	Not Detected
Trichloroethene	0.036	0.79	0.20	4.3
trans-1,3-Dichloropropene	0.036	Not Detected	0.16	Not Detected
Toluene	0.036	2.6	0.14	10
1,1,2-Trichloroethane	0.036	Not Detected	0.20	Not Detected
Tetrachloroethene	0.036	15	0.25	110
Chlorobenzene	0.036	Not Detected	0.17	Not Detected
Ethyl Benzene	0.036	0.36	0.16	1.6
m,p-Xylene	0.072	1.2	0.32	5.4
o-Xylene	0.036	0.47	0.16	2.0
1,4-Dichlorobenzene	0.036	0.036	0.22	0.22
1,2-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Acetone	0.90	17	2.2	40
Methylene Chloride	0.36	0.44	1.3	1.6
Methyl tert-butyl ether	0.18	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.036	Not Detected	0.25	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FD-04-051104

Lab ID#: 0405241-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051814**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.46**	**Date of Analysis: 5/18/04 06:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.029	0.57	0.15	2.9
Vinyl Chloride	0.015	Not Detected	0.038	Not Detected
Freon 11	0.029	0.31	0.17	1.8
1,1-Dichloroethene	0.015	0.029	0.059	0.12
Freon 113	0.029	0.14	0.23	1.1
1,1-Dichloroethane	0.029	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.029	Not Detected	0.12	Not Detected
Chloroform	0.029	Not Detected	0.14	Not Detected
1,1,1-Trichloroethane	0.029	Not Detected	0.16	Not Detected
Carbon Tetrachloride	0.029	0.094	0.19	0.60
Benzene	0.073	0.28	0.24	0.90
1,2-Dichloroethane	0.029	Not Detected	0.12	Not Detected
Trichloroethene	0.029	0.077	0.16	0.42
trans-1,3-Dichloropropene	0.029	Not Detected	0.13	Not Detected
Toluene	0.029	0.86	0.11	3.3
1,1,2-Trichloroethane	0.029	Not Detected	0.16	Not Detected
Tetrachloroethene	0.029	0.083	0.20	0.57
Chlorobenzene	0.029	Not Detected	0.14	Not Detected
Ethyl Benzene	0.029	0.11	0.13	0.47
m,p-Xylene	0.058	0.34	0.26	1.5
o-Xylene	0.029	0.12	0.13	0.52
1,4-Dichlorobenzene	0.029	Not Detected	0.18	Not Detected
1,2-Dichlorobenzene	0.029	Not Detected	0.18	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.73	5.8	1.8	14
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
1,1,2,2-Tetrachloroethane	0.029	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-06-051104

Lab ID#: 0405241-17A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051815**	**Date of Collection: 5/11/04**	
Dil. Factor:	**1.79**	**Date of Analysis: 5/18/04 06:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.036	0.53	0.18	2.6
Vinyl Chloride	0.018	Not Detected	0.046	Not Detected
Freon 11	0.036	1.2	0.20	6.9
1,1-Dichloroethene	0.018	5.3	0.072	21
Freon 113	0.036	3.3	0.28	26
1,1-Dichloroethane	0.036	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.036	Not Detected	0.14	Not Detected
Chloroform	0.036	0.047	0.18	0.23
1,1,1-Trichloroethane	0.036	0.088	0.20	0.49
Carbon Tetrachloride	0.036	0.098	0.23	0.62
Benzene	0.090	0.45	0.29	1.4
1,2-Dichloroethane	0.036	Not Detected	0.15	Not Detected
Trichloroethene	0.036	0.73	0.20	4.0
trans-1,3-Dichloropropene	0.036	Not Detected	0.16	Not Detected
Toluene	0.036	2.3	0.14	8.7
1,1,2-Trichloroethane	0.036	Not Detected	0.20	Not Detected
Tetrachloroethene	0.036	14	0.25	100
Chlorobenzene	0.036	Not Detected	0.17	Not Detected
Ethyl Benzene	0.036	0.35	0.16	1.5
m,p-Xylene	0.072	1.2	0.32	5.5
o-Xylene	0.036	0.47	0.16	2.1
1,4-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Acetone	0.90	18	2.2	43
Methylene Chloride	0.36	0.38	1.3	1.4
Methyl tert-butyl ether	0.18	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.036	Not Detected	0.25	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	109	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FS-07-051104

Lab ID#: 0405241-18A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051821**	**Date of Collection: 5/11/04**	
Dil. Factor:	**6.72**	**Date of Analysis: 5/19/04 12:13 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.13	0.45	0.68	2.3
Vinyl Chloride	0.067	Not Detected	0.17	Not Detected
Freon 11	0.13	2.3	0.77	13
1,1-Dichloroethene	0.067	4.1	0.27	17
Freon 113	0.13	3.8	1.0	30
1,1-Dichloroethane	0.13	Not Detected	0.55	Not Detected
cis-1,2-Dichloroethene	0.13	Not Detected	0.54	Not Detected
Chloroform	0.13	Not Detected	0.67	Not Detected
1,1,1-Trichloroethane	0.13	Not Detected	0.74	Not Detected
Carbon Tetrachloride	0.13	Not Detected	0.86	Not Detected
Benzene	0.34	0.81	1.1	2.6
1,2-Dichloroethane	0.13	Not Detected	0.55	Not Detected
Trichloroethene	0.13	0.64	0.73	3.5
trans-1,3-Dichloropropene	0.13	Not Detected	0.62	Not Detected
Toluene	0.13	110	0.51	420
1,1,2-Trichloroethane	0.13	Not Detected	0.74	Not Detected
Tetrachloroethene	0.13	2.3	0.93	16
Chlorobenzene	0.13	Not Detected	0.63	Not Detected
Ethyl Benzene	0.13	2.0	0.59	8.6
m,p-Xylene	0.27	10	1.2	46
o-Xylene	0.13	2.9	0.59	13
1,4-Dichlorobenzene	0.13	Not Detected	0.82	Not Detected
1,2-Dichlorobenzene	0.13	Not Detected	0.82	Not Detected
trans-1,2-Dichloroethene	0.67	Not Detected	2.7	Not Detected
Acetone	3.4	460 E	8.1	1100 E
Methylene Chloride	1.3	Not Detected	4.7	Not Detected
Methyl tert-butyl ether	0.67	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.13	Not Detected	0.94	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	108	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-FD-07-051104

Lab ID#: 0405241-19A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051822**	**Date of Collection: 5/11/04**	
Dil. Factor:	**6.72**	**Date of Analysis: 5/19/04 12:53 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.13	0.54	0.68	2.7
Vinyl Chloride	0.067	Not Detected	0.17	Not Detected
Freon 11	0.13	2.4	0.77	14
1,1-Dichloroethene	0.067	4.4	0.27	18
Freon 113	0.13	3.9	1.0	31
1,1-Dichloroethane	0.13	Not Detected	0.55	Not Detected
cis-1,2-Dichloroethene	0.13	Not Detected	0.54	Not Detected
Chloroform	0.13	Not Detected	0.67	Not Detected
1,1,1-Trichloroethane	0.13	Not Detected	0.74	Not Detected
Carbon Tetrachloride	0.13	Not Detected	0.86	Not Detected
Benzene	0.34	0.98	1.1	3.2
1,2-Dichloroethane	0.13	Not Detected	0.55	Not Detected
Trichloroethene	0.13	0.67	0.73	3.6
trans-1,3-Dichloropropene	0.13	Not Detected	0.62	Not Detected
Toluene	0.13	120	0.51	440
1,1,2-Trichloroethane	0.13	Not Detected	0.74	Not Detected
Tetrachloroethene	0.13	2.4	0.93	17
Chlorobenzene	0.13	Not Detected	0.63	Not Detected
Ethyl Benzene	0.13	2.1	0.59	9.2
m,p-Xylene	0.27	11	1.2	49
o-Xylene	0.13	3.2	0.59	14
1,4-Dichlorobenzene	0.13	Not Detected	0.82	Not Detected
1,2-Dichlorobenzene	0.13	Not Detected	0.82	Not Detected
trans-1,2-Dichloroethene	0.67	Not Detected	2.7	Not Detected
Acetone	3.4	500 E	8.1	1200 E
Methylene Chloride	1.3	1.4	4.7	4.8
Methyl tert-butyl ether	0.67	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.13	Not Detected	0.94	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	108	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0405241-20A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051436**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/04 04:22 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.10	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.16	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.082	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.080	Not Detected
Chloroform	0.020	Not Detected	0.099	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.13	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.082	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.092	Not Detected
Toluene	0.020	Not Detected	0.076	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.094	Not Detected
Ethyl Benzene	0.020	Not Detected	0.088	Not Detected
m,p-Xylene	0.040	Not Detected	0.18	Not Detected
o-Xylene	0.020	Not Detected	0.088	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.71	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.37	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	89	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0405241-20B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/04 12:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.10	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.16	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.082	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.080	Not Detected
Chloroform	0.020	Not Detected	0.099	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.13	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.082	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.092	Not Detected
Toluene	0.020	Not Detected	0.076	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.094	Not Detected
Ethyl Benzene	0.020	Not Detected	0.088	Not Detected
m,p-Xylene	0.040	Not Detected	0.18	Not Detected
o-Xylene	0.020	Not Detected	0.088	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.71	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.37	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	90	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0405241-20C

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/17/04 02:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.10	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.16	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.082	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.080	Not Detected
Chloroform	0.020	Not Detected	0.099	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.13	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.082	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.092	Not Detected
Toluene	0.020	Not Detected	0.076	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.094	Not Detected
Ethyl Benzene	0.020	Not Detected	0.088	Not Detected
m,p-Xylene	0.040	Not Detected	0.18	Not Detected
o-Xylene	0.020	Not Detected	0.088	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.71	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.37	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	91	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0405241-20D

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 12:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.10	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.16	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.082	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.080	Not Detected
Chloroform	0.020	Not Detected	0.099	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.13	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.082	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.092	Not Detected
Toluene	0.020	Not Detected	0.076	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.094	Not Detected
Ethyl Benzene	0.020	Not Detected	0.088	Not Detected
m,p-Xylene	0.040	Not Detected	0.18	Not Detected
o-Xylene	0.020	Not Detected	0.088	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.71	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.37	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	90	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0405241-20E

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x052005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/20/04 10:16 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.10	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.16	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.082	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.080	Not Detected
Chloroform	0.020	Not Detected	0.099	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.13	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.082	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.092	Not Detected
Toluene	0.020	Not Detected	0.076	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.094	Not Detected
Ethyl Benzene	0.020	Not Detected	0.088	Not Detected
m,p-Xylene	0.040	Not Detected	0.18	Not Detected
o-Xylene	0.020	Not Detected	0.088	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.71	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.37	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	87	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0405241-21A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051432**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/04 12:35 AM**	

Compound	%Recovery
Freon 12	111
Vinyl Chloride	97
Freon 11	79
1,1-Dichloroethene	82
Freon 113	83
1,1-Dichloroethane	99
cis-1,2-Dichloroethene	100
Chloroform	97
1,1,1-Trichloroethane	104
Carbon Tetrachloride	108
Benzene	85
1,2-Dichloroethane	97
Trichloroethene	92
trans-1,3-Dichloropropene	107
Toluene	95
1,1,2-Trichloroethane	97
Tetrachloroethene	99
Chlorobenzene	98
Ethyl Benzene	104
m,p-Xylene	108
o-Xylene	109
1,4-Dichlorobenzene	105
1,2-Dichlorobenzene	103
trans-1,2-Dichloroethene	95
Acetone	91
Methylene Chloride	84
Methyl tert-butyl ether	72
1,1,2,2-Tetrachloroethane	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0405241-21B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/04 09:55 AM**	

Compound	%Recovery
Freon 12	114
Vinyl Chloride	102
Freon 11	81
1,1-Dichloroethene	81
Freon 113	84
1,1-Dichloroethane	102
cis-1,2-Dichloroethene	100
Chloroform	100
1,1,1-Trichloroethane	104
Carbon Tetrachloride	108
Benzene	93
1,2-Dichloroethane	101
Trichloroethene	91
trans-1,3-Dichloropropene	108
Toluene	100
1,1,2-Trichloroethane	96
Tetrachloroethene	94
Chlorobenzene	96
Ethyl Benzene	102
m,p-Xylene	106
o-Xylene	106
1,4-Dichlorobenzene	104
1,2-Dichlorobenzene	101
trans-1,2-Dichloroethene	95
Acetone	101
Methylene Chloride	85
Methyl tert-butyl ether	71
1,1,2,2-Tetrachloroethane	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0405241-21C

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/17/04 12:27 PM**	

Compound	%Recovery
Freon 12	118
Vinyl Chloride	101
Freon 11	87
1,1-Dichloroethene	86
Freon 113	88
1,1-Dichloroethane	108
cis-1,2-Dichloroethene	107
Chloroform	106
1,1,1-Trichloroethane	114
Carbon Tetrachloride	117
Benzene	94
1,2-Dichloroethane	107
Trichloroethene	100
trans-1,3-Dichloropropene	113
Toluene	103
1,1,2-Trichloroethane	98
Tetrachloroethene	97
Chlorobenzene	98
Ethyl Benzene	106
m,p-Xylene	109
o-Xylene	110
1,4-Dichlorobenzene	104
1,2-Dichlorobenzene	100
trans-1,2-Dichloroethene	100
Acetone	103
Methylene Chloride	88
Methyl tert-butyl ether	85
1,1,2,2-Tetrachloroethane	101

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0405241-21D

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 08:58 AM**	

Compound	%Recovery
Freon 12	125
Vinyl Chloride	111
Freon 11	83
1,1-Dichloroethene	85
Freon 113	86
1,1-Dichloroethane	107
cis-1,2-Dichloroethene	104
Chloroform	102
1,1,1-Trichloroethane	109
Carbon Tetrachloride	111
Benzene	90
1,2-Dichloroethane	102
Trichloroethene	94
trans-1,3-Dichloropropene	106
Toluene	99
1,1,2-Trichloroethane	96
Tetrachloroethene	95
Chlorobenzene	97
Ethyl Benzene	104
m,p-Xylene	108
o-Xylene	108
1,4-Dichlorobenzene	99
1,2-Dichlorobenzene	95
trans-1,2-Dichloroethene	100
Acetone	101
Methylene Chloride	89
Methyl tert-butyl ether	88
1,1,2,2-Tetrachloroethane	99

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0405241-21E

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x052002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/20/04 07:37 AM**	

Compound	%Recovery
Freon 12	131 Q
Vinyl Chloride	116
Freon 11	88
1,1-Dichloroethene	87
Freon 113	88
1,1-Dichloroethane	110
cis-1,2-Dichloroethene	106
Chloroform	107
1,1,1-Trichloroethane	113
Carbon Tetrachloride	116
Benzene	94
1,2-Dichloroethane	107
Trichloroethene	95
trans-1,3-Dichloropropene	113
Toluene	102
1,1,2-Trichloroethane	99
Tetrachloroethene	97
Chlorobenzene	99
Ethyl Benzene	107
m,p-Xylene	111
o-Xylene	111
1,4-Dichlorobenzene	104
1,2-Dichlorobenzene	101
trans-1,2-Dichloroethene	102
Acetone	108
Methylene Chloride	90
Methyl tert-butyl ether	79
1,1,2,2-Tetrachloroethane	106

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0405241-22A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051433**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/04 01:31 AM**	

Compound	%Recovery
Freon 12	118
Vinyl Chloride	99
Freon 11	82
1,1-Dichloroethene	87
Freon 113	90
1,1-Dichloroethane	105
cis-1,2-Dichloroethene	101
Chloroform	102
1,1,1-Trichloroethane	101
Carbon Tetrachloride	107
Benzene	82
1,2-Dichloroethane	95
Trichloroethene	92
trans-1,3-Dichloropropene	100
Toluene	100
1,1,2-Trichloroethane	99
Tetrachloroethene	104
Chlorobenzene	103
Ethyl Benzene	114
m,p-Xylene	119
o-Xylene	123
1,4-Dichlorobenzene	123
1,2-Dichlorobenzene	115
trans-1,2-Dichloroethene	88
Acetone	84
Methylene Chloride	91
Methyl tert-butyl ether	69
1,1,2,2-Tetrachloroethane	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0405241-22B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/04 10:40 AM**	

Compound	%Recovery
Freon 12	121
Vinyl Chloride	103
Freon 11	83
1,1-Dichloroethene	88
Freon 113	92
1,1-Dichloroethane	107
cis-1,2-Dichloroethene	101
Chloroform	105
1,1,1-Trichloroethane	103
Carbon Tetrachloride	107
Benzene	87
1,2-Dichloroethane	100
Trichloroethene	94
trans-1,3-Dichloropropene	96
Toluene	104
1,1,2-Trichloroethane	98
Tetrachloroethene	100
Chlorobenzene	101
Ethyl Benzene	111
m,p-Xylene	117
o-Xylene	121
1,4-Dichlorobenzene	118
1,2-Dichlorobenzene	108
trans-1,2-Dichloroethene	89
Acetone	86
Methylene Chloride	92
Methyl tert-butyl ether	66 Q
1,1,2,2-Tetrachloroethane	105

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0405241-22C

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051705**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/17/04 01:14 PM**	

Compound	%Recovery
Freon 12	116
Vinyl Chloride	96
Freon 11	82
1,1-Dichloroethene	86
Freon 113	88
1,1-Dichloroethane	104
cis-1,2-Dichloroethene	98
Chloroform	103
1,1,1-Trichloroethane	102
Carbon Tetrachloride	106
Benzene	83
1,2-Dichloroethane	98
Trichloroethene	92
trans-1,3-Dichloropropene	96
Toluene	100
1,1,2-Trichloroethane	93
Tetrachloroethene	95
Chlorobenzene	96
Ethyl Benzene	106
m,p-Xylene	112
o-Xylene	115
1,4-Dichlorobenzene	109
1,2-Dichlorobenzene	98
trans-1,2-Dichloroethene	85
Acetone	86
Methylene Chloride	88
Methyl tert-butyl ether	65 Q
1,1,2,2-Tetrachloroethane	97

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0405241-22D

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x051805**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 10:29 AM**	

Compound	%Recovery
Freon 12	114
Vinyl Chloride	93
Freon 11	81
1,1-Dichloroethene	83
Freon 113	86
1,1-Dichloroethane	101
cis-1,2-Dichloroethene	95
Chloroform	99
1,1,1-Trichloroethane	99
Carbon Tetrachloride	103
Benzene	79
1,2-Dichloroethane	95
Trichloroethene	88
trans-1,3-Dichloropropene	94
Toluene	95
1,1,2-Trichloroethane	91
Tetrachloroethene	94
Chlorobenzene	94
Ethyl Benzene	103
m,p-Xylene	108
o-Xylene	112
1,4-Dichlorobenzene	109
1,2-Dichlorobenzene	99
trans-1,2-Dichloroethene	83
Acetone	84
Methylene Chloride	85
Methyl tert-butyl ether	66 Q
1,1,2,2-Tetrachloroethane	94

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0405241-22E

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**x052003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/20/04 08:21 AM**	

Compound	%Recovery
Freon 12	117
Vinyl Chloride	96
Freon 11	81
1,1-Dichloroethene	82
Freon 113	85
1,1-Dichloroethane	102
cis-1,2-Dichloroethene	93
Chloroform	100
1,1,1-Trichloroethane	99
Carbon Tetrachloride	100
Benzene	78
1,2-Dichloroethane	94
Trichloroethene	84
trans-1,3-Dichloropropene	92
Toluene	94
1,1,2-Trichloroethane	91
Tetrachloroethene	92
Chlorobenzene	94
Ethyl Benzene	105
m,p-Xylene	110
o-Xylene	113
1,4-Dichlorobenzene	104
1,2-Dichlorobenzene	94
trans-1,2-Dichloroethene	82
Acetone	82
Methylene Chloride	85
Methyl tert-butyl ether	67
1,1,2,2-Tetrachloroethane	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	97	70-130

@ AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY
180 BLUE RAVINE ROAD, SUITE B
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(916) 985-1000 FAX: (916) 985-1020

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Contact Person: SHARON WALLIN
Company: CDM
Address: 18581 Teller Ave City: Irvine State: CA Zip: 92612
Phone: 949-752-5452 FAX:
Collected By: Signature: Sibel Tekce Tree Fraine

Project info:
P.O. #:
Project #: 10500-37240
Project Name: OMEGA

Turn Around Time:
☑ Normal
☐ Rush ____ Specify

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
10A	OC-AA-ES-01-051104	5/11/04 15:35	TO-15 SIM	28.5	5	7.0" Hg
* 11A	OC-AA-FS-02-051104	5/11/04 15:30	"	29.5	7.5	7.0" Hg
* 12A	OC-AA-FD-02-051104	5/11/04 15:30	"	28.5	6	5.5" Hg
13A	OC-AA-FS-03-051104	5/11/04 15:45	"	29	8.5	8.0" Hg
14A	OC-AA-FS-04-051104	5/11/04 15:53	"	29.5	7.5	8.0" Hg
* 15A	OC-AA-FS-05-051104	5/11/04 16:00	"	29.5	8	7.5" Hg
16A	OC-AA-FD-04-051104	5/11/04 15:53	"	29.5	0	2.5" Hg
17A	OC-AA-FS-06-051104	5/11/04 16:01	"	28	7.5	7.5" Hg
* 18A	OC-AA-FS-07-051104	5/11/04 16:35	"	30	6	6.0" Hg
19A	OC-AA-FD-07-051104	5/11/04 16:35	"	29	6	6.0" Hg

Relinquished By: (Signature) Date/Time: 5/12/04
Received By: (Signature) Date/Time:
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time: 5/14/04 1010
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time:

Notes:
EDD (all samples)
* Level IV

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	6429 3887 8894		—	Good	Yes No (None)	0405241

Form 1295 rev. 03

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: Sharon Walton
Company: COM
Address: 18581 Teller Ave City: Irvine State: CA Zip: 92612
Phone: 949 752 5452 FAX:
Collected By: Signature: Sibel Tekce Tree Irvine

Project info:
P.O. #:
Project #: 10500-37243
Project Name: Omega

Turn Around Time:
☑ Normal
☐ Rush ____ Specify

mw 5/5/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	OC-AA-FS-08-051104	5/11/04 17:35	TO-15 SIM	23	14	15.0"Hg
02A	OC-AA-FS-09-051104	5/11/04 16:39	"	29	7.5	7.5"Hg
03A	OC-AA-FS-10-051104	5/11/04 16:45	"	29	6	6.0"Hg
04A	OC-AA-FS-11-051104	5/11/04 16:50	"	29.5	6.5	6.5"Hg
05A	OC-AA-FS-12-051104	5/11/04 16:48	"	30	7.5	7.5"Hg
06A	OC-AA-FS-13-051104	5/11/04 17:18	"	30	5.5	6.0"Hg
* 07A	OC-AA-FS-14-051104	5/11/04 17:17	"	28.5	4	5.5"Hg
08A	OC-AA-FS-15-051104	5/11/04 17:20	"	30	9	8.0"Hg
09A	OC-AA-TB-06-051104	5/11/04 —	"	—		29.0"Hg

Relinquished By: (Signature) Date/Time: 5/12/04
Received By: (Signature) Date/Time:
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time: 5/14/04 1010
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time:

Notes:
EDD (all samples)
* Level IV

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	6429 3867 8294		—	Good	Yes No (None)	0405241

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific
E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0408134

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500-37240 Omega
DATE RECEIVED:	8/6/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:			

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-IA-FS-16-080404	Modified TO-15 SIM	5.5 "Hg
02A	OC-IA-FD-16-080404	Modified TO-15 SIM	7.0 "Hg
03A	OC-AA-FS-17-080404	Modified TO-15 SIM	8.0 "Hg
04A	OC-IA-FS-18-080404	Modified TO-15 SIM	8.0 "Hg
05A	OC-IA-FS-19-080404	Modified TO-15 SIM	8.0 "Hg
06A	OC-IA-FS-20-080404	Modified TO-15 SIM	8.5 "Hg
07A	OC-IA-FS-21-080404	Modified TO-15 SIM	7.0 "Hg
08A	OC-IA-FS-22-080404	Modified TO-15 SIM	8.0 "Hg
09A	OC-IA-FS-23-080404	Modified TO-15 SIM	7.5 "Hg
10A	OC-AA-FS-24-080404	Modified TO-15 SIM	6.0 "Hg
10AA	OC-AA-FS-24-080404 Duplicate	Modified TO-15 SIM	6.0 "Hg
11A	OC-TB-080404	Modified TO-15 SIM	29.0 "Hg
12A	Lab Blank	Modified TO-15 SIM	NA
12B	Lab Blank	Modified TO-15 SIM	NA
13A	CCV	Modified TO-15 SIM	NA
13B	CCV	Modified TO-15 SIM	NA
14A	LCS	Modified TO-15 SIM	NA

Continued on next page

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WORK ORDER #: 0408134

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500-37240 Omega
DATE RECEIVED:	8/6/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:			

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
14B	LCS	Modified TO-15 SIM	NA

CERTIFIED BY: Linda D. Frumarn DATE: 08/19/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 SIM
CDM
Workorder# 0408134

Eleven 6 Liter Summa Canister (SIM Certified) samples were received on August 06, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode. The method involves concentrating up to 0.5 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference.	All compounds </= 30 %D with 10% of the compound list not to exceed 40 %D; associated samples will be reported with flags.
Lab Blank	Humid Zero Air	Dry UHP Nitrogen
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Ethyl Benzene, m,p- and o-Xylene: 91, Methylene Chloride: 49, cis and trans-1,2-Dichloroethene, 1,1-Dichloroethene: 61, 2-Butanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Ethyl Benzene, m,p- and o-Xylene: 106, Methylene Chloride: 84, cis and trans-1,2-Dichloroethene, and 1,1-Dichloroethene: 98, 2-Butanone: 72.
ICAL %RSD acceptance criteria	< 30 % RSD (TO-14A). </= 30 % RSD, with 2 compounds allowed out up to 40 % (TO-15).	</= 30 % RSD for all compounds with 10% of the compounds allowed out to < 40% RSD.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sampling/Concentrator System	Nafion Drier (TO-14A)	Multisorbent Concentrator
Sample Load Volume	400 mL (TO-14A)	Up to 0.5 L.
Blank Acceptance Criteria	< 0.2 ppbv (TO-14A)	< Reporting Limit.
BFB Absolute Abundance Criteria.	Within 10% fo that from the previous day (TO-14A).	CCV internal standard area counts are compared to ICAL; corrective action for > 40 %D.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40% of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blanks and samples.

Receiving Notes

The Chain of Custody contained incorrect method information. ATL proceeded with the analysis as per the original contract or verbal agreement.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank or media certification greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-16-080404

ID#: 0408134-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081711**	**Date of Collection:**	**8/4/04**
Dil. Factor:	**5.47**	**Date of Analysis:**	**8/17/04 06:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.11	1.1 J	0.55	5.7
Vinyl Chloride	0.055	Not Detected	0.14	Not Detected
Freon 11	0.11	34	0.62	190
1,1-Dichloroethene	0.055	72	0.22	290
Freon 113	0.11	92	0.85	720
1,1-Dichloroethane	0.11	Not Detected	0.45	Not Detected
cis-1,2-Dichloroethene	0.11	Not Detected	0.44	Not Detected
Chloroform	0.11	Not Detected	0.54	Not Detected
1,1,1-Trichloroethane	0.11	0.14	0.61	0.80
Carbon Tetrachloride	0.11	Not Detected	0.70	Not Detected
Benzene	0.27	0.76	0.89	2.5
1,2-Dichloroethane	0.11	Not Detected	0.45	Not Detected
Trichloroethene	0.11	6.6	0.60	36
trans-1,3-Dichloropropene	0.11	Not Detected	0.50	Not Detected
Toluene	0.11	4.6	0.42	18
1,1,2-Trichloroethane	0.11	0.52	0.61	2.9
Tetrachloroethene	0.11	43	0.75	300
Chlorobenzene	0.11	Not Detected	0.51	Not Detected
Ethyl Benzene	0.11	0.31	0.48	1.4
m,p-Xylene	0.22	0.87	0.96	3.8
o-Xylene	0.11	0.34	0.48	1.5
1,4-Dichlorobenzene	0.11	Not Detected	0.67	Not Detected
1,2-Dichlorobenzene	0.11	Not Detected	0.67	Not Detected
trans-1,2-Dichloroethene	0.55	Not Detected	2.2	Not Detected
Acetone	2.7	18	6.6	43
Methylene Chloride	1.1	Not Detected	3.9	Not Detected
Methyl tert-butyl ether	0.55	Not Detected	2.0	Not Detected
1,1,2,2-Tetrachloroethane	0.11	Not Detected	0.76	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FD-16-080404

ID#: 0408134-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081712**	**Date of Collection: 8/4/04**	
Dil. Factor:	**7.00**	**Date of Analysis: 8/17/04 07:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	1.1 J	0.70	5.7
Vinyl Chloride	0.070	Not Detected	0.18	Not Detected
Freon 11	0.14	36	0.80	210
1,1-Dichloroethene	0.070	74	0.28	300
Freon 113	0.14	96	1.1	740
1,1-Dichloroethane	0.14	Not Detected	0.58	Not Detected
cis-1,2-Dichloroethene	0.14	Not Detected	0.56	Not Detected
Chloroform	0.14	Not Detected	0.69	Not Detected
1,1,1-Trichloroethane	0.14	0.16	0.78	0.90
Carbon Tetrachloride	0.14	Not Detected	0.90	Not Detected
Benzene	0.35	0.89	1.1	2.9
1,2-Dichloroethane	0.14	Not Detected	0.58	Not Detected
Trichloroethene	0.14	7.0	0.76	38
trans-1,3-Dichloropropene	0.14	Not Detected	0.64	Not Detected
Toluene	0.14	1.8	0.54	6.8
1,1,2-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Tetrachloroethene	0.14	47	0.96	320
Chlorobenzene	0.14	Not Detected	0.66	Not Detected
Ethyl Benzene	0.14	0.29	0.62	1.3
m,p-Xylene	0.28	0.77	1.2	3.4
o-Xylene	0.14	0.29	0.62	1.3
1,4-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
trans-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Acetone	3.5	33	8.4	79
Methylene Chloride	1.4	Not Detected	4.9	Not Detected
Methyl tert-butyl ether	0.70	Not Detected	2.6	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.98	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-AA-FS-17-080404

ID#: 0408134-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081713**	**Date of Collection: 8/4/04**	
Dil. Factor:	**1.83**	**Date of Analysis: 8/17/04 08:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.70 J	0.18	3.5
Vinyl Chloride	0.018	Not Detected	0.048	Not Detected
Freon 11	0.037	0.34	0.21	2.0
1,1-Dichloroethene	0.018	0.22	0.074	0.89
Freon 113	0.037	0.24	0.28	1.8
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Chloroform	0.037	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.095	0.23	0.61
Benzene	0.092	0.51	0.30	1.7
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.041	0.20	0.22
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	1.4	0.14	5.3
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.25	0.25	1.7
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.19	0.16	0.85
m,p-Xylene	0.073	0.49	0.32	2.2
o-Xylene	0.037	0.20	0.16	0.90
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.74	Not Detected
Acetone	0.92	14	2.2	34
Methylene Chloride	0.37	0.51	1.3	1.8
Methyl tert-butyl ether	0.18	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.26	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-18-080404

ID#: 0408134-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081714**	**Date of Collection:**	**8/4/04**
Dil. Factor:	**4.58**	**Date of Analysis:**	**8/17/04 09:10 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.092	1.0 J	0.46	5.2
Vinyl Chloride	0.046	Not Detected	0.12	Not Detected
Freon 11	0.092	30	0.52	170
1,1-Dichloroethene	0.046	63	0.18	250
Freon 113	0.092	78	0.71	600
1,1-Dichloroethane	0.092	Not Detected	0.38	Not Detected
cis-1,2-Dichloroethene	0.092	Not Detected	0.37	Not Detected
Chloroform	0.092	Not Detected	0.45	Not Detected
1,1,1-Trichloroethane	0.092	0.16	0.51	0.87
Carbon Tetrachloride	0.092	0.10	0.58	0.64
Benzene	0.23	0.68	0.74	2.2
1,2-Dichloroethane	0.092	Not Detected	0.38	Not Detected
Trichloroethene	0.092	4.5	0.50	25
trans-1,3-Dichloropropene	0.092	Not Detected	0.42	Not Detected
Toluene	0.092	1.9	0.35	7.2
1,1,2-Trichloroethane	0.092	Not Detected	0.51	Not Detected
Tetrachloroethene	0.092	40	0.63	270
Chlorobenzene	0.092	Not Detected	0.43	Not Detected
Ethyl Benzene	0.092	0.24	0.40	1.0
m,p-Xylene	0.18	0.67	0.81	3.0
o-Xylene	0.092	0.24	0.40	1.1
1,4-Dichlorobenzene	0.092	Not Detected	0.56	Not Detected
1,2-Dichlorobenzene	0.092	Not Detected	0.56	Not Detected
trans-1,2-Dichloroethene	0.46	Not Detected	1.8	Not Detected
Acetone	2.3	18	5.5	44
Methylene Chloride	0.92	0.98	3.2	3.4
Methyl tert-butyl ether	0.46	Not Detected	1.7	Not Detected
1,1,2,2-Tetrachloroethane	0.092	Not Detected	0.64	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-19-080404

ID#: 0408134-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081715**	**Date of Collection:**	**8/4/04**
Dil. Factor:	**1.83**	**Date of Analysis:**	**8/17/04 09:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.68 J	0.18	3.4
Vinyl Chloride	0.018	Not Detected	0.048	Not Detected
Freon 11	0.037	0.79	0.21	4.5
1,1-Dichloroethene	0.018	0.89	0.074	3.6
Freon 113	0.037	1.3	0.28	10
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Chloroform	0.037	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.037	0.046	0.20	0.26
Carbon Tetrachloride	0.037	0.10	0.23	0.64
Benzene	0.092	0.51	0.30	1.6
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.18	0.20	1.0
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	1.3	0.14	5.1
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	1.4	0.25	9.5
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.19	0.16	0.84
m,p-Xylene	0.073	0.48	0.32	2.1
o-Xylene	0.037	0.18	0.16	0.80
1,4-Dichlorobenzene	0.037	0.044	0.22	0.27
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.74	Not Detected
Acetone	0.92	17	2.2	41
Methylene Chloride	0.37	0.45	1.3	1.6
Methyl tert-butyl ether	0.18	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.26	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-20-080404

ID#: 0408134-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081716**	**Date of Collection:**	**8/4/04**
Dil. Factor:	**9.35**	**Date of Analysis:**	**8/17/04 10:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.19	1.1 J	0.94	5.4
Vinyl Chloride	0.094	Not Detected	0.24	Not Detected
Freon 11	0.19	61	1.1	350
1,1-Dichloroethene	0.094	140	0.38	550
Freon 113	0.19	110	1.4	880
1,1-Dichloroethane	0.19	Not Detected	0.77	Not Detected
cis-1,2-Dichloroethene	0.19	Not Detected	0.75	Not Detected
Chloroform	0.19	Not Detected	0.93	Not Detected
1,1,1-Trichloroethane	0.19	0.22	1.0	1.2
Carbon Tetrachloride	0.19	Not Detected	1.2	Not Detected
Benzene	0.47	1.0	1.5	3.4
1,2-Dichloroethane	0.19	Not Detected	0.77	Not Detected
Trichloroethene	0.19	49	1.0	270
trans-1,3-Dichloropropene	0.19	Not Detected	0.86	Not Detected
Toluene	0.19	1.8	0.72	6.9
1,1,2-Trichloroethane	0.19	Not Detected	1.0	Not Detected
Tetrachloroethene	0.19	110	1.3	770
Chlorobenzene	0.19	Not Detected	0.88	Not Detected
Ethyl Benzene	0.19	0.34	0.82	1.5
m,p-Xylene	0.37	0.96	1.6	4.2
o-Xylene	0.19	0.35	0.82	1.6
1,4-Dichlorobenzene	0.19	Not Detected	1.1	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected	1.1	Not Detected
trans-1,2-Dichloroethene	0.94	Not Detected	3.8	Not Detected
Acetone	4.7	37	11	90
Methylene Chloride	1.9	Not Detected	6.6	Not Detected
Methyl tert-butyl ether	0.94	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected	1.3	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-21-080404

ID#: 0408134-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081719**	**Date of Collection:**	**8/4/04**
Dil. Factor:	**4.38**	**Date of Analysis:**	**8/18/04 01:42 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.088	1.1 J	0.44	5.4
Vinyl Chloride	0.044	Not Detected	0.11	Not Detected
Freon 11	0.088	24	0.50	140
1,1-Dichloroethene	0.044	42	0.18	170
Freon 113	0.088	72	0.68	560
1,1-Dichloroethane	0.088	Not Detected	0.36	Not Detected
cis-1,2-Dichloroethene	0.088	Not Detected	0.35	Not Detected
Chloroform	0.088	Not Detected	0.43	Not Detected
1,1,1-Trichloroethane	0.088	Not Detected	0.48	Not Detected
Carbon Tetrachloride	0.088	0.15	0.56	0.94
Benzene	0.22	0.65	0.71	2.1
1,2-Dichloroethane	0.088	Not Detected	0.36	Not Detected
Trichloroethene	0.088	5.6	0.48	31
trans-1,3-Dichloropropene	0.088	Not Detected	0.40	Not Detected
Toluene	0.088	1.7	0.34	6.7
1,1,2-Trichloroethane	0.088	Not Detected	0.48	Not Detected
Tetrachloroethene	0.088	26	0.60	180
Chlorobenzene	0.088	Not Detected	0.41	Not Detected
Ethyl Benzene	0.088	0.26	0.39	1.1
m,p-Xylene	0.18	0.65	0.77	2.9
o-Xylene	0.088	0.24	0.39	1.1
1,4-Dichlorobenzene	0.088	Not Detected	0.54	Not Detected
1,2-Dichlorobenzene	0.088	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.44	Not Detected	1.8	Not Detected
Acetone	2.2	31	5.3	75
Methylene Chloride	0.88	Not Detected	3.1	Not Detected
Methyl tert-butyl ether	0.44	Not Detected	1.6	Not Detected
1,1,2,2-Tetrachloroethane	0.088	Not Detected	0.61	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-22-080404

ID#: 0408134-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081811**	**Date of Collection:**	**8/4/04**
Dil. Factor:	**10.2**	**Date of Analysis:**	**8/18/04 07:59 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.20	2.1 J	1.0	11
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Freon 11	0.20	54	1.2	310
1,1-Dichloroethene	0.10	85	0.41	340
Freon 113	0.20	170	1.6	1300
1,1-Dichloroethane	0.20	Not Detected	0.84	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected	0.82	Not Detected
Chloroform	0.20	Not Detected	1.0	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected	1.1	Not Detected
Carbon Tetrachloride	0.20	Not Detected	1.3	Not Detected
Benzene	0.51	1.1	1.6	3.5
1,2-Dichloroethane	0.20	Not Detected	0.84	Not Detected
Trichloroethene	0.20	7.0	1.1	38
trans-1,3-Dichloropropene	0.20	Not Detected	0.94	Not Detected
Toluene	0.20	1.6	0.78	6.0
1,1,2-Trichloroethane	0.20	Not Detected	1.1	Not Detected
Tetrachloroethene	0.20	24	1.4	160
Chlorobenzene	0.20	Not Detected	0.95	Not Detected
Ethyl Benzene	0.20	0.26	0.90	1.1
m,p-Xylene	0.41	0.63	1.8	2.8
o-Xylene	0.20	0.24	0.90	1.1
1,4-Dichlorobenzene	0.20	Not Detected	1.2	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected	1.2	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Acetone	5.1	18	12	44
Methylene Chloride	2.0	Not Detected	7.2	Not Detected
Methyl tert-butyl ether	1.0	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected	1.4	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-23-080404

ID#: 0408134-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081721**	**Date of Collection: 8/4/04**	
Dil. Factor:	**8.95**	**Date of Analysis: 8/18/04 03:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	1.4	0.90	7.2
Vinyl Chloride	0.090	Not Detected	0.23	Not Detected
Freon 11	0.18	45	1.0	260
1,1-Dichloroethene	0.090	79	0.36	320
Freon 113	0.18	130	1.4	1000
1,1-Dichloroethane	0.18	Not Detected	0.74	Not Detected
cis-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Chloroform	0.18	Not Detected	0.89	Not Detected
1,1,1-Trichloroethane	0.18	Not Detected	0.99	Not Detected
Carbon Tetrachloride	0.18	Not Detected	1.1	Not Detected
Benzene	0.45	0.97	1.4	3.1
1,2-Dichloroethane	0.18	Not Detected	0.74	Not Detected
Trichloroethene	0.18	4.4	0.98	24
trans-1,3-Dichloropropene	0.18	Not Detected	0.82	Not Detected
Toluene	0.18	1.8	0.68	6.9
1,1,2-Trichloroethane	0.18	Not Detected	0.99	Not Detected
Tetrachloroethene	0.18	23	1.2	160
Chlorobenzene	0.18	Not Detected	0.84	Not Detected
Ethyl Benzene	0.18	0.27	0.79	1.2
m,p-Xylene	0.36	0.66	1.6	2.9
o-Xylene	0.18	0.25	0.79	1.1
1,4-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
1,2-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
trans-1,2-Dichloroethene	0.90	Not Detected	3.6	Not Detected
Acetone	4.5	12	11	29
Methylene Chloride	1.8	Not Detected	6.3	Not Detected
Methyl tert-butyl ether	0.90	Not Detected	3.3	Not Detected
1,1,2,2-Tetrachloroethane	0.18	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-AA-FS-24-080404

ID#: 0408134-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081725**	**Date of Collection: 8/4/04**	
Dil. Factor:	**1.68**	**Date of Analysis: 8/18/04 09:50 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.67 J	0.17	3.4
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	0.37	0.19	2.1
1,1-Dichloroethene	0.017	0.14	0.068	0.58
Freon 113	0.034	0.33	0.26	2.6
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.034	0.11	0.21	0.72
Benzene	0.084	0.51	0.27	1.6
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	0.047	0.18	0.26
trans-1,3-Dichloropropene	0.034	Not Detected	0.16	Not Detected
Toluene	0.034	1.5	0.13	5.7
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	0.18	0.23	1.2
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.24	0.15	1.0
m,p-Xylene	0.067	0.82	0.30	3.6
o-Xylene	0.034	0.40	0.15	1.8
1,4-Dichlorobenzene	0.034	0.036	0.20	0.22
1,2-Dichlorobenzene	0.034	0.30	0.20	1.8
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.84	25	2.0	61
Methylene Chloride	0.34	0.44	1.2	1.5
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-AA-FS-24-080404 Duplicate

ID#: 0408134-10AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081723**	**Date of Collection: 8/4/04**	
Dil. Factor:	**1.68**	**Date of Analysis: 8/18/04 08:14 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.68 J	0.17	3.4
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	0.37	0.19	2.1
1,1-Dichloroethene	0.017	0.14	0.068	0.56
Freon 113	0.034	0.33	0.26	2.5
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	0.033 J	0.17	0.16 J
1,1,1-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.034	0.096	0.21	0.61
Benzene	0.084	0.53	0.27	1.7
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	0.046	0.18	0.25
trans-1,3-Dichloropropene	0.034	Not Detected	0.16	Not Detected
Toluene	0.034	1.5	0.13	5.6
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	0.20	0.23	1.4
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.24	0.15	1.1
m,p-Xylene	0.067	0.84	0.30	3.7
o-Xylene	0.034	0.40	0.15	1.8
1,4-Dichlorobenzene	0.034	0.043	0.20	0.26
1,2-Dichlorobenzene	0.034	0.33	0.20	2.0
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.84	26	2.0	62
Methylene Chloride	0.34	0.43	1.2	1.5
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-TB-080404

ID#: 0408134-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081724**	**Date of Collection: 8/4/04**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/18/04 09:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected U J	0.10	Not Detected U J
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.16	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.082	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.080	Not Detected
Chloroform	0.020	Not Detected	0.099	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.13	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.082	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.092	Not Detected
Toluene	0.020	Not Detected	0.076	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.094	Not Detected
Ethyl Benzene	0.020	Not Detected	0.088	Not Detected
m,p-Xylene	0.040	Not Detected	0.18	Not Detected
o-Xylene	0.020	Not Detected	0.088	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.71	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.37	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0408134-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081706a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/17/04 02:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected U J	0.10	Not Detected U J
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.16	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.082	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.080	Not Detected
Chloroform	0.020	Not Detected	0.099	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.13	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.082	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.092	Not Detected
Toluene	0.020	Not Detected	0.076	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.094	Not Detected
Ethyl Benzene	0.020	Not Detected	0.088	Not Detected
m,p-Xylene	0.040	Not Detected	0.18	Not Detected
o-Xylene	0.020	Not Detected	0.088	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.71	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.37	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0408134-12B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081810**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/18/04 06:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.10	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.16	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.082	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.080	Not Detected
Chloroform	0.020	Not Detected	0.099	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.13	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.082	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.092	Not Detected
Toluene	0.020	Not Detected	0.076	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.094	Not Detected
Ethyl Benzene	0.020	Not Detected	0.088	Not Detected
m,p-Xylene	0.040	Not Detected	0.18	Not Detected
o-Xylene	0.020	Not Detected	0.088	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.71	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.37	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0408134-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/17/04 10:44 AM**	

Compound	%Recovery
Freon 12	66 Q
Vinyl Chloride	82
Freon 11	86
1,1-Dichloroethene	90
Freon 113	75
1,1-Dichloroethane	100
cis-1,2-Dichloroethene	102
Chloroform	98
1,1,1-Trichloroethane	97
Carbon Tetrachloride	106
Benzene	86
1,2-Dichloroethane	96
Trichloroethene	118
trans-1,3-Dichloropropene	94
Toluene	92
1,1,2-Trichloroethane	99
Tetrachloroethene	96
Chlorobenzene	98
Ethyl Benzene	99
m,p-Xylene	100
o-Xylene	104
1,4-Dichlorobenzene	93
1,2-Dichlorobenzene	86
trans-1,2-Dichloroethene	99
Acetone	95
Methylene Chloride	104
Methyl tert-butyl ether	96
1,1,2,2-Tetrachloroethane	84

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0408134-13B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/18/04 10:59 AM**	

Compound	%Recovery
Freon 12	90
Vinyl Chloride	97
Freon 11	98
1,1-Dichloroethene	101
Freon 113	98
1,1-Dichloroethane	102
cis-1,2-Dichloroethene	107
Chloroform	98
1,1,1-Trichloroethane	98
Carbon Tetrachloride	109
Benzene	82
1,2-Dichloroethane	93
Trichloroethene	115
trans-1,3-Dichloropropene	101
Toluene	89
1,1,2-Trichloroethane	101
Tetrachloroethene	98
Chlorobenzene	100
Ethyl Benzene	103
m,p-Xylene	105
o-Xylene	110
1,4-Dichlorobenzene	95
1,2-Dichlorobenzene	84
trans-1,2-Dichloroethene	103
Acetone	93
Methylene Chloride	95
Methyl tert-butyl ether	101
1,1,2,2-Tetrachloroethane	86

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0408134-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/17/04 11:56 AM**	

Compound	%Recovery
Freon 12	96
Vinyl Chloride	114
Freon 11	99
1,1-Dichloroethene	95
Freon 113	92
1,1-Dichloroethane	89
cis-1,2-Dichloroethene	100
Chloroform	91
1,1,1-Trichloroethane	94
Carbon Tetrachloride	104
Benzene	86
1,2-Dichloroethane	86
Trichloroethene	114
trans-1,3-Dichloropropene	108
Toluene	91
1,1,2-Trichloroethane	99
Tetrachloroethene	96
Chlorobenzene	95
Ethyl Benzene	100
m,p-Xylene	96
o-Xylene	96
1,4-Dichlorobenzene	80
1,2-Dichlorobenzene	86
trans-1,2-Dichloroethene	114
Acetone	95
Methylene Chloride	95
Methyl tert-butyl ether	99
1,1,2,2-Tetrachloroethane	77

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0408134-14B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6081807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/18/04 03:49 PM**	

Compound	%Recovery
Freon 12	91
Vinyl Chloride	97
Freon 11	110
1,1-Dichloroethene	107
Freon 113	101
1,1-Dichloroethane	97
cis-1,2-Dichloroethene	109
Chloroform	98
1,1,1-Trichloroethane	103
Carbon Tetrachloride	115
Benzene	91
1,2-Dichloroethane	94
Trichloroethene	125
trans-1,3-Dichloropropene	122
Toluene	98
1,1,2-Trichloroethane	109
Tetrachloroethene	107
Chlorobenzene	107
Ethyl Benzene	113
m,p-Xylene	109
o-Xylene	111
1,4-Dichlorobenzene	101
1,2-Dichlorobenzene	108
trans-1,2-Dichloroethene	123
Acetone	103
Methylene Chloride	99
Methyl tert-butyl ether	108
1,1,2,2-Tetrachloroethane	86

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0501008

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500.37240 OMEGA
DATE RECEIVED:	01/03/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/14/2005		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-IA-FS-01-122904	Modified TO-15 SIM	6.5 "Hg
02A	OC-IA-FD-01-122904	Modified TO-15 SIM	5.5 "Hg
03A	OC-IA-FS-02-122904	Modified TO-15 SIM	0.5 "Hg
04A	OC-IA-FS-03-122904	Modified TO-15 SIM	7.0 "Hg
05A	OC-IA-FS-04-122904	Modified TO-15 SIM	6.5 "Hg
05AA	OC-IA-FS-04-122904 Duplicate	Modified TO-15 SIM	6.5 "Hg
06A	OC-IA-TB-122904	Modified TO-15 SIM	29.0 "Hg
07A	Lab Blank	Modified TO-15 SIM	NA
08A	CCV	Modified TO-15 SIM	NA
09A	LCS	Modified TO-15 SIM	NA

CERTIFIED BY: Linda D. Fruman DATE: 01/14/05

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 SIM
CDM
Workorder# 0501008

Six 6 Liter Summa Canister (SIM Certified) samples were received on January 03, 2005. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode. The method involves concentrating up to 0.5 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples include:

Requirement	***TO-15***	***ATL Modifications***
Blank and standards	Zero air	Nitrogen
Dilutions for initial calibration	Dynamic dilutions or static using canisters.	Syringe dilutions may also be utilized.
BFB acceptance criteria	CLP protocol	SW-846 protocol
Daily Calibration	+- 30% Difference	Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%.; flag and narrate outliers
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample OC-IA-FS-02-122904 due to the presence of high level target species.

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-FS-01-122904

Lab ID#: 0501008-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.61	0.17	3.0
Freon 11	0.034	5.0	0.19	28
1,1-Dichloroethene	0.017	14	0.068	55
Freon 113	0.034	13	0.26	98
Chloroform	0.034	0.051	0.17	0.25
1,1,1-Trichloroethane	0.034	0.045	0.19	0.24
Carbon Tetrachloride	0.034	0.087	0.22	0.55
Benzene	0.086	1.2	0.27	3.7
Trichloroethene	0.034	1.7	0.18	9.0
Toluene	0.034	7.6	0.13	29
Tetrachloroethene	0.034	11	0.23	77
Ethyl Benzene	0.034	1.6	0.15	6.8
m,p-Xylene	0.068	7.4	0.30	32
o-Xylene	0.034	2.8	0.15	12
1,4-Dichlorobenzene	0.034	0.095	0.20	0.57
Acetone	0.86	17	2.0	40
Methylene Chloride	0.34	0.61	1.2	2.1

Client Sample ID: OC-IA-FD-01-122904

Lab ID#: 0501008-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.033	0.63	0.16	3.1
Freon 11	0.033	4.9	0.18	28
1,1-Dichloroethene	0.016	14	0.065	54
Freon 113	0.033	12	0.25	96
Chloroform	0.033	0.055	0.16	0.27
1,1,1-Trichloroethane	0.033	0.050	0.18	0.27
Carbon Tetrachloride	0.033	0.085	0.21	0.54
Benzene	0.082	1.2	0.26	3.8
Trichloroethene	0.033	1.6	0.18	8.8
Toluene	0.033	11	0.12	43
Tetrachloroethene	0.033	11	0.22	76
Chlorobenzene	0.033	0.043	0.15	0.20
Ethyl Benzene	0.033	1.7	0.14	7.5
m,p-Xylene	0.066	7.6	0.28	33
o-Xylene	0.033	2.9	0.14	12

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-FD-01-122904

Lab ID#: 0501008-02A

1,4-Dichlorobenzene	0.033	0.10	0.20	0.63
Acetone	0.82	18	1.9	44
Methylene Chloride	0.33	0.68	1.1	2.4

Client Sample ID: OC-IA-FS-02-122904

Lab ID#: 0501008-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.054	0.64	0.27	3.2
Freon 11	0.054	4.3	0.30	24
1,1-Dichloroethene	0.027	11	0.11	45
Freon 113	0.054	11	0.42	81
Chloroform	0.054	0.081	0.26	0.40
Carbon Tetrachloride	0.054	0.085	0.34	0.53
Benzene	0.14	1.4	0.43	4.5
Trichloroethene	0.054	1.4	0.29	7.5
Toluene	0.054	40	0.20	150
Tetrachloroethene	0.054	9.6	0.37	65
Chlorobenzene	0.054	0.25	0.25	1.2
Ethyl Benzene	0.054	2.3	0.24	10
m,p-Xylene	0.11	7.6	0.47	33
o-Xylene	0.054	2.7	0.24	12
1,4-Dichlorobenzene	0.054	0.10	0.33	0.63
Acetone	1.4	18	3.2	44
Methylene Chloride	0.54	0.96	1.9	3.4

Client Sample ID: OC-IA-FS-03-122904

Lab ID#: 0501008-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.035	0.68	0.17	3.4
Freon 11	0.035	8.1	0.20	46
1,1-Dichloroethene	0.018	22	0.069	87
Freon 113	0.035	22	0.27	170
Chloroform	0.035	0.066	0.17	0.32
1,1,1-Trichloroethane	0.035	0.048	0.19	0.26
Carbon Tetrachloride	0.035	0.088	0.22	0.55
Benzene	0.088	1.5	0.28	4.7

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-FS-03-122904

Lab ID#: 0501008-04A

Trichloroethene	0.035	1.7	0.19	9.2
Toluene	0.035	8.5	0.13	32
Tetrachloroethene	0.035	12	0.24	83
Ethyl Benzene	0.035	1.4	0.15	6.2
m,p-Xylene	0.070	6.3	0.30	27
o-Xylene	0.035	2.2	0.15	9.5
1,4-Dichlorobenzene	0.035	0.10	0.21	0.60
Acetone	0.88	18	2.1	42
Methylene Chloride	0.35	0.60	1.2	2.1

Client Sample ID: OC-IA-FS-04-122904

Lab ID#: 0501008-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.62	0.17	3.0
Freon 11	0.034	5.1	0.19	28
1,1-Dichloroethene	0.017	14	0.068	56
Freon 113	0.034	13	0.26	100
Chloroform	0.034	0.050	0.17	0.24
1,1,1-Trichloroethane	0.034	0.048	0.19	0.26
Carbon Tetrachloride	0.034	0.088	0.22	0.55
Benzene	0.086	1.2	0.27	3.8
Trichloroethene	0.034	1.6	0.18	8.5
Toluene	0.034	7.5	0.13	28
Tetrachloroethene	0.034	12	0.23	80
Ethyl Benzene	0.034	1.5	0.15	6.6
m,p-Xylene	0.068	7.0	0.30	30
o-Xylene	0.034	2.5	0.15	11
1,4-Dichlorobenzene	0.034	0.094	0.20	0.56
Acetone	0.86	16	2.0	39
Methylene Chloride	0.34	0.67	1.2	2.3

Client Sample ID: OC-IA-FS-04-122904 Duplicate

Lab ID#: 0501008-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.63	0.17	3.1
Freon 11	0.034	5.2	0.19	29

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-FS-04-122904 Duplicate

Lab ID#: 0501008-05AA

1,1-Dichloroethene	0.017	14	0.068	57
Freon 113	0.034	13	0.26	100
Chloroform	0.034	0.048	0.17	0.23
1,1,1-Trichloroethane	0.034	0.048	0.19	0.26
Carbon Tetrachloride	0.034	0.082	0.22	0.52
Benzene	0.086	1.2	0.27	3.9
Trichloroethene	0.034	1.6	0.18	8.7
Toluene	0.034	7.4	0.13	28
Tetrachloroethene	0.034	12	0.23	78
Ethyl Benzene	0.034	1.5	0.15	6.4
m,p-Xylene	0.068	6.8	0.30	30
o-Xylene	0.034	2.5	0.15	11
1,4-Dichlorobenzene	0.034	0.092	0.20	0.55
Acetone	0.86	17	2.0	40
Methylene Chloride	0.34	0.68	1.2	2.4

Client Sample ID: OC-IA-TB-122904

Lab ID#: 0501008-06A

No Detections Were Found.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-FS-01-122904

Lab ID#: 0501008-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010408**	**Date of Collection:**	**12/30/04**
Dil. Factor:	**1.71**	**Date of Analysis:**	**1/4/05 07:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.61	0.17	3.0
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	5.0	0.19	28
1,1-Dichloroethene	0.017	14	0.068	55
Freon 113	0.034	13	0.26	98
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	0.051	0.17	0.25
1,1,1-Trichloroethane	0.034	0.045	0.19	0.24
Carbon Tetrachloride	0.034	0.087	0.22	0.55
Benzene	0.086	1.2	0.27	3.7
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	1.7	0.18	9.0
trans-1,3-Dichloropropene	0.034	Not Detected	0.16	Not Detected
Toluene	0.034	7.6	0.13	29
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	11	0.23	77
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	1.6	0.15	6.8
m,p-Xylene	0.068	7.4	0.30	32
o-Xylene	0.034	2.8	0.15	12
1,4-Dichlorobenzene	0.034	0.095	0.20	0.57
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	17	2.0	40
Methylene Chloride	0.34	0.61	1.2	2.1
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-FD-01-122904

Lab ID#: 0501008-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010409**	**Date of Collection: 12/30/04**	
Dil. Factor:	**1.64**	**Date of Analysis: 1/4/05 08:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.033	0.63	0.16	3.1
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
Freon 11	0.033	4.9	0.18	28
1,1-Dichloroethene	0.016	14	0.065	54
Freon 113	0.033	12	0.25	96
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.055	0.16	0.27
1,1,1-Trichloroethane	0.033	0.050	0.18	0.27
Carbon Tetrachloride	0.033	0.085	0.21	0.54
Benzene	0.082	1.2	0.26	3.8
1,2-Dichloroethane	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	1.6	0.18	8.8
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	11	0.12	43
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	11	0.22	76
Chlorobenzene	0.033	0.043	0.15	0.20
Ethyl Benzene	0.033	1.7	0.14	7.5
m,p-Xylene	0.066	7.6	0.28	33
o-Xylene	0.033	2.9	0.14	12
1,4-Dichlorobenzene	0.033	0.10	0.20	0.63
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Acetone	0.82	18	1.9	44
Methylene Chloride	0.33	0.68	1.1	2.4
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-FS-02-122904

Lab ID#: 0501008-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010413**	**Date of Collection:**	**12/30/04**
Dil. Factor:	**2.72**	**Date of Analysis:**	**1/5/05 12:03 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.054	0.64	0.27	3.2
Vinyl Chloride	0.027	Not Detected	0.070	Not Detected
Freon 11	0.054	4.3	0.30	24
1,1-Dichloroethene	0.027	11	0.11	45
Freon 113	0.054	11	0.42	81
1,1-Dichloroethane	0.054	Not Detected	0.22	Not Detected
cis-1,2-Dichloroethene	0.054	Not Detected	0.22	Not Detected
Chloroform	0.054	0.081	0.26	0.40
1,1,1-Trichloroethane	0.054	Not Detected	0.30	Not Detected
Carbon Tetrachloride	0.054	0.085	0.34	0.53
Benzene	0.14	1.4	0.43	4.5
1,2-Dichloroethane	0.054	Not Detected	0.22	Not Detected
Trichloroethene	0.054	1.4	0.29	7.5
trans-1,3-Dichloropropene	0.054	Not Detected	0.25	Not Detected
Toluene	0.054	40	0.20	150
1,1,2-Trichloroethane	0.054	Not Detected	0.30	Not Detected
Tetrachloroethene	0.054	9.6	0.37	65
Chlorobenzene	0.054	0.25	0.25	1.2
Ethyl Benzene	0.054	2.3	0.24	10
m,p-Xylene	0.11	7.6	0.47	33
o-Xylene	0.054	2.7	0.24	12
1,4-Dichlorobenzene	0.054	0.10	0.33	0.63
1,2-Dichlorobenzene	0.054	Not Detected	0.33	Not Detected
trans-1,2-Dichloroethene	0.27	Not Detected	1.1	Not Detected
Acetone	1.4	18	3.2	44
Methylene Chloride	0.54	0.96	1.9	3.4
Methyl tert-butyl ether	0.27	Not Detected	0.98	Not Detected
1,1,2,2-Tetrachloroethane	0.054	Not Detected	0.37	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-FS-03-122904

Lab ID#: 0501008-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010414**	**Date of Collection: 12/30/04**	
Dil. Factor:	**1.75**	**Date of Analysis: 1/5/05 06:45 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.035	0.68	0.17	3.4
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	8.1	0.20	46
1,1-Dichloroethene	0.018	22	0.069	87
Freon 113	0.035	22	0.27	170
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.066	0.17	0.32
1,1,1-Trichloroethane	0.035	0.048	0.19	0.26
Carbon Tetrachloride	0.035	0.088	0.22	0.55
Benzene	0.088	1.5	0.28	4.7
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	1.7	0.19	9.2
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	8.5	0.13	32
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	12	0.24	83
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	1.4	0.15	6.2
m,p-Xylene	0.070	6.3	0.30	27
o-Xylene	0.035	2.2	0.15	9.5
1,4-Dichlorobenzene	0.035	0.10	0.21	0.60
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Acetone	0.88	18	2.1	42
Methylene Chloride	0.35	0.60	1.2	2.1
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-FS-04-122904

Lab ID#: 0501008-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010415**	**Date of Collection:**	**12/30/04**
Dil. Factor:	**1.71**	**Date of Analysis:**	**1/5/05 07:38 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.62	0.17	3.0
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	5.1	0.19	28
1,1-Dichloroethene	0.017	14	0.068	56
Freon 113	0.034	13	0.26	100
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	0.050	0.17	0.24
1,1,1-Trichloroethane	0.034	0.048	0.19	0.26
Carbon Tetrachloride	0.034	0.088	0.22	0.55
Benzene	0.086	1.2	0.27	3.8
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	1.6	0.18	8.5
trans-1,3-Dichloropropene	0.034	Not Detected	0.16	Not Detected
Toluene	0.034	7.5	0.13	28
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	12	0.23	80
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	1.5	0.15	6.6
m,p-Xylene	0.068	7.0	0.30	30
o-Xylene	0.034	2.5	0.15	11
1,4-Dichlorobenzene	0.034	0.094	0.20	0.56
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	16	2.0	39
Methylene Chloride	0.34	0.67	1.2	2.3
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-FS-04-122904 Duplicate

Lab ID#: 0501008-05AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010417**	**Date of Collection:**	**12/30/04**
Dil. Factor:	**1.71**	**Date of Analysis:**	**1/5/05 10:50 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.63	0.17	3.1
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	5.2	0.19	29
1,1-Dichloroethene	0.017	14	0.068	57
Freon 113	0.034	13	0.26	100
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	0.048	0.17	0.23
1,1,1-Trichloroethane	0.034	0.048	0.19	0.26
Carbon Tetrachloride	0.034	0.082	0.22	0.52
Benzene	0.086	1.2	0.27	3.9
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	1.6	0.18	8.7
trans-1,3-Dichloropropene	0.034	Not Detected	0.16	Not Detected
Toluene	0.034	7.4	0.13	28
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	12	0.23	78
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	1.5	0.15	6.4
m,p-Xylene	0.068	6.8	0.30	30
o-Xylene	0.034	2.5	0.15	11
1,4-Dichlorobenzene	0.034	0.092	0.20	0.55
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	17	2.0	40
Methylene Chloride	0.34	0.68	1.2	2.4
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-TB-122904

Lab ID#: 0501008-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010416**	**Date of Collection:**	**12/30/04**
Dil. Factor:	**1.00**	**Date of Analysis:**	**1/5/05 08:31 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	82	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0501008-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/05 05:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0501008-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/05 12:47 PM**	

Compound	%Recovery
Freon 12	97
Vinyl Chloride	92
Freon 11	85
1,1-Dichloroethene	99
Freon 113	104
1,1-Dichloroethane	94
cis-1,2-Dichloroethene	99
Chloroform	94
1,1,1-Trichloroethane	100
Carbon Tetrachloride	107
Benzene	78
1,2-Dichloroethane	93
Trichloroethene	92
trans-1,3-Dichloropropene	101
Toluene	94
1,1,2-Trichloroethane	99
Tetrachloroethene	97
Chlorobenzene	98
Ethyl Benzene	108
m,p-Xylene	112
o-Xylene	118
1,4-Dichlorobenzene	84
1,2-Dichlorobenzene	76
trans-1,2-Dichloroethene	98
Acetone	89
Methylene Chloride	73
Methyl tert-butyl ether	99
1,1,2,2-Tetrachloroethane	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0501008-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/05 01:54 PM**	

Compound	%Recovery
Freon 12	85
Vinyl Chloride	87
Freon 11	91
1,1-Dichloroethene	100
Freon 113	101
1,1-Dichloroethane	85
cis-1,2-Dichloroethene	93
Chloroform	91
1,1,1-Trichloroethane	101
Carbon Tetrachloride	109
Benzene	84
1,2-Dichloroethane	92
Trichloroethene	100
trans-1,3-Dichloropropene	118
Toluene	101
1,1,2-Trichloroethane	104
Tetrachloroethene	102
Chlorobenzene	102
Ethyl Benzene	115
m,p-Xylene	115
o-Xylene	115
1,4-Dichlorobenzene	90
1,2-Dichlorobenzene	94
trans-1,2-Dichloroethene	112
Acetone	90
Methylene Chloride	73
Methyl tert-butyl ether	102
1,1,2,2-Tetrachloroethane	81

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

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CHAIN-OF-CUSTODY RECORD

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Contact Person Sharon Wallin
Company CDM Email
Address 18581 Telleche City Irvine State CA Zip 92612
Phone (949) 752 5452 Fax
Collected by: (Signature) Sibel Tekce

Project Info:
P.O. #
Project # 10500-37240
Project Name OMEGA

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: BB
Date: 1/4/05
Pressurization Gas: N2 He

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psig)
01A	OC-IA-FS-01-122804	12/30/04	6:13	TO-15 SIM	29	8	6.5"Hg	5.0 psi
02A	OC-IA-FD-01-122804	↓	6:14	"	30	10.5	5.5"Hg	
03A	OC-IA-FS-02-122904		6:20	"	29	7	6.5"Hg	
04A	OC-IA-FS-03-122904		6:22	"	30	7.5	7.0"Hg	
05A	OC-IA-FS-04-122904		6:15	"	28.5	7	6.5"Hg	
06A	OC-IA-TB-122804	↓	—	"			29.0"Hg	↓

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Notes:
[signature]	12/30/04	Cmaisie for Doug FM	1/3/05 0715	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FEDEX	6429 3888 7347	—	good	Yes No (None)	0501008

Form 1293 rev. 10

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0501214

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500 Omega
DATE RECEIVED:	01/17/2005	**CONTACT:**	Taryn Badal
DATE COMPLETED:	01/28/2005		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-IA-FS-01-011205	Modified TO-15 SIM	0.0 "Hg
02A	OC-IA-FD-01-011205	Modified TO-15 SIM	4.5 "Hg
03A	OC-IA-FS-02-011205	Modified TO-15 SIM	6.0 "Hg
04A	OC-IA-FS-03-011205	Modified TO-15 SIM	6.5 "Hg
05A	OC-IA-FS-04-011205	Modified TO-15 SIM	5.0 "Hg
05AA	OC-IA-FS-04-011205 Duplicate	Modified TO-15 SIM	5.0 "Hg
06A	OC-IA-TB-011205	Modified TO-15 SIM	29.0 "Hg
07A	Lab Blank	Modified TO-15 SIM	NA
07B	Lab Blank	Modified TO-15 SIM	NA
08A	CCV	Modified TO-15 SIM	NA
08B	CCV	Modified TO-15 SIM	NA
09A	LCS	Modified TO-15 SIM	NA
09B	LCS	Modified TO-15 SIM	NA

CERTIFIED BY: Linda D. Fruman DATE: 01/28/05

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 SIM
CDM
Workorder# 0501214

Six 6 Liter Summa Canister (SIM Certified) samples were received on January 17, 2005. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode. The method involves concentrating up to 0.5 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples include:

Requirement	***TO-15***	***ATL Modifications***
Blank and standards	Zero air	Nitrogen
Dilutions for initial calibration	Dynamic dilutions or static using canisters.	Syringe dilutions may also be utilized.
BFB acceptance criteria	CLP protocol	SW-846 protocol
Daily Calibration	</= 30% Difference	Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%.; flag and narrate outliers
ICAL %RSD acceptance criteria	</= 30% RSD	Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD

Receiving Notes

The canister valve on sample OC-IA-FS-01-011205 was received open, however the brass cap appeared to be tightly sealed. The client was notified and requested that the analysis proceed.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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SAMPLE NAME: OC-IA-FS-01-011205

ID#: 0501214-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012015**	**Date of Collection:**	**1/12/05**
Dil. Factor:	**1.34**	**Date of Analysis:**	**1/21/05 08:26 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.027	0.60	0.13	3.0
Vinyl Chloride	0.013	Not Detected	0.034	Not Detected
Freon 11	0.027	8.0	0.15	45
1,1-Dichloroethene	0.013	20	0.053	78
Freon 113	0.027	22	0.20	170
1,1-Dichloroethane	0.027	Not Detected	0.11	Not Detected
cis-1,2-Dichloroethene	0.027	Not Detected	0.11	Not Detected
Chloroform	0.027	0.061	0.13	0.30
1,1,1-Trichloroethane	0.027	0.048	0.15	0.26
Carbon Tetrachloride	0.027	0.098	0.17	0.62
Benzene	0.067	1.0	0.21	3.3
1,2-Dichloroethane	0.027	Not Detected	0.11	Not Detected
Trichloroethene	0.027	2.1	0.14	11
trans-1,3-Dichloropropene	0.027	Not Detected	0.12	Not Detected
Toluene	0.027	6.6	0.10	25
1,1,2-Trichloroethane	0.027	Not Detected	0.15	Not Detected
Tetrachloroethene	0.027	4.8	0.18	33
Chlorobenzene	0.027	Not Detected	0.12	Not Detected
Ethyl Benzene	0.027	0.73	0.12	3.2
m,p-Xylene	0.054	2.8	0.23	12
o-Xylene	0.027	0.93 J	0.12	4.0 J
1,4-Dichlorobenzene	0.027	0.052	0.16	0.31
1,2-Dichlorobenzene	0.027	Not Detected	0.16	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Acetone	0.67	12	1.6	29
Methylene Chloride	0.27	1.5	0.93	5.1
Methyl tert-butyl ether	0.13	Not Detected	0.48	Not Detected
1,1,2,2-Tetrachloroethane	0.027	Not Detected	0.18	Not Detected

J = Estimated value due to bias in the CCV.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FD-01-011205

ID#: 0501214-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012016**	**Date of Collection:**	**1/12/05**
Dil. Factor:	**1.58**	**Date of Analysis:**	**1/21/05 09:09 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.032	0.58	0.16	2.8
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
Freon 11	0.032	9.4	0.18	52
1,1-Dichloroethene	0.016	24	0.063	95
Freon 113	0.032	28	0.24	210
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.12	Not Detected
Chloroform	0.032	0.064	0.15	0.32
1,1,1-Trichloroethane	0.032	0.068	0.17	0.37
Carbon Tetrachloride	0.032	0.10	0.20	0.63
Benzene	0.079	0.94	0.25	3.0
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	2.3	0.17	12
trans-1,3-Dichloropropene	0.032	Not Detected	0.14	Not Detected
Toluene	0.032	7.4	0.12	28
1,1,2-Trichloroethane	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	5.6	0.21	38
Chlorobenzene	0.032	Not Detected	0.14	Not Detected
Ethyl Benzene	0.032	0.65	0.14	2.8
m,p-Xylene	0.063	2.3	0.27	10
o-Xylene	0.032	0.78 J	0.14	3.4 J
1,4-Dichlorobenzene	0.032	0.049	0.19	0.29
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Acetone	0.79	10	1.9	25
Methylene Chloride	0.32	1.7	1.1	6.0
Methyl tert-butyl ether	0.16	Not Detected	0.57	Not Detected
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

J = Estimated value due to bias in the CCV.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-02-011205

ID#: 0501214-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012017**	**Date of Collection:**	**1/12/05**
Dil. Factor:	**1.68**	**Date of Analysis:**	**1/21/05 09:54 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.62	0.17	3.0
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	10	0.19	59
1,1-Dichloroethene	0.017	26	0.067	100
Freon 113	0.034	28	0.26	220
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.073	0.16	0.36
1,1,1-Trichloroethane	0.034	0.048	0.18	0.26
Carbon Tetrachloride	0.034	0.11	0.21	0.71
Benzene	0.084	0.96	0.27	3.1
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	2.6	0.18	14
trans-1,3-Dichloropropene	0.034	Not Detected	0.15	Not Detected
Toluene	0.034	3.3	0.13	12
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	6.3	0.23	43
Chlorobenzene	0.034	Not Detected	0.15	Not Detected
Ethyl Benzene	0.034	0.44	0.14	1.9
m,p-Xylene	0.067	1.8	0.29	8.0
o-Xylene	0.034	0.61 J	0.14	2.6 J
1,4-Dichlorobenzene	0.034	0.053	0.20	0.32
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.84	21	2.0	50
Methylene Chloride	0.34	0.82	1.2	2.8
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

J = Estimated value due to bias in the CCV.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-03-011205

ID#: 0501214-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012105**	**Date of Collection:**	**1/12/05**
Dil. Factor:	**9.50**	**Date of Analysis:**	**1/21/05 04:15 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.19	1.0	0.94	5.2
Vinyl Chloride	0.095	Not Detected	0.24	Not Detected
Freon 11	0.19	38	1.1	210
1,1-Dichloroethene	0.095	71	0.38	280
Freon 113	0.19	130	1.4	1000
1,1-Dichloroethane	0.19	Not Detected	0.77	Not Detected
cis-1,2-Dichloroethene	0.19	Not Detected	0.75	Not Detected
Chloroform	0.19	Not Detected	0.93	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected	1.0	Not Detected
Carbon Tetrachloride	0.19	Not Detected	1.2	Not Detected
Benzene	0.48	8.4	1.5	27
1,2-Dichloroethane	0.19	Not Detected	0.77	Not Detected
Trichloroethene	0.19	2.5	1.0	14
trans-1,3-Dichloropropene	0.19	Not Detected	0.86	Not Detected
Toluene	0.19	36	0.72	140
1,1,2-Trichloroethane	0.19	Not Detected	1.0	Not Detected
Tetrachloroethene	0.19	6.4	1.3	44
Chlorobenzene	0.19	Not Detected	0.87	Not Detected
Ethyl Benzene	0.19	8.2	0.82	36
m,p-Xylene	0.38	31	1.6	130
o-Xylene	0.19	10 J	0.82	44 J
1,4-Dichlorobenzene	0.19	0.29	1.1	1.8
1,2-Dichlorobenzene	0.19	0.21	1.1	1.2
trans-1,2-Dichloroethene	0.95	Not Detected	3.8	Not Detected
Acetone	4.8	12	11	29
Methylene Chloride	1.9	3.5	6.6	12
Methyl tert-butyl ether	0.95	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected	1.3	Not Detected

J = Estimated value due to bias in the CCV.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-04-011205

ID#: 0501214-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012110**	**Date of Collection:**	**1/12/05**
Dil. Factor:	**2.01**	**Date of Analysis:**	**1/21/05 08:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.040	0.70	0.20	3.4
Vinyl Chloride	0.020	Not Detected	0.051	Not Detected
Freon 11	0.040	13	0.22	74
1,1-Dichloroethene	0.020	33	0.080	130
Freon 113	0.040	34	0.31	260
1,1-Dichloroethane	0.040	Not Detected	0.16	Not Detected
cis-1,2-Dichloroethene	0.040	Not Detected	0.16	Not Detected
Chloroform	0.040	0.047	0.20	0.23
1,1,1-Trichloroethane	0.040	0.074	0.22	0.40
Carbon Tetrachloride	0.040	0.10	0.25	0.64
Benzene	0.10	1.2	0.32	3.8
1,2-Dichloroethane	0.040	Not Detected	0.16	Not Detected
Trichloroethene	0.040	2.6	0.22	14
trans-1,3-Dichloropropene	0.040	Not Detected	0.18	Not Detected
Toluene	0.040	8.1	0.15	31
1,1,2-Trichloroethane	0.040	Not Detected	0.22	Not Detected
Tetrachloroethene	0.040	8.3	0.27	56
Chlorobenzene	0.040	Not Detected	0.18	Not Detected
Ethyl Benzene	0.040	0.73	0.17	3.2
m,p-Xylene	0.080	2.5	0.35	11
o-Xylene	0.040	0.84 J	0.17	3.6 J
1,4-Dichlorobenzene	0.040	0.050	0.24	0.30
1,2-Dichlorobenzene	0.040	Not Detected	0.24	Not Detected
trans-1,2-Dichloroethene	0.20	Not Detected	0.80	Not Detected
Acetone	1.0	14	2.4	33
Methylene Chloride	0.40	1.6	1.4	5.5
Methyl tert-butyl ether	0.20	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.040	Not Detected	0.28	Not Detected

J = Estimated value due to bias in the CCV.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-FS-04-011205 Duplicate

ID#: 0501214-05AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012111**	**Date of Collection: 1/12/05**	
Dil. Factor:	**2.01**	**Date of Analysis: 1/21/05 09:30 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.040	0.64	0.20	3.2
Vinyl Chloride	0.020	Not Detected	0.051	Not Detected
Freon 11	0.040	12	0.22	71
1,1-Dichloroethene	0.020	32	0.080	130
Freon 113	0.040	33	0.31	250
1,1-Dichloroethane	0.040	Not Detected	0.16	Not Detected
cis-1,2-Dichloroethene	0.040	Not Detected	0.16	Not Detected
Chloroform	0.040	0.047	0.20	0.23
1,1,1-Trichloroethane	0.040	0.074	0.22	0.40
Carbon Tetrachloride	0.040	0.10	0.25	0.64
Benzene	0.10	1.2	0.32	3.8
1,2-Dichloroethane	0.040	Not Detected	0.16	Not Detected
Trichloroethene	0.040	2.6	0.22	14
trans-1,3-Dichloropropene	0.040	Not Detected	0.18	Not Detected
Toluene	0.040	8.2	0.15	31
1,1,2-Trichloroethane	0.040	Not Detected	0.22	Not Detected
Tetrachloroethene	0.040	8.3	0.27	56
Chlorobenzene	0.040	Not Detected	0.18	Not Detected
Ethyl Benzene	0.040	0.72	0.17	3.1
m,p-Xylene	0.080	2.5	0.35	11
o-Xylene	0.040	0.83 J	0.17	3.6 J
1,4-Dichlorobenzene	0.040	0.049	0.24	0.30
1,2-Dichlorobenzene	0.040	Not Detected	0.24	Not Detected
trans-1,2-Dichloroethene	0.20	Not Detected	0.80	Not Detected
Acetone	1.0	14	2.4	34
Methylene Chloride	0.40	1.6	1.4	5.5
Methyl tert-butyl ether	0.20	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.040	Not Detected	0.28	Not Detected

J = Estimated value due to bias in the CCV.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-IA-TB-011205

ID#: 0501214-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012109**	**Date of Collection:**	**1/12/05**
Dil. Factor:	**1.00**	**Date of Analysis:**	**1/21/05 07:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0501214-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012010**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/20/05 09:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0501214-07B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/21/05 03:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0501214-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/20/05 05:50 PM**	

Compound	%Recovery
Freon 12	104
Vinyl Chloride	107
Freon 11	109
1,1-Dichloroethene	113
Freon 113	107
1,1-Dichloroethane	109
cis-1,2-Dichloroethene	120
Chloroform	107
1,1,1-Trichloroethane	110
Carbon Tetrachloride	112
Benzene	105
1,2-Dichloroethane	105
Trichloroethene	98
trans-1,3-Dichloropropene	123
Toluene	105
1,1,2-Trichloroethane	111
Tetrachloroethene	108
Chlorobenzene	102
Ethyl Benzene	120
m,p-Xylene	127
o-Xylene	136 Q
1,4-Dichlorobenzene	107
1,2-Dichlorobenzene	104
trans-1,2-Dichloroethene	117
Acetone	87
Methylene Chloride	103
Methyl tert-butyl ether	131 Q
1,1,2,2-Tetrachloroethane	102

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0501214-08B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/21/05 01:30 PM**	

Compound	%Recovery
Freon 12	107
Vinyl Chloride	109
Freon 11	100
1,1-Dichloroethene	111
Freon 113	107
1,1-Dichloroethane	105
cis-1,2-Dichloroethene	120
Chloroform	105
1,1,1-Trichloroethane	109
Carbon Tetrachloride	110
Benzene	104
1,2-Dichloroethane	102
Trichloroethene	101
trans-1,3-Dichloropropene	120
Toluene	107
1,1,2-Trichloroethane	109
Tetrachloroethene	109
Chlorobenzene	102
Ethyl Benzene	121
m,p-Xylene	128
o-Xylene	138 Q
1,4-Dichlorobenzene	113
1,2-Dichlorobenzene	111
trans-1,2-Dichloroethene	119
Acetone	90
Methylene Chloride	102
Methyl tert-butyl ether	131 Q
1,1,2,2-Tetrachloroethane	101

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0501214-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012009**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/20/05 06:49 PM**	

Compound	%Recovery
Freon 12	91
Vinyl Chloride	90
Freon 11	96
1,1-Dichloroethene	104
Freon 113	99
1,1-Dichloroethane	98
cis-1,2-Dichloroethene	104
Chloroform	98
1,1,1-Trichloroethane	93
Carbon Tetrachloride	99
Benzene	98
1,2-Dichloroethane	97
Trichloroethene	93
trans-1,3-Dichloropropene	109
Toluene	104
1,1,2-Trichloroethane	101
Tetrachloroethene	104
Chlorobenzene	95
Ethyl Benzene	114
m,p-Xylene	118
o-Xylene	118
1,4-Dichlorobenzene	86
1,2-Dichlorobenzene	83
trans-1,2-Dichloroethene	127
Acetone	92
Methylene Chloride	97
Methyl tert-butyl ether	118
1,1,2,2-Tetrachloroethane	87

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0501214-09B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**u012103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/21/05 02:21 PM**	

Compound	%Recovery
Freon 12	99
Vinyl Chloride	94
Freon 11	95
1,1-Dichloroethene	102
Freon 113	100
1,1-Dichloroethane	93
cis-1,2-Dichloroethene	101
Chloroform	93
1,1,1-Trichloroethane	90
Carbon Tetrachloride	97
Benzene	93
1,2-Dichloroethane	90
Trichloroethene	90
trans-1,3-Dichloropropene	107
Toluene	99
1,1,2-Trichloroethane	100
Tetrachloroethene	104
Chlorobenzene	94
Ethyl Benzene	112
m,p-Xylene	117
o-Xylene	116
1,4-Dichlorobenzene	86
1,2-Dichlorobenzene	84
trans-1,2-Dichloroethene	124
Acetone	86
Methylene Chloride	94
Methyl tert-butyl ether	124
1,1,2,2-Tetrachloroethane	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

WORK ORDER #: 0509369

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500-37240 OMEGA
DATE RECEIVED:	09/16/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/28/2005		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-IA-FS-13-091405	Modified TO-15 SIM	8.5 "Hg
02A	OC-IA-FS-14-091405	Modified TO-15 SIM	8.5 "Hg
03A	OC-AA-FS-03-091405	Modified TO-15 SIM	8.0 "Hg
04A	OC-AA-FS-10-091405	Modified TO-15 SIM	5.0 "Hg
05A	OC-AA-FS-11-091405	Modified TO-15 SIM	8.0 "Hg
06A	OC-AA-FS-16-091405	Modified TO-15 SIM	6.0 "Hg
07A	OC-AA-FS-17-091405	Modified TO-15 SIM	5.0 "Hg
08A	OC-AA-FS-18-091405	Modified TO-15 SIM	4.5 "Hg
09A	OC-AA-FS-02-091405	Modified TO-15 SIM	8.0 "Hg
10A	OC-AA-FD-02-091405	Modified TO-15 SIM	8.0 "Hg
11A	OC-AA-FS-08-091405	Modified TO-15 SIM	8.5 "Hg
12A	OC-IA-FS-07-091405	Modified TO-15 SIM	8.0 "Hg
13A	OC-IA-FD-07-091405	Modified TO-15 SIM	7.0 "Hg
14A	OC-IA-FD-09-091405	Modified TO-15 SIM	6.0 "Hg
14AA	OC-IA-FD-09-091405 Duplicate	Modified TO-15 SIM	6.0 "Hg
15A	OC-IA-FD-05-091405	Modified TO-15 SIM	4.5 "Hg
16A	OC-IA-FD-06-091405	Modified TO-15 SIM	8.0 "Hg

Continued on next page

WORK ORDER #: 0509369

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500-37240 OMEGA
DATE RECEIVED:	09/16/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/28/2005		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
17A	Lab Blank	Modified TO-15 SIM	NA
17B	Lab Blank	Modified TO-15 SIM	NA
17C	Lab Blank	Modified TO-15 SIM	NA
18A	CCV	Modified TO-15 SIM	NA
18B	CCV	Modified TO-15 SIM	NA
18C	CCV	Modified TO-15 SIM	NA
19A	LCS	Modified TO-15 SIM	NA
19B	LCS	Modified TO-15 SIM	NA
19C	LCS	Modified TO-15 SIM	NA

CERTIFIED BY: Linda J. Fruman DATE: 09/28/05

Laboratory Director

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
CDM
Workorder# 0509369

Sixteen 6 Liter Summa Canister (SIM Certified) samples were received on September 16, 2005. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode. The method involves concentrating up to 0.5 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples include:

Requirement	***TO-15***	***ATL Modifications***
Blank and standards	Zero air	Nitrogen
Dilutions for initial calibration	Dynamic dilutions or static using canisters.	Syringe dilutions may also be utilized.
BFB acceptance criteria	CLP protocol	SW-846 protocol
Daily Calibration	+- 30% Difference	Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%.; flag and narrate outliers
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD

Receiving Notes

The Chain of Custody (COC) information for samples OC-AA-FS-16-091405 and OC-AA-FS-18-091405 did not match the entries on the sample tags with regard to sample identification. The discrepancy was noted in the Sample Receipt Confirmation email/fax and the information on the COC was used to process and report the samples.

The Chain of Custody was not relinquished properly. The discrepancy was noted in the Sample Receipt Confirmation email/fax.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-FS-13-091405

Lab ID#: 0509369-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.28	0.18	1.4
Freon 11	0.037	0.68	0.21	3.8
1,1-Dichloroethene	0.019	1.2	0.074	4.9
Freon 113	0.037	0.54	0.29	4.2
Carbon Tetrachloride	0.037	0.091	0.24	0.57
Benzene	0.094	0.88	0.30	2.8
Trichloroethene	0.037	0.40	0.20	2.2
Toluene	0.037	9.7	0.14	36
Tetrachloroethene	0.037	1.1	0.25	7.6
Ethyl Benzene	0.037	0.73	0.16	3.2
m,p-Xylene	0.075	3.3	0.32	14
o-Xylene	0.037	0.66	0.16	2.9
Acetone	0.94	10	2.2	24
Methylene Chloride	0.37	14	1.3	49

Client Sample ID: OC-IA-FS-14-091405

Lab ID#: 0509369-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.094	0.62	0.46	3.1
Freon 11	0.094	1.0	0.52	5.9
1,1-Dichloroethene	0.047	2.3	0.18	9.2
Freon 113	0.094	0.89	0.72	6.8
Carbon Tetrachloride	0.094	0.10	0.59	0.65
Benzene	0.23	3.5	0.75	11
Trichloroethene	0.094	0.62	0.50	3.3
Toluene	0.094	45	0.35	170
Tetrachloroethene	0.094	1.9	0.63	13
Ethyl Benzene	0.094	3.8	0.41	16
m,p-Xylene	0.19	19	0.81	82
o-Xylene	0.094	3.8	0.41	17
Acetone	2.3	21	5.6	50
Methylene Chloride	0.94	74	3.2	260

Client Sample ID: OC-AA-FS-03-091405

Lab ID#: 0509369-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.40	0.18	2.0

Client Sample ID: OC-AA-FS-03-091405

Lab ID#: 0509369-03A

Freon 11	0.037	0.32	0.20	1.8
1,1-Dichloroethene	0.018	0.033	0.072	0.13
Freon 113	0.037	0.18	0.28	1.4
Carbon Tetrachloride	0.037	0.10	0.23	0.63
Benzene	0.092	0.31	0.29	0.99
Trichloroethene	0.037	0.078	0.20	0.42
Toluene	0.037	0.98	0.14	3.7
Tetrachloroethene	0.037	0.12	0.25	0.84
Ethyl Benzene	0.037	0.10	0.16	0.45
m,p-Xylene	0.073	0.30	0.32	1.3
o-Xylene	0.037	0.10	0.16	0.45
Acetone	0.92	6.0	2.2	14

Client Sample ID: OC-AA-FS-10-091405

Lab ID#: 0509369-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.032	0.37	0.16	1.8
Freon 11	0.032	2.1	0.18	12
1,1-Dichloroethene	0.016	2.6	0.064	10
Freon 113	0.032	4.4	0.25	34
Chloroform	0.032	0.056	0.16	0.27
Carbon Tetrachloride	0.032	0.13	0.20	0.84
Benzene	0.080	0.33	0.26	1.0
Trichloroethene	0.032	2.5	0.17	14
Toluene	0.032	2.0	0.12	7.4
Tetrachloroethene	0.032	3.3	0.22	22
Ethyl Benzene	0.032	0.17	0.14	0.72
m,p-Xylene	0.064	0.58	0.28	2.5
o-Xylene	0.032	0.21	0.14	0.90
1,4-Dichlorobenzene	0.032	0.034	0.19	0.20
Acetone	0.80	220 E	1.9	530 E
Methylene Chloride	0.32	0.48	1.1	1.7

Client Sample ID: OC-AA-FS-11-091405

Lab ID#: 0509369-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.25	0.18	1.2
Freon 11	0.037	0.97	0.20	5.4
1,1-Dichloroethene	0.018	0.74	0.072	2.9
Freon 113	0.037	2.2	0.28	17
Chloroform	0.037	0.066	0.18	0.32
Carbon Tetrachloride	0.037	0.20	0.23	1.3
Benzene	0.092	0.28	0.29	0.91
Trichloroethene	0.037	0.42	0.20	2.3
Toluene	0.037	1.3	0.14	4.8

Client Sample ID: OC-AA-FS-11-091405

Lab ID#: 0509369-05A

Tetrachloroethene	0.037	0.69	0.25	4.6
Ethyl Benzene	0.037	0.18	0.16	0.79
m,p-Xylene	0.073	0.62	0.32	2.7
o-Xylene	0.037	0.22	0.16	0.98
Acetone	0.92	9.1	2.2	22

Client Sample ID: OC-AA-FS-16-091405

Lab ID#: 0509369-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.49	0.17	2.4
Freon 11	0.034	12	0.19	66
1,1-Dichloroethene	0.017	22	0.067	88
Freon 113	0.034	27	0.26	210
Chloroform	0.034	0.059	0.16	0.29
1,1,1-Trichloroethane	0.034	0.071	0.18	0.39
Carbon Tetrachloride	0.034	0.10	0.21	0.63
Benzene	0.084	0.23	0.27	0.75
Trichloroethene	0.034	3.4	0.18	18
Toluene	0.034	0.99	0.13	3.7
Tetrachloroethene	0.034	8.7	0.23	59
Ethyl Benzene	0.034	0.14	0.14	0.59
m,p-Xylene	0.067	0.38	0.29	1.6
o-Xylene	0.034	0.12	0.14	0.52
Acetone	0.84	40 E	2.0	95 E
Methylene Chloride	0.34	0.38	1.2	1.3

Client Sample ID: OC-AA-FS-17-091405

Lab ID#: 0509369-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.064	0.62	0.32	3.1
Freon 11	0.064	14	0.36	78
1,1-Dichloroethene	0.032	26	0.13	100
Freon 113	0.064	29	0.49	220
Carbon Tetrachloride	0.064	0.090	0.40	0.56
Benzene	0.16	0.23	0.51	0.75
Trichloroethene	0.064	6.8	0.35	37
Toluene	0.064	0.91	0.24	3.4
Tetrachloroethene	0.064	12	0.44	83
Ethyl Benzene	0.064	0.11	0.28	0.47
m,p-Xylene	0.13	0.29	0.56	1.3
o-Xylene	0.064	0.083	0.28	0.36
Acetone	1.6	39	3.8	93

Client Sample ID: OC-AA-FS-18-091405

Lab ID#: 0509369-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.32	1.3	1.6	6.5
Freon 11	0.32	50	1.8	280
1,1-Dichloroethene	0.16	73	0.63	290
Freon 113	0.32	140	2.4	1000
Trichloroethene	0.32	5.0	1.7	27
Toluene	0.32	0.88	1.2	3.3
Tetrachloroethene	0.32	10	2.1	69
Acetone	7.9	14	19	32

Client Sample ID: OC-AA-FS-02-091405

Lab ID#: 0509369-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.48	0.18	2.4
Freon 11	0.037	15	0.20	86
1,1-Dichloroethene	0.018	31	0.072	120
Freon 113	0.037	36	0.28	280
Chloroform	0.037	0.045	0.18	0.22
1,1,1-Trichloroethane	0.037	0.059	0.20	0.32
Carbon Tetrachloride	0.037	0.11	0.23	0.67
Benzene	0.092	0.26	0.29	0.83
Trichloroethene	0.037	4.5	0.20	24
Toluene	0.037	1.1	0.14	4.3
Tetrachloroethene	0.037	13	0.25	86
Ethyl Benzene	0.037	0.13	0.16	0.55
m,p-Xylene	0.073	0.36	0.32	1.6
o-Xylene	0.037	0.12	0.16	0.52
Acetone	0.92	8.5	2.2	20
Methylene Chloride	0.37	0.37	1.3	1.3

Client Sample ID: OC-AA-FD-02-091405

Lab ID#: 0509369-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.046	0.55	0.23	2.7
Freon 11	0.046	15	0.26	86
1,1-Dichloroethene	0.023	30	0.091	120
Freon 113	0.046	36	0.35	280
Chloroform	0.046	0.045 J	0.22	0.22
1,1,1-Trichloroethane	0.046	0.060	0.25	0.33
Carbon Tetrachloride	0.046	0.11	0.29	0.68
Benzene	0.11	0.25	0.36	0.80
Trichloroethene	0.046	4.2	0.25	23
Toluene	0.046	1.1	0.17	4.1

Client Sample ID: OC-AA-FD-02-091405

Lab ID#: 0509369-10A

Tetrachloroethene	0.046	12	0.31	84
Ethyl Benzene	0.046	0.12	0.20	0.51
m,p-Xylene	0.092	0.32	0.40	1.4
o-Xylene	0.046	0.092	0.20	0.40
Acetone	1.1	8.1	2.7	19

Client Sample ID: OC-AA-FS-08-091405

Lab ID#: 0509369-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.37	0.18	1.8
Freon 11	0.037	0.35	0.21	2.0
1,1-Dichloroethene	0.019	0.11	0.074	0.45
Freon 113	0.037	0.20	0.29	1.5
Carbon Tetrachloride	0.037	0.099	0.24	0.62
Benzene	0.094	0.27	0.30	0.86
Trichloroethene	0.037	0.076	0.20	0.40
Toluene	0.037	1.2	0.14	4.6
Tetrachloroethene	0.037	0.26	0.25	1.7
Ethyl Benzene	0.037	0.14	0.16	0.63
m,p-Xylene	0.075	0.47	0.32	2.0
o-Xylene	0.037	0.12	0.16	0.51
Acetone	0.94	19	2.2	46

Client Sample ID: OC-IA-FS-07-091405

Lab ID#: 0509369-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.39	0.18	1.9
Freon 11	0.037	2.0	0.20	11
1,1-Dichloroethene	0.018	4.1	0.072	16
Freon 113	0.037	2.4	0.28	18
Chloroform	0.037	0.039	0.18	0.19
1,1,1-Trichloroethane	0.037	0.060	0.20	0.33
Carbon Tetrachloride	0.037	0.11	0.23	0.67
Benzene	0.092	1.6	0.29	5.3
Trichloroethene	0.037	1.2	0.20	6.5
Toluene	0.037	10	0.14	38
Tetrachloroethene	0.037	5.1	0.25	34
Ethyl Benzene	0.037	1.1	0.16	4.6
m,p-Xylene	0.073	4.8	0.32	21
o-Xylene	0.037	1.2	0.16	5.1
Acetone	0.92	150 E	2.2	350 E
Methylene Chloride	0.37	0.43	1.3	1.5

Client Sample ID: OC-IA-FD-07-091405

Lab ID#: 0509369-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.035	0.43	0.17	2.1
Freon 11	0.035	1.9	0.20	11
1,1-Dichloroethene	0.018	4.1	0.069	16
Freon 113	0.035	2.2	0.27	17
Chloroform	0.035	0.040	0.17	0.19
1,1,1-Trichloroethane	0.035	0.058	0.19	0.32
Carbon Tetrachloride	0.035	0.10	0.22	0.66
Benzene	0.088	1.6	0.28	5.0
Trichloroethene	0.035	1.0	0.19	5.5
Toluene	0.035	9.4	0.13	36
Tetrachloroethene	0.035	4.9	0.24	33
Ethyl Benzene	0.035	1.1	0.15	4.8
m,p-Xylene	0.070	5.0	0.30	22
o-Xylene	0.035	1.2	0.15	5.4
Acetone	0.88	140 E	2.1	330 E
Methylene Chloride	0.35	0.43	1.2	1.5

Client Sample ID: OC-IA-FD-09-091405

Lab ID#: 0509369-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	3.4	20	13	74
Acetone	84	2500	200	6000

Client Sample ID: OC-IA-FD-09-091405 Duplicate

Lab ID#: 0509369-14AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	3.4	18	13	66
Acetone	84	2300	200	5500

Client Sample ID: OC-IA-FD-05-091405

Lab ID#: 0509369-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.032	0.39	0.16	2.0
Freon 11	0.032	0.61	0.18	3.4
1,1-Dichloroethene	0.016	1.4	0.063	5.5
Freon 113	0.032	0.83	0.24	6.3
Chloroform	0.032	0.042	0.15	0.21
Carbon Tetrachloride	0.032	0.11	0.20	0.67
Benzene	0.079	0.36	0.25	1.1
Trichloroethene	0.032	0.30	0.17	1.6
Toluene	0.032	1.8	0.12	6.9

Client Sample ID: OC-IA-FD-05-091405

Lab ID#: 0509369-15A

Tetrachloroethene	0.032	5.7	0.21	39
Ethyl Benzene	0.032	0.21	0.14	0.93
m,p-Xylene	0.063	0.80	0.27	3.5
o-Xylene	0.032	0.23	0.14	1.0
1,4-Dichlorobenzene	0.032	0.045	0.19	0.27
Acetone	0.79	9.2	1.9	22
Methylene Chloride	0.32	0.35	1.1	1.2

Client Sample ID: OC-IA-FD-06-091405

Lab ID#: 0509369-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.30	0.18	1.5
Freon 11	0.037	0.61	0.20	3.4
1,1-Dichloroethene	0.018	1.5	0.072	6.0
Freon 113	0.037	0.89	0.28	6.8
Chloroform	0.037	0.044	0.18	0.21
Carbon Tetrachloride	0.037	0.10	0.23	0.63
Benzene	0.092	0.39	0.29	1.2
Trichloroethene	0.037	0.32	0.20	1.7
Toluene	0.037	1.7	0.14	6.5
Tetrachloroethene	0.037	6.6	0.25	45
Ethyl Benzene	0.037	0.22	0.16	0.95
m,p-Xylene	0.073	0.75	0.32	3.3
o-Xylene	0.037	0.22	0.16	0.96
Acetone	0.92	16	2.2	37
Methylene Chloride	0.37	0.37	1.3	1.3

AIR TOXICS LTD.

Client Sample ID: OC-IA-FS-13-091405

Lab ID#: 0509369-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092515**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.87**	**Date of Analysis:**	**9/26/05 02:55 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.28	0.18	1.4
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
Freon 11	0.037	0.68	0.21	3.8
1,1-Dichloroethene	0.019	1.2	0.074	4.9
Freon 113	0.037	0.54	0.29	4.2
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Chloroform	0.037	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.091	0.24	0.57
Benzene	0.094	0.88	0.30	2.8
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.40	0.20	2.2
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	9.7	0.14	36
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	1.1	0.25	7.6
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.73	0.16	3.2
m,p-Xylene	0.075	3.3	0.32	14
o-Xylene	0.037	0.66	0.16	2.9
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected
Acetone	0.94	10	2.2	24
Methylene Chloride	0.37	14	1.3	49
Methyl tert-butyl ether	0.19	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.26	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	109	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: OC-IA-FS-14-091405

Lab ID#: 0509369-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092519**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**4.68**	**Date of Analysis:**	**9/26/05 09:29 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.094	0.62	0.46	3.1
Vinyl Chloride	0.047	Not Detected	0.12	Not Detected
Freon 11	0.094	1.0	0.52	5.9
1,1-Dichloroethene	0.047	2.3	0.18	9.2
Freon 113	0.094	0.89	0.72	6.8
1,1-Dichloroethane	0.094	Not Detected	0.38	Not Detected
cis-1,2-Dichloroethene	0.094	Not Detected	0.37	Not Detected
Chloroform	0.094	Not Detected	0.46	Not Detected
1,1,1-Trichloroethane	0.094	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.094	0.10	0.59	0.65
Benzene	0.23	3.5	0.75	11
1,2-Dichloroethane	0.094	Not Detected	0.38	Not Detected
Trichloroethene	0.094	0.62	0.50	3.3
trans-1,3-Dichloropropene	0.094	Not Detected	0.42	Not Detected
Toluene	0.094	45	0.35	170
1,1,2-Trichloroethane	0.094	Not Detected	0.51	Not Detected
Tetrachloroethene	0.094	1.9	0.63	13
Chlorobenzene	0.094	Not Detected	0.43	Not Detected
Ethyl Benzene	0.094	3.8	0.41	16
m,p-Xylene	0.19	19	0.81	82
o-Xylene	0.094	3.8	0.41	17
1,4-Dichlorobenzene	0.094	Not Detected	0.56	Not Detected
1,2-Dichlorobenzene	0.094	Not Detected	0.56	Not Detected
trans-1,2-Dichloroethene	0.47	Not Detected	1.8	Not Detected
Acetone	2.3	21	5.6	50
Methylene Chloride	0.94	74	3.2	260
Methyl tert-butyl ether	0.47	Not Detected	1.7	Not Detected
1,1,2,2-Tetrachloroethane	0.094	Not Detected	0.64	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: OC-AA-FS-03-091405

Lab ID#: 0509369-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092520**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.83**	**Date of Analysis:**	**9/26/05 10:26 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.40	0.18	2.0
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
Freon 11	0.037	0.32	0.20	1.8
1,1-Dichloroethene	0.018	0.033	0.072	0.13
Freon 113	0.037	0.18	0.28	1.4
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Chloroform	0.037	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.10	0.23	0.63
Benzene	0.092	0.31	0.29	0.99
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.078	0.20	0.42
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	0.98	0.14	3.7
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.12	0.25	0.84
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.10	0.16	0.45
m,p-Xylene	0.073	0.30	0.32	1.3
o-Xylene	0.037	0.10	0.16	0.45
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Acetone	0.92	6.0	2.2	14
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.25	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: OC-AA-FS-10-091405

Lab ID#: 0509369-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092521**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.61**	**Date of Analysis:**	**9/26/05 11:06 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.032	0.37	0.16	1.8
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
Freon 11	0.032	2.1	0.18	12
1,1-Dichloroethene	0.016	2.6	0.064	10
Freon 113	0.032	4.4	0.25	34
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
Chloroform	0.032	0.056	0.16	0.27
1,1,1-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.032	0.13	0.20	0.84
Benzene	0.080	0.33	0.26	1.0
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	2.5	0.17	14
trans-1,3-Dichloropropene	0.032	Not Detected	0.15	Not Detected
Toluene	0.032	2.0	0.12	7.4
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Tetrachloroethene	0.032	3.3	0.22	22
Chlorobenzene	0.032	Not Detected	0.15	Not Detected
Ethyl Benzene	0.032	0.17	0.14	0.72
m,p-Xylene	0.064	0.58	0.28	2.5
o-Xylene	0.032	0.21	0.14	0.90
1,4-Dichlorobenzene	0.032	0.034	0.19	0.20
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.80	220 E	1.9	530 E
Methylene Chloride	0.32	0.48	1.1	1.7
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

Client Sample ID: OC-AA-FS-11-091405

Lab ID#: 0509369-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092523**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.83**	**Date of Analysis:**	**9/26/05 01:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.25	0.18	1.2
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
Freon 11	0.037	0.97	0.20	5.4
1,1-Dichloroethene	0.018	0.74	0.072	2.9
Freon 113	0.037	2.2	0.28	17
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Chloroform	0.037	0.066	0.18	0.32
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.20	0.23	1.3
Benzene	0.092	0.28	0.29	0.91
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.42	0.20	2.3
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	1.3	0.14	4.8
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.69	0.25	4.6
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.18	0.16	0.79
m,p-Xylene	0.073	0.62	0.32	2.7
o-Xylene	0.037	0.22	0.16	0.98
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Acetone	0.92	9.1	2.2	22
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.25	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

Client Sample ID: OC-AA-FS-16-091405

Lab ID#: 0509369-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092606**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.68**	**Date of Analysis:**	**9/26/05 07:12 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.49	0.17	2.4
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	12	0.19	66
1,1-Dichloroethene	0.017	22	0.067	88
Freon 113	0.034	27	0.26	210
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.059	0.16	0.29
1,1,1-Trichloroethane	0.034	0.071	0.18	0.39
Carbon Tetrachloride	0.034	0.10	0.21	0.63
Benzene	0.084	0.23	0.27	0.75
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	3.4	0.18	18
trans-1,3-Dichloropropene	0.034	Not Detected	0.15	Not Detected
Toluene	0.034	0.99	0.13	3.7
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	8.7	0.23	59
Chlorobenzene	0.034	Not Detected	0.15	Not Detected
Ethyl Benzene	0.034	0.14	0.14	0.59
m,p-Xylene	0.067	0.38	0.29	1.6
o-Xylene	0.034	0.12	0.14	0.52
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.84	40 E	2.0	95 E
Methylene Chloride	0.34	0.38	1.2	1.3
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: OC-AA-FS-17-091405

Lab ID#: 0509369-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092608**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**3.22**	**Date of Analysis:**	**9/26/05 09:16 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.064	0.62	0.32	3.1
Vinyl Chloride	0.032	Not Detected	0.082	Not Detected
Freon 11	0.064	14	0.36	78
1,1-Dichloroethene	0.032	26	0.13	100
Freon 113	0.064	29	0.49	220
1,1-Dichloroethane	0.064	Not Detected	0.26	Not Detected
cis-1,2-Dichloroethene	0.064	Not Detected	0.26	Not Detected
Chloroform	0.064	Not Detected	0.31	Not Detected
1,1,1-Trichloroethane	0.064	Not Detected	0.35	Not Detected
Carbon Tetrachloride	0.064	0.090	0.40	0.56
Benzene	0.16	0.23	0.51	0.75
1,2-Dichloroethane	0.064	Not Detected	0.26	Not Detected
Trichloroethene	0.064	6.8	0.35	37
trans-1,3-Dichloropropene	0.064	Not Detected	0.29	Not Detected
Toluene	0.064	0.91	0.24	3.4
1,1,2-Trichloroethane	0.064	Not Detected	0.35	Not Detected
Tetrachloroethene	0.064	12	0.44	83
Chlorobenzene	0.064	Not Detected	0.30	Not Detected
Ethyl Benzene	0.064	0.11	0.28	0.47
m,p-Xylene	0.13	0.29	0.56	1.3
o-Xylene	0.064	0.083	0.28	0.36
1,4-Dichlorobenzene	0.064	Not Detected	0.39	Not Detected
1,2-Dichlorobenzene	0.064	Not Detected	0.39	Not Detected
trans-1,2-Dichloroethene	0.32	Not Detected	1.3	Not Detected
Acetone	1.6	39	3.8	93
Methylene Chloride	0.64	Not Detected	2.2	Not Detected
Methyl tert-butyl ether	0.32	Not Detected	1.2	Not Detected
1,1,2,2-Tetrachloroethane	0.064	Not Detected	0.44	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: OC-AA-FS-18-091405

Lab ID#: 0509369-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092609**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**15.8**	**Date of Analysis:**	**9/26/05 10:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.32	1.3	1.6	6.5
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
Freon 11	0.32	50	1.8	280
1,1-Dichloroethene	0.16	73	0.63	290
Freon 113	0.32	140	2.4	1000
1,1-Dichloroethane	0.32	Not Detected	1.3	Not Detected
cis-1,2-Dichloroethene	0.32	Not Detected	1.2	Not Detected
Chloroform	0.32	Not Detected	1.5	Not Detected
1,1,1-Trichloroethane	0.32	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.32	Not Detected	2.0	Not Detected
Benzene	0.79	Not Detected	2.5	Not Detected
1,2-Dichloroethane	0.32	Not Detected	1.3	Not Detected
Trichloroethene	0.32	5.0	1.7	27
trans-1,3-Dichloropropene	0.32	Not Detected	1.4	Not Detected
Toluene	0.32	0.88	1.2	3.3
1,1,2-Trichloroethane	0.32	Not Detected	1.7	Not Detected
Tetrachloroethene	0.32	10	2.1	69
Chlorobenzene	0.32	Not Detected	1.4	Not Detected
Ethyl Benzene	0.32	Not Detected	1.4	Not Detected
m,p-Xylene	0.63	Not Detected	2.7	Not Detected
o-Xylene	0.32	Not Detected	1.4	Not Detected
1,4-Dichlorobenzene	0.32	Not Detected	1.9	Not Detected
1,2-Dichlorobenzene	0.32	Not Detected	1.9	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Acetone	7.9	14	19	32
Methylene Chloride	3.2	Not Detected	11	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.7	Not Detected
1,1,2,2-Tetrachloroethane	0.32	Not Detected	2.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: OC-AA-FS-02-091405

Lab ID#: 0509369-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092613**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.83**	**Date of Analysis:**	**9/27/05 02:52 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.48	0.18	2.4
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
Freon 11	0.037	15	0.20	86
1,1-Dichloroethene	0.018	31	0.072	120
Freon 113	0.037	36	0.28	280
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Chloroform	0.037	0.045	0.18	0.22
1,1,1-Trichloroethane	0.037	0.059	0.20	0.32
Carbon Tetrachloride	0.037	0.11	0.23	0.67
Benzene	0.092	0.26	0.29	0.83
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	4.5	0.20	24
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	1.1	0.14	4.3
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	13	0.25	86
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.13	0.16	0.55
m,p-Xylene	0.073	0.36	0.32	1.6
o-Xylene	0.037	0.12	0.16	0.52
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Acetone	0.92	8.5	2.2	20
Methylene Chloride	0.37	0.37	1.3	1.3
Methyl tert-butyl ether	0.18	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.25	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: OC-AA-FD-02-091405

Lab ID#: 0509369-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092611**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**2.29**	**Date of Analysis:**	**9/27/05 12:40 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.046	0.55	0.23	2.7
Vinyl Chloride	0.023	Not Detected	0.058	Not Detected
Freon 11	0.046	15	0.26	86
1,1-Dichloroethene	0.023	30	0.091	120
Freon 113	0.046	36	0.35	280
1,1-Dichloroethane	0.046	Not Detected	0.18	Not Detected
cis-1,2-Dichloroethene	0.046	Not Detected	0.18	Not Detected
Chloroform	0.046	0.045 J	0.22	0.22
1,1,1-Trichloroethane	0.046	0.060	0.25	0.33
Carbon Tetrachloride	0.046	0.11	0.29	0.68
Benzene	0.11	0.25	0.36	0.80
1,2-Dichloroethane	0.046	Not Detected	0.18	Not Detected
Trichloroethene	0.046	4.2	0.25	23
trans-1,3-Dichloropropene	0.046	Not Detected	0.21	Not Detected
Toluene	0.046	1.1	0.17	4.1
1,1,2-Trichloroethane	0.046	Not Detected	0.25	Not Detected
Tetrachloroethene	0.046	12	0.31	84
Chlorobenzene	0.046	Not Detected	0.21	Not Detected
Ethyl Benzene	0.046	0.12	0.20	0.51
m,p-Xylene	0.092	0.32	0.40	1.4
o-Xylene	0.046	0.092	0.20	0.40
1,4-Dichlorobenzene	0.046	Not Detected	0.28	Not Detected
1,2-Dichlorobenzene	0.046	Not Detected	0.28	Not Detected
trans-1,2-Dichloroethene	0.23	Not Detected	0.91	Not Detected
Acetone	1.1	8.1	2.7	19
Methylene Chloride	0.46	Not Detected	1.6	Not Detected
Methyl tert-butyl ether	0.23	Not Detected	0.82	Not Detected
1,1,2,2-Tetrachloroethane	0.046	Not Detected	0.31	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: OC-AA-FS-08-091405

Lab ID#: 0509369-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092614**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.87**	**Date of Analysis:**	**9/27/05 03:51 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.37	0.18	1.8
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
Freon 11	0.037	0.35	0.21	2.0
1,1-Dichloroethene	0.019	0.11	0.074	0.45
Freon 113	0.037	0.20	0.29	1.5
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Chloroform	0.037	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.099	0.24	0.62
Benzene	0.094	0.27	0.30	0.86
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.076	0.20	0.40
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	1.2	0.14	4.6
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.26	0.25	1.7
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.14	0.16	0.63
m,p-Xylene	0.075	0.47	0.32	2.0
o-Xylene	0.037	0.12	0.16	0.51
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected
Acetone	0.94	19	2.2	46
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.19	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.26	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: OC-IA-FS-07-091405

Lab ID#: 0509369-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092615**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.83**	**Date of Analysis:**	**9/27/05 04:33 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.39	0.18	1.9
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
Freon 11	0.037	2.0	0.20	11
1,1-Dichloroethene	0.018	4.1	0.072	16
Freon 113	0.037	2.4	0.28	18
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Chloroform	0.037	0.039	0.18	0.19
1,1,1-Trichloroethane	0.037	0.060	0.20	0.33
Carbon Tetrachloride	0.037	0.11	0.23	0.67
Benzene	0.092	1.6	0.29	5.3
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	1.2	0.20	6.5
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	10	0.14	38
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	5.1	0.25	34
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	1.1	0.16	4.6
m,p-Xylene	0.073	4.8	0.32	21
o-Xylene	0.037	1.2	0.16	5.1
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Acetone	0.92	150 E	2.2	350 E
Methylene Chloride	0.37	0.43	1.3	1.5
Methyl tert-butyl ether	0.18	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.25	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	115	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: OC-IA-FD-07-091405

Lab ID#: 0509369-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092617**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.75**	**Date of Analysis:**	**9/27/05 08:39 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.035	0.43	0.17	2.1
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	1.9	0.20	11
1,1-Dichloroethene	0.018	4.1	0.069	16
Freon 113	0.035	2.2	0.27	17
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.040	0.17	0.19
1,1,1-Trichloroethane	0.035	0.058	0.19	0.32
Carbon Tetrachloride	0.035	0.10	0.22	0.66
Benzene	0.088	1.6	0.28	5.0
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	1.0	0.19	5.5
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	9.4	0.13	36
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	4.9	0.24	33
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	1.1	0.15	4.8
m,p-Xylene	0.070	5.0	0.30	22
o-Xylene	0.035	1.2	0.15	5.4
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Acetone	0.88	140 E	2.1	330 E
Methylene Chloride	0.35	0.43	1.2	1.5
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	127	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: OC-IA-FD-09-091405

Lab ID#: 0509369-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092708**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**168**	**Date of Analysis:**	**9/27/05 08:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.4	Not Detected	17	Not Detected
Vinyl Chloride	1.7	Not Detected	4.3	Not Detected
Freon 11	3.4	Not Detected	19	Not Detected
1,1-Dichloroethene	1.7	Not Detected	6.7	Not Detected
Freon 113	3.4	Not Detected	26	Not Detected
1,1-Dichloroethane	3.4	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	3.4	Not Detected	13	Not Detected
Chloroform	3.4	Not Detected	16	Not Detected
1,1,1-Trichloroethane	3.4	Not Detected	18	Not Detected
Carbon Tetrachloride	3.4	Not Detected	21	Not Detected
Benzene	8.4	Not Detected	27	Not Detected
1,2-Dichloroethane	3.4	Not Detected	14	Not Detected
Trichloroethene	3.4	Not Detected	18	Not Detected
trans-1,3-Dichloropropene	3.4	Not Detected	15	Not Detected
Toluene	3.4	20	13	74
1,1,2-Trichloroethane	3.4	Not Detected	18	Not Detected
Tetrachloroethene	3.4	Not Detected	23	Not Detected
Chlorobenzene	3.4	Not Detected	15	Not Detected
Ethyl Benzene	3.4	Not Detected	14	Not Detected
m,p-Xylene	6.7	Not Detected	29	Not Detected
o-Xylene	3.4	Not Detected	14	Not Detected
1,4-Dichlorobenzene	3.4	Not Detected	20	Not Detected
1,2-Dichlorobenzene	3.4	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	17	Not Detected	67	Not Detected
Acetone	84	2500	200	6000
Methylene Chloride	34	Not Detected	120	Not Detected
Methyl tert-butyl ether	17	Not Detected U J	60	Not Detected U J
1,1,2,2-Tetrachloroethane	3.4	Not Detected	23	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

Client Sample ID: OC-IA-FD-09-091405 Duplicate

Lab ID#: 0509369-14AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092709**	**Date of Collection: 9/14/05**	
Dil. Factor:	**168**	**Date of Analysis: 9/27/05 09:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.4	Not Detected	17	Not Detected
Vinyl Chloride	1.7	Not Detected	4.3	Not Detected
Freon 11	3.4	Not Detected	19	Not Detected
1,1-Dichloroethene	1.7	Not Detected	6.7	Not Detected
Freon 113	3.4	Not Detected	26	Not Detected
1,1-Dichloroethane	3.4	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	3.4	Not Detected	13	Not Detected
Chloroform	3.4	Not Detected	16	Not Detected
1,1,1-Trichloroethane	3.4	Not Detected	18	Not Detected
Carbon Tetrachloride	3.4	Not Detected	21	Not Detected
Benzene	8.4	Not Detected	27	Not Detected
1,2-Dichloroethane	3.4	Not Detected	14	Not Detected
Trichloroethene	3.4	Not Detected	18	Not Detected
trans-1,3-Dichloropropene	3.4	Not Detected	15	Not Detected
Toluene	3.4	18	13	66
1,1,2-Trichloroethane	3.4	Not Detected	18	Not Detected
Tetrachloroethene	3.4	Not Detected	23	Not Detected
Chlorobenzene	3.4	Not Detected	15	Not Detected
Ethyl Benzene	3.4	Not Detected	14	Not Detected
m,p-Xylene	6.7	Not Detected	29	Not Detected
o-Xylene	3.4	Not Detected	14	Not Detected
1,4-Dichlorobenzene	3.4	Not Detected	20	Not Detected
1,2-Dichlorobenzene	3.4	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	17	Not Detected	67	Not Detected
Acetone	84	2300	200	5500
Methylene Chloride	34	Not Detected	120	Not Detected
Methyl tert-butyl ether	17	Not Detected U J	60	Not Detected U J
1,1,2,2-Tetrachloroethane	3.4	Not Detected	23	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	123	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	89	70-130

AIR TOXICS LTD.

Client Sample ID: OC-IA-FD-05-091405

Lab ID#: 0509369-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092710**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.58**	**Date of Analysis:**	**9/27/05 10:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.032	0.39	0.16	2.0
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
Freon 11	0.032	0.61	0.18	3.4
1,1-Dichloroethene	0.016	1.4	0.063	5.5
Freon 113	0.032	0.83	0.24	6.3
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.12	Not Detected
Chloroform	0.032	0.042	0.15	0.21
1,1,1-Trichloroethane	0.032	Not Detected	0.17	Not Detected
Carbon Tetrachloride	0.032	0.11	0.20	0.67
Benzene	0.079	0.36	0.25	1.1
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	0.30	0.17	1.6
trans-1,3-Dichloropropene	0.032	Not Detected	0.14	Not Detected
Toluene	0.032	1.8	0.12	6.9
1,1,2-Trichloroethane	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	5.7	0.21	39
Chlorobenzene	0.032	Not Detected	0.14	Not Detected
Ethyl Benzene	0.032	0.21	0.14	0.93
m,p-Xylene	0.063	0.80	0.27	3.5
o-Xylene	0.032	0.23	0.14	1.0
1,4-Dichlorobenzene	0.032	0.045	0.19	0.27
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Acetone	0.79	9.2	1.9	22
Methylene Chloride	0.32	0.35	1.1	1.2
Methyl tert-butyl ether	0.16	Not Detected U J	0.57	Not Detected U J
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

Client Sample ID: OC-IA-FD-06-091405

Lab ID#: 0509369-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092711**	**Date of Collection:**	**9/14/05**
Dil. Factor:	**1.83**	**Date of Analysis:**	**9/28/05 12:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.037	0.30	0.18	1.5
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
Freon 11	0.037	0.61	0.20	3.4
1,1-Dichloroethene	0.018	1.5	0.072	6.0
Freon 113	0.037	0.89	0.28	6.8
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Chloroform	0.037	0.044	0.18	0.21
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.10	0.23	0.63
Benzene	0.092	0.39	0.29	1.2
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.32	0.20	1.7
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	1.7	0.14	6.5
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	6.6	0.25	45
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.22	0.16	0.95
m,p-Xylene	0.073	0.75	0.32	3.3
o-Xylene	0.037	0.22	0.16	0.96
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
Acetone	0.92	16	2.2	37
Methylene Chloride	0.37	0.37	1.3	1.3
Methyl tert-butyl ether	0.18	Not Detected U J	0.66	Not Detected U J
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.25	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0509369-17A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092506**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/05 06:19 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0509369-17B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/05 05:23 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0509369-17C

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/27/05 07:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected U J	0.36	Not Detected U J
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	123	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0509369-18A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/05 02:43 PM**	

Compound	%Recovery
Freon 12	110
Vinyl Chloride	83
Freon 11	107
1,1-Dichloroethene	86
Freon 113	98
1,1-Dichloroethane	99
cis-1,2-Dichloroethene	95
Chloroform	107
1,1,1-Trichloroethane	110
Carbon Tetrachloride	120
Benzene	96
1,2-Dichloroethane	129
Trichloroethene	103
trans-1,3-Dichloropropene	104
Toluene	113
1,1,2-Trichloroethane	106
Tetrachloroethene	102
Chlorobenzene	104
Ethyl Benzene	110
m,p-Xylene	117
o-Xylene	109
1,4-Dichlorobenzene	96
1,2-Dichlorobenzene	90
trans-1,2-Dichloroethene	90
Acetone	104
Methylene Chloride	91
Methyl tert-butyl ether	73
1,1,2,2-Tetrachloroethane	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	115	70-130
4-Bromofluorobenzene	106	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0509369-18B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/05 02:30 PM**	

Compound	%Recovery
Freon 12	112
Vinyl Chloride	87
Freon 11	104
1,1-Dichloroethene	88
Freon 113	96
1,1-Dichloroethane	99
cis-1,2-Dichloroethene	94
Chloroform	104
1,1,1-Trichloroethane	107
Carbon Tetrachloride	117
Benzene	93
1,2-Dichloroethane	123
Trichloroethene	95
trans-1,3-Dichloropropene	104
Toluene	108
1,1,2-Trichloroethane	103
Tetrachloroethene	98
Chlorobenzene	101
Ethyl Benzene	108
m,p-Xylene	113
o-Xylene	106
1,4-Dichlorobenzene	93
1,2-Dichlorobenzene	86
trans-1,2-Dichloroethene	88
Acetone	96
Methylene Chloride	91
Methyl tert-butyl ether	72
1,1,2,2-Tetrachloroethane	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0509369-18C

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/27/05 01:39 PM**	

Compound	%Recovery
Freon 12	105
Vinyl Chloride	79
Freon 11	106
1,1-Dichloroethene	84
Freon 113	96
1,1-Dichloroethane	98
cis-1,2-Dichloroethene	92
Chloroform	105
1,1,1-Trichloroethane	108
Carbon Tetrachloride	119
Benzene	92
1,2-Dichloroethane	125
Trichloroethene	96
trans-1,3-Dichloropropene	103
Toluene	107
1,1,2-Trichloroethane	103
Tetrachloroethene	97
Chlorobenzene	99
Ethyl Benzene	106
m,p-Xylene	111
o-Xylene	103
1,4-Dichlorobenzene	86
1,2-Dichlorobenzene	79
trans-1,2-Dichloroethene	87
Acetone	97
Methylene Chloride	90
Methyl tert-butyl ether	69 Q
1,1,2,2-Tetrachloroethane	97

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	113	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0509369-19A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/05 03:37 PM**	

Compound	%Recovery
Freon 12	106
Vinyl Chloride	84
Freon 11	102
1,1-Dichloroethene	84
Freon 113	94
1,1-Dichloroethane	91
cis-1,2-Dichloroethene	78
Chloroform	96
1,1,1-Trichloroethane	90
Carbon Tetrachloride	105
Benzene	81
1,2-Dichloroethane	106
Trichloroethene	87
trans-1,3-Dichloropropene	108
Toluene	102
1,1,2-Trichloroethane	95
Tetrachloroethene	94
Chlorobenzene	96
Ethyl Benzene	102
m,p-Xylene	109
o-Xylene	99
1,4-Dichlorobenzene	82
1,2-Dichlorobenzene	76
trans-1,2-Dichloroethene	109
Acetone	92
Methylene Chloride	89
Methyl tert-butyl ether	69
1,1,2,2-Tetrachloroethane	90

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0509369-19B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/05 03:20 PM**	

Compound	%Recovery
Freon 12	112
Vinyl Chloride	90
Freon 11	100
1,1-Dichloroethene	82
Freon 113	92
1,1-Dichloroethane	91
cis-1,2-Dichloroethene	77
Chloroform	95
1,1,1-Trichloroethane	90
Carbon Tetrachloride	104
Benzene	79
1,2-Dichloroethane	105
Trichloroethene	84
trans-1,3-Dichloropropene	106
Toluene	101
1,1,2-Trichloroethane	92
Tetrachloroethene	91
Chlorobenzene	94
Ethyl Benzene	101
m,p-Xylene	107
o-Xylene	99
1,4-Dichlorobenzene	84
1,2-Dichlorobenzene	79
trans-1,2-Dichloroethene	109
Acetone	94
Methylene Chloride	88
Methyl tert-butyl ether	71
1,1,2,2-Tetrachloroethane	92

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	113	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0509369-19C

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**8092703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/27/05 02:51 PM**	

Compound	%Recovery
Freon 12	111
Vinyl Chloride	88
Freon 11	100
1,1-Dichloroethene	81
Freon 113	90
1,1-Dichloroethane	89
cis-1,2-Dichloroethene	76
Chloroform	94
1,1,1-Trichloroethane	90
Carbon Tetrachloride	104
Benzene	78
1,2-Dichloroethane	103
Trichloroethene	81
trans-1,3-Dichloropropene	106
Toluene	98
1,1,2-Trichloroethane	91
Tetrachloroethene	90
Chlorobenzene	93
Ethyl Benzene	99
m,p-Xylene	106
o-Xylene	97
1,4-Dichlorobenzene	81
1,2-Dichlorobenzene	75
trans-1,2-Dichloroethene	105
Acetone	91
Methylene Chloride	87
Methyl tert-butyl ether	73
1,1,2,2-Tetrachloroethane	90

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	111	70-130
4-Bromofluorobenzene	104	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person SHARON WALLIN
Company CDM Email
Address 18581 TELLER City IRVINE State CA Zip 92612
Phone (949) 752-5452 Fax (949) 752-1307
Collected by: (Signature)

Project Info:
P.O. #
Project # 10500-37240
Project Name OMEGA

Turn Around Time:
[X] Normal
[ ] Rush
specify

Lab Use Only
Pressurized by: BB
Date: 9/9/05
Pressurization Gas: (N_2) He

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	OC-IA-FS-13-091405	9/14/05	1730	TO-15 (SIM) X	30"	7.5"	8.5"Hg	5.0psi
02A	- - -14-		1730	X	30"	9"	8.5"Hg	
03A	-AA- -03-		1523	X	>30"	9"	8.0"Hg	
04A	- - -10-		1601	X gage not working →		0"	5.0"Hg	
05A	- - -11-		1600	X	28"	6"	8.0"Hg	
06A	- - -16-		1620	X	30"	7"	6.0"Hg	
07A	- - -17-		1553	X	30"	3"	5.0"Hg	
08A	- - -18-		1624	X gage not working →	12"	18"	4.5"Hg	
09A	- - -02-		1625	X	→25.5"	0"	8.0"Hg	
10A	- - -FD-02-		1626	X gage not working →		0"	8.0"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	9/15/05	[signature]	9.15.05 5:00
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Laura A. Thomas ATL	9/16/05 1020
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
- TO-15 SIM, same list as prior omega sampling round.

Lab Use Only

Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
FedEx	6429 3889 7657	—	Good	Yes No (None)	0509369

Form 1293 rev.10

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CHAIN-OF-CUSTODY RECORD

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Contact Person SHARON WALLIN
Company CDM Email
Address 18581 TELLER City IRVINE State CA Zip 92612
Phone (949) 752-5452 Fax (949) 752-1307
Collected by: (Signature)

Project Info:
P.O. #
Project # 10500 - 37240
Project Name OMEGA

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: BB
Date: 9/19/05
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested TO-15(SIM)	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
11A	OC-AA-FS-08-091405	9/14/05	1610	X	30"	0"	8.5" Hg	5.0 psi
12A	-IA- -07-		1610	X	26"	4.5"	8.0" Hg	
13A	- -FD-07-		1610	X	28"	6"	7.0" Hg	
14A	- - -09-		1650	X	29.5"	6.5"	6.0" Hg	
15A	- - -05-		1501	X	27"	3"	4.5" Hg	
16A	- - - -06-		1518	X	30"	8.5"	8.0" Hg	

Relinquished by: (signature) Date/Time 9/15/05
Received by: (signature) Date/Time 9.15.05 5:00 PM

Relinquished by: (signature) Date/Time
Received by: (signature) Date/Time 9/16/05 1020
Laurah Thomas

Relinquished by: (signature) Date/Time
Received by: (signature) Date/Time

Notes:
TO-15 SIM, same list as prior omega sampling round.

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	6429 3889 7657	—	Good	Yes No (None)	0509369

Form 1293 rev.10

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

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WORK ORDER #: 0609274

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500.37240 Omega
DATE RECEIVED:	09/13/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/26/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-IA-ONC-AO-090806	Modified TO-15 SIM	4.5 "Hg
02A	OC-IA-ONC-NS-090806	Modified TO-15 SIM	5.0 "Hg
03A	OC-AA-ONC-090806	Modified TO-15 SIM	7.0 "Hg
04A	OC-IA-BIS-AO-090806	Modified TO-15 SIM	4.0 "Hg
05A	OC-IA-BIS-AOK-090806	Modified TO-15 SIM	3.0 "Hg
06A	OC-IA-BIS-STORE-090806	Modified TO-15 SIM	5.0 "Hg
07A	OC-IA-BIS-WHSE-090806	Modified TO-15 SIM	5.0 "Hg
08A	OC-AA-BIS-090806	Modified TO-15 SIM	6.5 "Hg
09A	OC-IA-LAC-Sm Prod-090806	Modified TO-15 SIM	5.5 "Hg
10A	OC-IA-LAC-Lg Prod-090806	Modified TO-15 SIM	7.5 "Hg
11A	OC-IA-LAC-AO-090806	Modified TO-15 SIM	0.0 "Hg
12A	OC-IA-MN-090806	Modified TO-15 SIM	22.5 "Hg
12AA	OC-IA-MN-090806 Duplicate	Modified TO-15 SIM	22.5 "Hg
13A	OC-IA-TB-090806	Modified TO-15 SIM	28.5 "Hg
14A	Lab Blank	Modified TO-15 SIM	NA
14B	Lab Blank	Modified TO-15 SIM	NA
14C	Lab Blank	Modified TO-15 SIM	NA

Continued on next page

WORK ORDER #: 0609274

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500.37240 Omega
DATE RECEIVED:	09/13/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/26/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
15A	CCV	Modified TO-15 SIM	NA
15B	CCV	Modified TO-15 SIM	NA
15C	CCV	Modified TO-15 SIM	NA
16A	LCS	Modified TO-15 SIM	NA
16B	LCS	Modified TO-15 SIM	NA
16C	LCS	Modified TO-15 SIM	NA

CERTIFIED BY: Linda D. Fruman DATE: 09/26/06

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
CDM
Workorder# 0609274

Twelve 6 Liter Summa Canister (SIM Certified) and one 6 Liter Summa Special (SIM Certified) samples were received on September 13, 2006. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode. The method involves concentrating up to 0.5 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample OC-IA-ONC-NS-090806 did not match the entry on the sample tag with regard to sample identification. The discrepancy was noted in the Sample Receipt Confirmation email/fax and the information on the COC was used to process and report the sample.

The Chain of Custody (COC) information for samples OC-IA-LAC-Sm Prod-090806 and OC-IA-TB-090806 did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information on the canister was used to process and report the samples.

Sample OC-IA-MN-090806 was received with significant vacuum remaining in the canister. The discrepancy was noted in the Sample Receipt Confirmation email/fax. The residual canister vacuum resulted in elevated reporting limits.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-ONC-AO-090806

Lab ID#: 0609274-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.063	0.59	0.31	2.9
Freon 11	0.063	0.31	0.36	1.7
1,1-Dichloroethene	0.032	0.050	0.12	0.20
Freon 113	0.063	0.16	0.48	1.2
Chloroform	0.063	0.14	0.31	0.66
Carbon Tetrachloride	0.063	0.083	0.40	0.52
Benzene	0.16	0.39	0.50	1.2
Toluene	0.063	4.2	0.24	16
Ethyl Benzene	0.063	0.23	0.27	1.0
m,p-Xylene	0.13	0.70	0.55	3.0
o-Xylene	0.063	0.28	0.27	1.2
Acetone	1.6	40	3.8	95

Client Sample ID: OC-IA-ONC-NS-090806

Lab ID#: 0609274-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.064	0.68	0.32	3.4
Freon 11	0.064	0.32	0.36	1.8
1,1-Dichloroethene	0.032	0.058	0.13	0.23
Freon 113	0.064	0.21	0.49	1.6
Chloroform	0.064	0.12	0.31	0.57
Carbon Tetrachloride	0.064	0.080	0.40	0.50
Benzene	0.16	0.36	0.51	1.1
1,2-Dichloroethane	0.064	0.080	0.26	0.32
Toluene	0.064	4.4	0.24	17
Tetrachloroethene	0.064	0.065	0.44	0.44
Ethyl Benzene	0.064	0.22	0.28	0.94
m,p-Xylene	0.13	0.72	0.56	3.1
o-Xylene	0.064	0.30	0.28	1.3
1,4-Dichlorobenzene	0.064	0.065	0.39	0.39
Acetone	1.6	42	3.8	99

Client Sample ID: OC-AA-ONC-090806

Lab ID#: 0609274-03A

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-AA-ONC-090806

Lab ID#: 0609274-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.035	0.56	0.17	2.7
Freon 11	0.035	0.28	0.20	1.6
Freon 113	0.035	0.097	0.27	0.74
Carbon Tetrachloride	0.035	0.084	0.22	0.53
Benzene	0.088	0.39	0.28	1.2
Toluene	0.035	1.2	0.13	4.4
Tetrachloroethene	0.035	0.048	0.24	0.32
Ethyl Benzene	0.035	0.20	0.15	0.87
m,p-Xylene	0.070	0.66	0.30	2.9
o-Xylene	0.035	0.24	0.15	1.1
Acetone	0.88	16	2.1	38

Client Sample ID: OC-IA-BIS-AO-090806

Lab ID#: 0609274-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.062	0.63	0.31	3.1
Freon 11	0.062	0.41	0.35	2.3
1,1-Dichloroethene	0.031	1.3	0.12	5.3
Freon 113	0.062	0.51	0.48	3.9
Carbon Tetrachloride	0.062	0.091	0.39	0.57
Benzene	0.16	0.37	0.50	1.2
Trichloroethene	0.062	0.093	0.33	0.50
Toluene	0.062	1.7	0.23	6.5
Tetrachloroethene	0.062	1.4	0.42	9.3
Ethyl Benzene	0.062	0.17	0.27	0.72
m,p-Xylene	0.12	0.55	0.54	2.4
o-Xylene	0.062	0.21	0.27	0.93
Acetone	1.6	27	3.7	64

Client Sample ID: OC-IA-BIS-AOK-090806

Lab ID#: 0609274-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.030	0.58	0.15	2.9
Freon 11	0.030	0.43	0.17	2.4

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-BIS-AOK-090806

Lab ID#: 0609274-05A

1,1-Dichloroethene	0.015	1.4	0.059	5.8
Freon 113	0.030	0.53	0.23	4.0
Chloroform	0.030	0.032	0.14	0.15
Carbon Tetrachloride	0.030	0.091	0.19	0.58
Benzene	0.074	0.34	0.24	1.1
Trichloroethene	0.030	0.10	0.16	0.56
Toluene	0.030	2.0	0.11	7.7
Tetrachloroethene	0.030	1.6	0.20	11
Ethyl Benzene	0.030	0.21	0.13	0.90
m,p-Xylene	0.060	0.68	0.26	3.0
o-Xylene	0.030	0.25	0.13	1.1
1,4-Dichlorobenzene	0.030	0.053	0.18	0.32
Acetone	0.74	7.7	1.8	18
Methylene Chloride	0.30	0.29 J	1.0	1.0

Client Sample ID: OC-IA-BIS-STORE-090806

Lab ID#: 0609274-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.032	0.55	0.16	2.7
Freon 11	0.032	0.65	0.18	3.7
1,1-Dichloroethene	0.016	3.6	0.064	14
Freon 113	0.032	1.3	0.25	10
Chloroform	0.032	0.036	0.16	0.18
1,1,1-Trichloroethane	0.032	0.036	0.18	0.19
Carbon Tetrachloride	0.032	0.081	0.20	0.51
Benzene	0.080	0.39	0.26	1.2
Trichloroethene	0.032	0.28	0.17	1.5
Toluene	0.032	2.2	0.12	8.4
Tetrachloroethene	0.032	4.3	0.22	29
Ethyl Benzene	0.032	0.40	0.14	1.7
m,p-Xylene	0.064	1.1	0.28	4.9
o-Xylene	0.032	0.39	0.14	1.7
1,4-Dichlorobenzene	0.032	0.036	0.19	0.21
Acetone	0.80	12	1.9	28
Methylene Chloride	0.32	0.49	1.1	1.7
Methyl tert-butyl ether	0.16	0.19	0.58	0.67

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-BIS-WHSE-090806

Lab ID#: 0609274-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.032	0.58	0.16	2.9
Freon 11	0.032	0.39	0.18	2.2
1,1-Dichloroethene	0.016	0.90	0.064	3.6
Freon 113	0.032	0.44	0.25	3.4
Carbon Tetrachloride	0.032	0.086	0.20	0.54
Benzene	0.080	0.38	0.26	1.2
Trichloroethene	0.032	0.083	0.17	0.44
Toluene	0.032	1.8	0.12	6.9
Tetrachloroethene	0.032	1.0	0.22	7.1
Ethyl Benzene	0.032	0.24	0.14	1.0
m,p-Xylene	0.064	0.86	0.28	3.7
o-Xylene	0.032	0.32	0.14	1.4
Acetone	0.80	13	1.9	31

Client Sample ID: OC-AA-BIS-090806

Lab ID#: 0609274-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.60	0.17	3.0
Freon 11	0.034	0.32	0.19	1.8
1,1-Dichloroethene	0.017	0.14	0.068	0.56
Freon 113	0.034	0.19	0.26	1.5
Carbon Tetrachloride	0.034	0.091	0.22	0.57
Benzene	0.086	0.31	0.27	1.0
Toluene	0.034	4.2	0.13	16
Tetrachloroethene	0.034	0.097	0.23	0.66
Ethyl Benzene	0.034	0.16	0.15	0.68
m,p-Xylene	0.068	0.47	0.30	2.0
o-Xylene	0.034	0.17	0.15	0.74
Acetone	0.86	16	2.0	38

Client Sample ID: OC-IA-LAC-Sm Prod-090806

Lab ID#: 0609274-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.59	0.81	2.9

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-LAC-Sm Prod-090806

Lab ID#: 0609274-09A

Freon 11	0.16	0.57	0.92	3.2
1,1-Dichloroethene	0.082	0.92	0.32	3.6
Freon 113	0.16	1.9	1.2	14
Benzene	0.41	0.42	1.3	1.3
Toluene	0.16	150	0.62	570
Ethyl Benzene	0.16	0.22	0.71	0.95
m,p-Xylene	0.33	0.67	1.4	2.9
o-Xylene	0.16	0.24	0.71	1.0
Acetone	4.1	490 E	9.7	1200 E

Client Sample ID: OC-IA-LAC-Lg Prod-090806

Lab ID#: 0609274-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.072	0.65	0.35	3.2
Freon 11	0.072	0.52	0.40	2.9
1,1-Dichloroethene	0.036	0.62	0.14	2.5
Freon 113	0.072	1.1	0.55	8.7
Chloroform	0.072	0.076	0.35	0.37
Carbon Tetrachloride	0.072	0.082	0.45	0.52
Benzene	0.18	0.68	0.57	2.2
Toluene	0.072	55	0.27	210
Tetrachloroethene	0.072	0.24	0.48	1.6
Ethyl Benzene	0.072	0.47	0.31	2.0
m,p-Xylene	0.14	1.7	0.62	7.3
o-Xylene	0.072	0.59	0.31	2.6
Acetone	1.8	200 E	4.2	480 E
Methylene Chloride	0.72	1.7	2.5	5.9

Client Sample ID: OC-IA-LAC-AO-090806

Lab ID#: 0609274-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.027	0.52	0.13	2.6
Freon 11	0.027	0.26	0.15	1.5
1,1-Dichloroethene	0.013	0.015	0.053	0.060
Freon 113	0.027	0.092	0.20	0.70
Chloroform	0.027	0.029	0.13	0.14

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-LAC-AO-090806

Lab ID#: 0609274-11A

Carbon Tetrachloride	0.027	0.079	0.17	0.50
Benzene	0.067	0.51	0.21	1.6
Trichloroethene	0.027	0.22	0.14	1.2
Toluene	0.027	2.8	0.10	10
Tetrachloroethene	0.027	0.036	0.18	0.24
Ethyl Benzene	0.027	0.28	0.12	1.2
m,p-Xylene	0.054	1.0	0.23	4.5
o-Xylene	0.027	0.39	0.12	1.7
1,4-Dichlorobenzene	0.027	0.028	0.16	0.16
Acetone	0.67	31 E	1.6	74 E
Methylene Chloride	0.27	1.5	0.93	5.2

Client Sample ID: OC-IA-MN-090806

Lab ID#: 0609274-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.24	0.52	1.2	2.6
Freon 11	0.24	0.28	1.3	1.6
Freon 113	0.24	0.25	1.8	1.9
Toluene	0.24	0.73	0.90	2.8
Acetone	6.0	180	14	430

Client Sample ID: OC-IA-MN-090806 Duplicate

Lab ID#: 0609274-12AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.11	0.44	0.53	2.2
Freon 11	0.11	0.28	0.60	1.6
1,1-Dichloroethene	0.054	0.072	0.21	0.28
Freon 113	0.11	0.22	0.82	1.7
Benzene	0.27	0.34	0.86	1.1
Trichloroethene	0.11	0.18	0.58	0.99
Toluene	0.11	0.78	0.40	2.9
Ethyl Benzene	0.11	0.20	0.46	0.87
m,p-Xylene	0.21	0.39	0.93	1.7
o-Xylene	0.11	0.16	0.46	0.71
Acetone	2.7	180 E	6.4	440 E

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OC-IA-TB-090806

Lab ID#: 0609274-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.020	0.24	0.11	1.3

Client Sample ID: OC-IA-ONC-AO-090806

Lab ID#: 0609274-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092516**	**Date of Collection: 9/8/06**	
Dil. Factor:	**3.16**	**Date of Analysis: 9/26/06 03:34 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.063	0.59	0.31	2.9
Vinyl Chloride	0.032	Not Detected	0.081	Not Detected
Freon 11	0.063	0.31	0.36	1.7
1,1-Dichloroethene	0.032	0.050	0.12	0.20
Freon 113	0.063	0.16	0.48	1.2
1,1-Dichloroethane	0.063	Not Detected	0.26	Not Detected
cis-1,2-Dichloroethene	0.063	Not Detected	0.25	Not Detected
Chloroform	0.063	0.14	0.31	0.66
1,1,1-Trichloroethane	0.063	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.063	0.083	0.40	0.52
Benzene	0.16	0.39	0.50	1.2
1,2-Dichloroethane	0.063	Not Detected	0.26	Not Detected
Trichloroethene	0.063	Not Detected	0.34	Not Detected
trans-1,3-Dichloropropene	0.063	Not Detected	0.29	Not Detected
Toluene	0.063	4.2	0.24	16
1,1,2-Trichloroethane	0.063	Not Detected	0.34	Not Detected
Tetrachloroethene	0.063	Not Detected	0.43	Not Detected
Chlorobenzene	0.063	Not Detected	0.29	Not Detected
Ethyl Benzene	0.063	0.23	0.27	1.0
m,p-Xylene	0.13	0.70	0.55	3.0
o-Xylene	0.063	0.28	0.27	1.2
1,4-Dichlorobenzene	0.063	Not Detected	0.38	Not Detected
1,2-Dichlorobenzene	0.063	Not Detected	0.38	Not Detected
trans-1,2-Dichloroethene	0.32	Not Detected	1.2	Not Detected
Acetone	1.6	40	3.8	95
Methylene Chloride	0.63	Not Detected	2.2	Not Detected
Methyl tert-butyl ether	0.32	Not Detected	1.1	Not Detected
1,1,2,2-Tetrachloroethane	0.063	Not Detected	0.43	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-ONC-NS-090806

Lab ID#: 0609274-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092519**	**Date of Collection: 9/8/06**	
Dil. Factor:	**3.22**	**Date of Analysis: 9/26/06 06:11 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.064	0.68	0.32	3.4
Vinyl Chloride	0.032	Not Detected	0.082	Not Detected
Freon 11	0.064	0.32	0.36	1.8
1,1-Dichloroethene	0.032	0.058	0.13	0.23
Freon 113	0.064	0.21	0.49	1.6
1,1-Dichloroethane	0.064	Not Detected	0.26	Not Detected
cis-1,2-Dichloroethene	0.064	Not Detected	0.26	Not Detected
Chloroform	0.064	0.12	0.31	0.57
1,1,1-Trichloroethane	0.064	Not Detected	0.35	Not Detected
Carbon Tetrachloride	0.064	0.080	0.40	0.50
Benzene	0.16	0.36	0.51	1.1
1,2-Dichloroethane	0.064	0.080	0.26	0.32
Trichloroethene	0.064	Not Detected	0.35	Not Detected
trans-1,3-Dichloropropene	0.064	Not Detected	0.29	Not Detected
Toluene	0.064	4.4	0.24	17
1,1,2-Trichloroethane	0.064	Not Detected	0.35	Not Detected
Tetrachloroethene	0.064	0.065	0.44	0.44
Chlorobenzene	0.064	Not Detected	0.30	Not Detected
Ethyl Benzene	0.064	0.22	0.28	0.94
m,p-Xylene	0.13	0.72	0.56	3.1
o-Xylene	0.064	0.30	0.28	1.3
1,4-Dichlorobenzene	0.064	0.065	0.39	0.39
1,2-Dichlorobenzene	0.064	Not Detected	0.39	Not Detected
trans-1,2-Dichloroethene	0.32	Not Detected	1.3	Not Detected
Acetone	1.6	42	3.8	99
Methylene Chloride	0.64	Not Detected	2.2	Not Detected
Methyl tert-butyl ether	0.32	Not Detected	1.2	Not Detected
1,1,2,2-Tetrachloroethane	0.064	Not Detected	0.44	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	108	70-130

Client Sample ID: OC-AA-ONC-090806

Lab ID#: 0609274-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092209**	**Date of Collection: 9/8/06**	
Dil. Factor:	**1.75**	**Date of Analysis: 9/22/06 05:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.035	0.56	0.17	2.7
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.28	0.20	1.6
1,1-Dichloroethene	0.018	Not Detected	0.069	Not Detected
Freon 113	0.035	0.097	0.27	0.74
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.084	0.22	0.53
Benzene	0.088	0.39	0.28	1.2
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	1.2	0.13	4.4
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.048	0.24	0.32
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.20	0.15	0.87
m,p-Xylene	0.070	0.66	0.30	2.9
o-Xylene	0.035	0.24	0.15	1.1
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Acetone	0.88	16	2.1	38
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-BIS-AO-090806

Lab ID#: 0609274-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092407**	**Date of Collection: 9/8/06**	
Dil. Factor:	**3.10**	**Date of Analysis: 9/24/06 08:56 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.062	0.63	0.31	3.1
Vinyl Chloride	0.031	Not Detected	0.079	Not Detected
Freon 11	0.062	0.41	0.35	2.3
1,1-Dichloroethene	0.031	1.3	0.12	5.3
Freon 113	0.062	0.51	0.48	3.9
1,1-Dichloroethane	0.062	Not Detected	0.25	Not Detected
cis-1,2-Dichloroethene	0.062	Not Detected	0.24	Not Detected
Chloroform	0.062	Not Detected	0.30	Not Detected
1,1,1-Trichloroethane	0.062	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.062	0.091	0.39	0.57
Benzene	0.16	0.37	0.50	1.2
1,2-Dichloroethane	0.062	Not Detected	0.25	Not Detected
Trichloroethene	0.062	0.093	0.33	0.50
trans-1,3-Dichloropropene	0.062	Not Detected	0.28	Not Detected
Toluene	0.062	1.7	0.23	6.5
1,1,2-Trichloroethane	0.062	Not Detected	0.34	Not Detected
Tetrachloroethene	0.062	1.4	0.42	9.3
Chlorobenzene	0.062	Not Detected	0.28	Not Detected
Ethyl Benzene	0.062	0.17	0.27	0.72
m,p-Xylene	0.12	0.55	0.54	2.4
o-Xylene	0.062	0.21	0.27	0.93
1,4-Dichlorobenzene	0.062	Not Detected	0.37	Not Detected
1,2-Dichlorobenzene	0.062	Not Detected	0.37	Not Detected
trans-1,2-Dichloroethene	0.31	Not Detected	1.2	Not Detected
Acetone	1.6	27	3.7	64
Methylene Chloride	0.62	Not Detected	2.2	Not Detected
Methyl tert-butyl ether	0.31	Not Detected	1.1	Not Detected
1,1,2,2-Tetrachloroethane	0.062	Not Detected	0.42	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	109	70-130

Client Sample ID: OC-IA-BIS-AOK-090806

Lab ID#: 0609274-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092207**	**Date of Collection: 9/8/06**	
Dil. Factor:	**1.49**	**Date of Analysis: 9/22/06 03:56 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.030	0.58	0.15	2.9
Vinyl Chloride	0.015	Not Detected	0.038	Not Detected
Freon 11	0.030	0.43	0.17	2.4
1,1-Dichloroethene	0.015	1.4	0.059	5.8
Freon 113	0.030	0.53	0.23	4.0
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
Chloroform	0.030	0.032	0.14	0.15
1,1,1-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Carbon Tetrachloride	0.030	0.091	0.19	0.58
Benzene	0.074	0.34	0.24	1.1
1,2-Dichloroethane	0.030	Not Detected	0.12	Not Detected
Trichloroethene	0.030	0.10	0.16	0.56
trans-1,3-Dichloropropene	0.030	Not Detected	0.14	Not Detected
Toluene	0.030	2.0	0.11	7.7
1,1,2-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	1.6	0.20	11
Chlorobenzene	0.030	Not Detected	0.14	Not Detected
Ethyl Benzene	0.030	0.21	0.13	0.90
m,p-Xylene	0.060	0.68	0.26	3.0
o-Xylene	0.030	0.25	0.13	1.1
1,4-Dichlorobenzene	0.030	0.053	0.18	0.32
1,2-Dichlorobenzene	0.030	Not Detected	0.18	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	7.7	1.8	18
Methylene Chloride	0.30	0.29 J	1.0	1.0
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
1,1,2,2-Tetrachloroethane	0.030	Not Detected	0.20	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Special (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: OC-IA-BIS-STORE-090806

Lab ID#: 0609274-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092206**	**Date of Collection: 9/8/06**	
Dil. Factor:	**1.61**	**Date of Analysis: 9/22/06 03:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.032	0.55	0.16	2.7
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
Freon 11	0.032	0.65	0.18	3.7
1,1-Dichloroethene	0.016	3.6	0.064	14
Freon 113	0.032	1.3	0.25	10
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
Chloroform	0.032	0.036	0.16	0.18
1,1,1-Trichloroethane	0.032	0.036	0.18	0.19
Carbon Tetrachloride	0.032	0.081	0.20	0.51
Benzene	0.080	0.39	0.26	1.2
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	0.28	0.17	1.5
trans-1,3-Dichloropropene	0.032	Not Detected	0.15	Not Detected
Toluene	0.032	2.2	0.12	8.4
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Tetrachloroethene	0.032	4.3	0.22	29
Chlorobenzene	0.032	Not Detected	0.15	Not Detected
Ethyl Benzene	0.032	0.40	0.14	1.7
m,p-Xylene	0.064	1.1	0.28	4.9
o-Xylene	0.032	0.39	0.14	1.7
1,4-Dichlorobenzene	0.032	0.036	0.19	0.21
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.80	12	1.9	28
Methylene Chloride	0.32	0.49	1.1	1.7
Methyl tert-butyl ether	0.16	0.19	0.58	0.67
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: OC-IA-BIS-WHSE-090806

Lab ID#: 0609274-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092408**	**Date of Collection: 9/8/06**	
Dil. Factor:	**1.61**	**Date of Analysis: 9/24/06 09:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.032	0.58	0.16	2.9
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
Freon 11	0.032	0.39	0.18	2.2
1,1-Dichloroethene	0.016	0.90	0.064	3.6
Freon 113	0.032	0.44	0.25	3.4
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
Chloroform	0.032	Not Detected	0.16	Not Detected
1,1,1-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.032	0.086	0.20	0.54
Benzene	0.080	0.38	0.26	1.2
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	0.083	0.17	0.44
trans-1,3-Dichloropropene	0.032	Not Detected	0.15	Not Detected
Toluene	0.032	1.8	0.12	6.9
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Tetrachloroethene	0.032	1.0	0.22	7.1
Chlorobenzene	0.032	Not Detected	0.15	Not Detected
Ethyl Benzene	0.032	0.24	0.14	1.0
m,p-Xylene	0.064	0.86	0.28	3.7
o-Xylene	0.032	0.32	0.14	1.4
1,4-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.80	13	1.9	31
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	109	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-AA-BIS-090806

Lab ID#: 0609274-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092210**	**Date of Collection: 9/8/06**	
Dil. Factor:	**1.71**	**Date of Analysis: 9/22/06 06:10 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.034	0.60	0.17	3.0
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	0.32	0.19	1.8
1,1-Dichloroethene	0.017	0.14	0.068	0.56
Freon 113	0.034	0.19	0.26	1.5
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.034	0.091	0.22	0.57
Benzene	0.086	0.31	0.27	1.0
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.034	Not Detected	0.16	Not Detected
Toluene	0.034	4.2	0.13	16
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	0.097	0.23	0.66
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.16	0.15	0.68
m,p-Xylene	0.068	0.47	0.30	2.0
o-Xylene	0.034	0.17	0.15	0.74
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	16	2.0	38
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-LAC-Sm Prod-090806

Lab ID#: 0609274-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092410**	**Date of Collection: 9/8/06**	
Dil. Factor:	**8.20**	**Date of Analysis: 9/25/06 12:16 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.59	0.81	2.9
Vinyl Chloride	0.082	Not Detected	0.21	Not Detected
Freon 11	0.16	0.57	0.92	3.2
1,1-Dichloroethene	0.082	0.92	0.32	3.6
Freon 113	0.16	1.9	1.2	14
1,1-Dichloroethane	0.16	Not Detected	0.66	Not Detected
cis-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Chloroform	0.16	Not Detected	0.80	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.89	Not Detected
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
Benzene	0.41	0.42	1.3	1.3
1,2-Dichloroethane	0.16	Not Detected	0.66	Not Detected
Trichloroethene	0.16	Not Detected	0.88	Not Detected
trans-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
Toluene	0.16	150	0.62	570
1,1,2-Trichloroethane	0.16	Not Detected	0.89	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected
Chlorobenzene	0.16	Not Detected	0.76	Not Detected
Ethyl Benzene	0.16	0.22	0.71	0.95
m,p-Xylene	0.33	0.67	1.4	2.9
o-Xylene	0.16	0.24	0.71	1.0
1,4-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
trans-1,2-Dichloroethene	0.82	Not Detected	3.2	Not Detected
Acetone	4.1	490 E	9.7	1200 E
Methylene Chloride	1.6	Not Detected	5.7	Not Detected
Methyl tert-butyl ether	0.82	Not Detected	3.0	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-LAC-Lg Prod-090806

Lab ID#: 0609274-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092213**	**Date of Collection: 9/8/06**	
Dil. Factor:	**3.58**	**Date of Analysis: 9/22/06 09:00 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.072	0.65	0.35	3.2
Vinyl Chloride	0.036	Not Detected	0.092	Not Detected
Freon 11	0.072	0.52	0.40	2.9
1,1-Dichloroethene	0.036	0.62	0.14	2.5
Freon 113	0.072	1.1	0.55	8.7
1,1-Dichloroethane	0.072	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.072	Not Detected	0.28	Not Detected
Chloroform	0.072	0.076	0.35	0.37
1,1,1-Trichloroethane	0.072	Not Detected	0.39	Not Detected
Carbon Tetrachloride	0.072	0.082	0.45	0.52
Benzene	0.18	0.68	0.57	2.2
1,2-Dichloroethane	0.072	Not Detected	0.29	Not Detected
Trichloroethene	0.072	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.072	Not Detected	0.32	Not Detected
Toluene	0.072	55	0.27	210
1,1,2-Trichloroethane	0.072	Not Detected	0.39	Not Detected
Tetrachloroethene	0.072	0.24	0.48	1.6
Chlorobenzene	0.072	Not Detected	0.33	Not Detected
Ethyl Benzene	0.072	0.47	0.31	2.0
m,p-Xylene	0.14	1.7	0.62	7.3
o-Xylene	0.072	0.59	0.31	2.6
1,4-Dichlorobenzene	0.072	Not Detected	0.43	Not Detected
1,2-Dichlorobenzene	0.072	Not Detected	0.43	Not Detected
trans-1,2-Dichloroethene	0.36	Not Detected	1.4	Not Detected
Acetone	1.8	200 E	4.2	480 E
Methylene Chloride	0.72	1.7	2.5	5.9
Methyl tert-butyl ether	0.36	Not Detected	1.3	Not Detected
1,1,2,2-Tetrachloroethane	0.072	Not Detected	0.49	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-LAC-AO-090806

Lab ID#: 0609274-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092512**	**Date of Collection: 9/8/06**	
Dil. Factor:	**1.34**	**Date of Analysis: 9/26/06 12:16 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.027	0.52	0.13	2.6
Vinyl Chloride	0.013	Not Detected	0.034	Not Detected
Freon 11	0.027	0.26	0.15	1.5
1,1-Dichloroethene	0.013	0.015	0.053	0.060
Freon 113	0.027	0.092	0.20	0.70
1,1-Dichloroethane	0.027	Not Detected	0.11	Not Detected
cis-1,2-Dichloroethene	0.027	Not Detected	0.11	Not Detected
Chloroform	0.027	0.029	0.13	0.14
1,1,1-Trichloroethane	0.027	Not Detected	0.15	Not Detected
Carbon Tetrachloride	0.027	0.079	0.17	0.50
Benzene	0.067	0.51	0.21	1.6
1,2-Dichloroethane	0.027	Not Detected	0.11	Not Detected
Trichloroethene	0.027	0.22	0.14	1.2
trans-1,3-Dichloropropene	0.027	Not Detected	0.12	Not Detected
Toluene	0.027	2.8	0.10	10
1,1,2-Trichloroethane	0.027	Not Detected	0.15	Not Detected
Tetrachloroethene	0.027	0.036	0.18	0.24
Chlorobenzene	0.027	Not Detected	0.12	Not Detected
Ethyl Benzene	0.027	0.28	0.12	1.2
m,p-Xylene	0.054	1.0	0.23	4.5
o-Xylene	0.027	0.39	0.12	1.7
1,4-Dichlorobenzene	0.027	0.028	0.16	0.16
1,2-Dichlorobenzene	0.027	Not Detected	0.16	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Acetone	0.67	31 E	1.6	74 E
Methylene Chloride	0.27	1.5	0.93	5.2
Methyl tert-butyl ether	0.13	Not Detected	0.48	Not Detected
1,1,2,2-Tetrachloroethane	0.027	Not Detected	0.18	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	107	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-MN-090806

Lab ID#: 0609274-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092406**	**Date of Collection: 9/8/06**	
Dil. Factor:	**11.9**	**Date of Analysis: 9/24/06 08:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.24	0.52	1.2	2.6
Vinyl Chloride	0.12	Not Detected	0.30	Not Detected
Freon 11	0.24	0.28	1.3	1.6
1,1-Dichloroethene	0.12	Not Detected	0.47	Not Detected
Freon 113	0.24	0.25	1.8	1.9
1,1-Dichloroethane	0.24	Not Detected	0.96	Not Detected
cis-1,2-Dichloroethene	0.24	Not Detected	0.94	Not Detected
Chloroform	0.24	Not Detected	1.2	Not Detected
1,1,1-Trichloroethane	0.24	Not Detected	1.3	Not Detected
Carbon Tetrachloride	0.24	Not Detected	1.5	Not Detected
Benzene	0.60	Not Detected	1.9	Not Detected
1,2-Dichloroethane	0.24	Not Detected	0.96	Not Detected
Trichloroethene	0.24	Not Detected	1.3	Not Detected
trans-1,3-Dichloropropene	0.24	Not Detected	1.1	Not Detected
Toluene	0.24	0.73	0.90	2.8
1,1,2-Trichloroethane	0.24	Not Detected	1.3	Not Detected
Tetrachloroethene	0.24	Not Detected	1.6	Not Detected
Chlorobenzene	0.24	Not Detected	1.1	Not Detected
Ethyl Benzene	0.24	Not Detected	1.0	Not Detected
m,p-Xylene	0.48	Not Detected	2.1	Not Detected
o-Xylene	0.24	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.24	Not Detected	1.4	Not Detected
1,2-Dichlorobenzene	0.24	Not Detected	1.4	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Acetone	6.0	180	14	430
Methylene Chloride	2.4	Not Detected	8.3	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.3	Not Detected
1,1,2,2-Tetrachloroethane	0.24	Not Detected	1.6	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-IA-MN-090806 Duplicate

Lab ID#: 0609274-12AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092214**	**Date of Collection: 9/8/06**	
Dil. Factor:	**5.36**	**Date of Analysis: 9/22/06 09:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.11	0.44	0.53	2.2
Vinyl Chloride	0.054	Not Detected	0.14	Not Detected
Freon 11	0.11	0.28	0.60	1.6
1,1-Dichloroethene	0.054	0.072	0.21	0.28
Freon 113	0.11	0.22	0.82	1.7
1,1-Dichloroethane	0.11	Not Detected	0.43	Not Detected
cis-1,2-Dichloroethene	0.11	Not Detected	0.42	Not Detected
Chloroform	0.11	Not Detected	0.52	Not Detected
1,1,1-Trichloroethane	0.11	Not Detected	0.58	Not Detected
Carbon Tetrachloride	0.11	Not Detected	0.67	Not Detected
Benzene	0.27	0.34	0.86	1.1
1,2-Dichloroethane	0.11	Not Detected	0.43	Not Detected
Trichloroethene	0.11	0.18	0.58	0.99
trans-1,3-Dichloropropene	0.11	Not Detected	0.49	Not Detected
Toluene	0.11	0.78	0.40	2.9
1,1,2-Trichloroethane	0.11	Not Detected	0.58	Not Detected
Tetrachloroethene	0.11	Not Detected	0.73	Not Detected
Chlorobenzene	0.11	Not Detected	0.49	Not Detected
Ethyl Benzene	0.11	0.20	0.46	0.87
m,p-Xylene	0.21	0.39	0.93	1.7
o-Xylene	0.11	0.16	0.46	0.71
1,4-Dichlorobenzene	0.11	Not Detected	0.64	Not Detected
1,2-Dichlorobenzene	0.11	Not Detected	0.64	Not Detected
trans-1,2-Dichloroethene	0.54	Not Detected	2.1	Not Detected
Acetone	2.7	180 E	6.4	440 E
Methylene Chloride	1.1	Not Detected	3.7	Not Detected
Methyl tert-butyl ether	0.54	Not Detected	1.9	Not Detected
1,1,2,2-Tetrachloroethane	0.11	Not Detected	0.74	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: OC-IA-TB-090806

Lab ID#: 0609274-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092409**	**Date of Collection: 9/8/06**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/06 11:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	0.24	0.11	1.3
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: Lab Blank

Lab ID#: 0609274-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/22/06 02:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	91	70-130

Client Sample ID: Lab Blank

Lab ID#: 0609274-14B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/06 07:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: Lab Blank

Lab ID#: 0609274-14C

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092506**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/06 06:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: CCV

Lab ID#: 0609274-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/22/06 10:46 AM**	

Compound	%Recovery
Freon 12	106
Vinyl Chloride	102
Freon 11	100
1,1-Dichloroethene	104
Freon 113	102
1,1-Dichloroethane	101
cis-1,2-Dichloroethene	103
Chloroform	99
1,1,1-Trichloroethane	100
Carbon Tetrachloride	100
Benzene	94
1,2-Dichloroethane	103
Trichloroethene	93
trans-1,3-Dichloropropene	101
Toluene	99
1,1,2-Trichloroethane	99
Tetrachloroethene	98
Chlorobenzene	100
Ethyl Benzene	105
m,p-Xylene	108
o-Xylene	109
1,4-Dichlorobenzene	99
1,2-Dichlorobenzene	91
trans-1,2-Dichloroethene	105
Acetone	99
Methylene Chloride	97
Methyl tert-butyl ether	108
1,1,2,2-Tetrachloroethane	101

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	103	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0609274-15B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/06 04:49 PM**	

Compound	%Recovery
Freon 12	89
Vinyl Chloride	89
Freon 11	89
1,1-Dichloroethene	99
Freon 113	94
1,1-Dichloroethane	97
cis-1,2-Dichloroethene	100
Chloroform	93
1,1,1-Trichloroethane	92
Carbon Tetrachloride	91
Benzene	90
1,2-Dichloroethane	93
Trichloroethene	88
trans-1,3-Dichloropropene	94
Toluene	93
1,1,2-Trichloroethane	94
Tetrachloroethene	91
Chlorobenzene	94
Ethyl Benzene	98
m,p-Xylene	101
o-Xylene	102
1,4-Dichlorobenzene	85
1,2-Dichlorobenzene	74
trans-1,2-Dichloroethene	100
Acetone	85
Methylene Chloride	94
Methyl tert-butyl ether	102
1,1,2,2-Tetrachloroethane	89

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0609274-15C

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/06 02:27 PM**	

Compound	%Recovery
Freon 12	88
Vinyl Chloride	90
Freon 11	89
1,1-Dichloroethene	103
Freon 113	96
1,1-Dichloroethane	98
cis-1,2-Dichloroethene	102
Chloroform	94
1,1,1-Trichloroethane	92
Carbon Tetrachloride	90
Benzene	92
1,2-Dichloroethane	92
Trichloroethene	90
trans-1,3-Dichloropropene	94
Toluene	94
1,1,2-Trichloroethane	95
Tetrachloroethene	92
Chlorobenzene	96
Ethyl Benzene	100
m,p-Xylene	102
o-Xylene	102
1,4-Dichlorobenzene	84
1,2-Dichlorobenzene	72
trans-1,2-Dichloroethene	102
Acetone	88
Methylene Chloride	98
Methyl tert-butyl ether	103
1,1,2,2-Tetrachloroethane	89

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0609274-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/22/06 11:30 AM**	

Compound	%Recovery
Freon 12	94
Vinyl Chloride	92
Freon 11	102
1,1-Dichloroethene	102
Freon 113	100
1,1-Dichloroethane	105
cis-1,2-Dichloroethene	98
Chloroform	104
1,1,1-Trichloroethane	103
Carbon Tetrachloride	102
Benzene	98
1,2-Dichloroethane	110
Trichloroethene	94
trans-1,3-Dichloropropene	113
Toluene	102
1,1,2-Trichloroethane	107
Tetrachloroethene	104
Chlorobenzene	105
Ethyl Benzene	109
m,p-Xylene	114
o-Xylene	112
1,4-Dichlorobenzene	121
1,2-Dichlorobenzene	117
trans-1,2-Dichloroethene	118
Acetone	104
Methylene Chloride	96
Methyl tert-butyl ether	116
1,1,2,2-Tetrachloroethane	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0609274-16B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/06 05:33 PM**	

Compound	%Recovery
Freon 12	94
Vinyl Chloride	96
Freon 11	100
1,1-Dichloroethene	106
Freon 113	101
1,1-Dichloroethane	106
cis-1,2-Dichloroethene	101
Chloroform	102
1,1,1-Trichloroethane	100
Carbon Tetrachloride	97
Benzene	98
1,2-Dichloroethane	103
Trichloroethene	94
trans-1,3-Dichloropropene	111
Toluene	101
1,1,2-Trichloroethane	106
Tetrachloroethene	102
Chlorobenzene	105
Ethyl Benzene	108
m,p-Xylene	115
o-Xylene	113
1,4-Dichlorobenzene	118
1,2-Dichlorobenzene	110
trans-1,2-Dichloroethene	120
Acetone	102
Methylene Chloride	98
Methyl tert-butyl ether	115
1,1,2,2-Tetrachloroethane	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	96	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0609274-16C

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	**6092503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/06 03:09 PM**	

Compound	%Recovery
Freon 12	81
Vinyl Chloride	84
Freon 11	93
1,1-Dichloroethene	100
Freon 113	97
1,1-Dichloroethane	103
cis-1,2-Dichloroethene	99
Chloroform	99
1,1,1-Trichloroethane	95
Carbon Tetrachloride	93
Benzene	97
1,2-Dichloroethane	99
Trichloroethene	92
trans-1,3-Dichloropropene	108
Toluene	100
1,1,2-Trichloroethane	105
Tetrachloroethene	100
Chlorobenzene	102
Ethyl Benzene	105
m,p-Xylene	111
o-Xylene	110
1,4-Dichlorobenzene	121
1,2-Dichlorobenzene	116
trans-1,2-Dichloroethene	116
Acetone	96
Methylene Chloride	96
Methyl tert-butyl ether	111
1,1,2,2-Tetrachloroethane	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	96	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Contact Person: Sharon Waller
Company: CDM Email:
Address: 18581 Teller Ave City: Irvine State: CA Zip: 92612
Phone: 949 752 5452 Fax:
Collected by: (Signature) [signature]

Project Info:
P.O. #:
Project #: 10500.37240
Project Name: OMEGA

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: BD
Date: 9/14/06
Pressurization Gas: N2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	END Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	OC-IA-ONC-AO-090806	34472	9/8/06	15:40	TO-15 SIM (same list as previous omega sampling	8*	8	4.5"Hg	5.0psi
02A	OC-IA-ONC-NS-090806	416		15:44		30	8	5.0"Hg	
03A	OC-AA-ONC-090806	34364		15:50		30	115	7.0"Hg	
04A	OC-IA-BIS-AO-090806	34721		16:42		30	5	4.0"Hg	
05A	OC-IA-BIS-AOK-090806	12025		16:42		30	5	5.0"Hg	
06A	OC-IA-BIS-STORE-090806	25262		16:46		30	75	5.0"Hg	
07A	OC-IA-BIS-WHSE-090806	34349		16:47		30	5	5.0"Hg	
08A	OC-AA-BIS-090806	4270		16:49		26	8	6.5"Hg	
09A	OC-IA-LAC-SmProd-090806	33564		16:25		29	55	5.5"Hg	
10A	OC-IA-LAC-Lg Prod 090806	34758		16:23		30	85	7.5"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	9/11/06	[signature]	9/13/06 0850

Notes: * gage wasn't working

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	6429 3391 2396	NA	Good	Yes No None	0609274

Form 1293 rev.10

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Contact Person: Sharon Walker
Company: CDM Email:
Address: City: State: Zip:
Phone: Fax:
Collected by: (Signature) Sibel Tekce

Project Info:
P.O. #:
Project #: 10500
Project Name: OMEGA

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: BS
Date: 9/14/06
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
11A	OCIA-LAC-AB-090806	3436	9/8/06	16.28	TO-15 SIM (Same list as previous Omega Sampling)	30	0	0.0"Hg	5.0p
12A	OCIA-MN-090806	9929	↓	17.02		30	25*	22.5"Hg	↓
13A	OC-IA-TB-090806	13663	↓	—				28.5"Hg	↓

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	9/11/06	[signature]	9/13/06 0850

Notes: * gage no robbens

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	642938912396	11A	Good	Yes No None	0609274

Form 1203 rev.10

Table A-1
Omega Chemical Superfund Site
Summary of Shallow Soil Analytical Data
Metals

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
SS-01	6010B/7471A	05-Apr-04	ORIG	0	0.6 J	21	150	0.46 J	1.4	19	8.9	22	25	0.85	5 U	19	1 U	1 U	10 U	38	120
SS-02	6010B/7471A	05-Apr-04	ORIG	0	0.8 J	6	160	0.48 J	1.8	23	9.3	28	60	0.59	5 U	29	1 U	1 U	2 J	44	120
SS-03	6010B/7471A	05-Apr-04	ORIG	0	10 U	3	75	0.19 UJB	0.35 UJB	8.3	12	13	9.8	0.16 J	5 U	9.2	1 U	1 U	10 U	20	37
SS-04	6010B/7471A	05-Apr-04	ORIG	0	10 U	3	150	0.49 J	0.86 J	13	8.8	23	5	0.029 J	5 U	17	1 U	1 U	10 U	35	54
SS-05	6010B/7471A	05-Apr-04	ORIG	0	10 U	3	82	0.18 UJB	0.25 UJB	10	6.3	14	5	0.26	5 U	11	1 U	1 U	1 J	22	34
SS-06	6010B/7471A	05-Apr-04	ORIG	0	0.7 J	8.7	170	0.41 J	1.1	27	8.4	35	100	0.7	5 U	23	1 U	1.2	2 J	44	120
SS-07	6010B/7471A	05-Apr-04	ORIG	0	0.7 J	6.6	170	0.49 J	2.1	25	9.5	30	40	0.034 J	5 U	27	1 U	1 U	2 J	49	160
SS-08	6010B/7471A	05-Apr-04	ORIG	0	0.7 J	6.4	180	0.52 J	1.3	24	11	28	18	0.2 U	5 U	27	1 U	1 U	1 J	50	67
SS-08	6010B/7471A	05-Apr-04	DUP	0	0.9 J	7.3	190	0.5 J	1.4	27	11	29	15	0.2 U	3 J	27	1 U	1 U	2 J	55	70
SS-09	6010B/7471A	05-Apr-04	ORIG	0	10 U	5.5	170	0.47 J	1.2	360	8.7	24	22	0.06 J	5 U	22	1 U	1 U	1 J	44	66
SS-10	6010B/7471A	05-Apr-04	ORIG	0	10 U	4	140	0.45 J	0.85 J	15	7.2	20	11	0.048 J	5 U	17	1 U	1 U	1.7 J	36	52
SS-11	6010B/7471A	05-Apr-04	ORIG	0	10 U	6.2	160	0.49 J	1.2	18	8.3	23	27	0.057 J	5 U	22	1 U	1 U	1.2 J	37	57
SS-11	6010B/7471A	05-Apr-04	DUP	0	10 U	4	150	0.48 J	0.95 J	17	8.2	23	22	0.055 J	5 U	18	1 U	1 U	10 U	42	58
SS-12	6010B/7471A	05-Apr-04	ORIG	0	10 U	5	170	0.5 J	0.98 J	100	9	24	15	0.12 J	5 U	19	1 U	1 U	0.9 J	51	65
SS-13	6010B/7471A	05-Apr-04	ORIG	0	0.7 J	7.7	190	0.5 J	1.4	25	9.3	29	60	0.079 J	5 U	22	1 U	1 U	2 J	47	86
SS-14	6010B/7471A	05-Apr-04	ORIG	0	10 U	5.8	160	0.47 J	1.1	30	8	26	41	0.076 J	5 U	20	1 U	1 U	10 U	35	78
SS-15	6010B/7471A	05-Apr-04	ORIG	0	10 U	4	91	0.36 J	0.7 J	19	6.6	24	78	0.17 J	5 U	13	1 U	1 U	1.6 J	29	68
SS-16	6010B/7471A	05-Apr-04	ORIG	0	10 U	6.1	150	0.44 J	1.3	18	8.7	29	64	0.2	5 U	20	1 U	1 U	10 U	39	79
SS-17	6010B/7471A	06-Apr-04	ORIG	0	0.9 J	5.1	160	0.49 J	1.2	20	9.4	24	5.5	0.031 J	5 U	23	1 U	1 U	2 J	44	56
SS-18	6010B/7471A	06-Apr-04	ORIG	0	10 U	5.5	210	0.48 J	1.3	22	9.5	26	36	0.034 J	5 U	22	1 U	1 U	1 J	52	72
SS-19	6010B/7471A	06-Apr-04	ORIG	0	0.9 J	5.1	190	0.5 J	1.2	22	9	25	39	0.046 J	5 U	23	1 U	1 U	0.9 J	49	65
SS-20	6010B/7471A	06-Apr-04	ORIG	0	10 U	4	140	0.52 J	1.4	19	11	26	8.4	0.03 J	5 U	25	1 U	1 U	10 U	40	61

Notes:

All units are reported in milligrams per kilogram (mg/kg)

U = Not detected at a concentration greater than the reporting limit shown

J = Estimated concentration

Sample Type:

ORIG = Primary sample

DUP = Duplicate sample

Table A-2
Omega Chemical Superfund Site
Summary of Shallow Soil Analytical Data
Semi-Volatile Organic Compounds (SVOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,2-Dichloro-benzene	1,4-Dioxane	2-Methyl-naphthalene	Benzo (a) Anthracene	Bis (2-Ethylhexyl) Phthalate	Butylbenzyl Phthalate	Chrysene	Diethyl Phthalate	Di-n-Butyl-phthalate	Fluoranthene	Naphthalene	Phenanthrene	Pyrene
SS-01	8270	05-Apr-04	ORIG	0	4 U	0.087	4 U	4 U	8 U	1.9 J	4 U	4 U	4 U	4 U	4 U	4 U	4 U
SS-02	8270	05-Apr-04	ORIG	0	4 U	0.09 U	4 U	4 U	8 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
SS-03	8270	05-Apr-04	ORIG	0	0.2 U	0.09 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SS-04	8270	05-Apr-04	ORIG	0	0.1 U	0.07 U	0.1 U	0.1 U	1.6	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SS-05	8270	05-Apr-04	ORIG	0	0.2 U	0.03 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SS-06	8270	05-Apr-04	ORIG	0	7 U	0.09 U	7 U	7 U	20 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SS-07	8270	05-Apr-04	ORIG	0	8 U	0.018 J	8 U	8 U	20 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U
SS-08	8270	05-Apr-04	ORIG	0	0.2 U	0.014 J	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SS-08	8270	05-Apr-04	DUP	0	0.2 U	0.014 J	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SS-09	8270	05-Apr-04	ORIG	0	0.083 J	0.17	0.1 U	0.032 J	0.44	0.1 U	0.038 J	0.1 U	0.1 U	0.033 J	0.1 U	0.03 J	0.044 J
SS-10	8270	05-Apr-04	ORIG	0	0.1 U	0.043	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SS-11	8270	05-Apr-04	ORIG	0	0.2 U	0.07 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SS-11	8270	05-Apr-04	DUP	0	0.1 U	0.07 U	0.1 U	0.1 U	0.03 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.013 J	0.1 U
SS-12	8270	05-Apr-04	ORIG	0	0.1 U	1.6	0.1 U	0.1 U	0.39	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SS-13	8270	05-Apr-04	ORIG	0	0.1 U	0.03 U	0.1 U	0.1 U	0.72	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.018 J
SS-14	8270	05-Apr-04	ORIG	0	0.09 U	0.03 U	0.09 U	0.09 U	0.067 J	0.09 U	0.09 U	0.037 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
SS-15	8270	05-Apr-04	ORIG	0	5 U	0.09 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
SS-16	8270	05-Apr-04	ORIG	0	0.4 U	0.018 J	0.4 U	0.4 U	2.1	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SS-17	8270	06-Apr-04	ORIG	0	0.1 U	0.099	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SS-18	8270	06-Apr-04	ORIG	0	0.09 U		0.09 U	0.09 U	0.2 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
SS-19	8270	06-Apr-04	ORIG	0	0.1 U	1.3	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SS-20	8270	06-Apr-04	ORIG	0	0.24	14	0.48	0.1 U	51	0.85	0.1 U	0.1 U	0.33	0.1 U	1.2	0.1 U	0.1 U

Notes:

All units are reported in milligrams per kilogram (mg/kg)

Only SVOCs detected in one or more shallow soil samples are listed

U = Not detected at a concentration greater than the reporting limit shown

J = Estimated concentration

Sample Type:

ORIG = Primary sample

DUP = Duplicate sample

Table A-3
Omega Chemical Superfund Site
Summary of Shallow Soil Analytical Data
Pesticides and Polychlorinated Biphenyls (PCBs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Alpha-BHC	Beta-BHC	Chlordane	Delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin Aldehyde	Gamma-BHC	Heptachlor	Heptachlor Epoxide	Methoxychlor	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	PCBs, Total	Toxaphene
SS-01	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1 U
SS-02	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1 U
SS-03	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.001 J	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1 U
SS-04	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.5 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	1 U
SS-05	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.0045 J	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1 U
SS-06	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1 U
SS-07	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.0047 J	0.012	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ	1 U
SS-08	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1 U
SS-08	8081/8082	05-Apr-04	DUP	0	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.05 UJ	0.1 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1 UJ
SS-09	8081/8082	05-Apr-04	ORIG	0	0.005 UJ	0.0017 J	0.0035 J	0.005 UJ	0.005 UJ	0.05 UJ	0.1 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	1 UJ
SS-10	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	1 U
SS-11	8081/8082	05-Apr-04	ORIG	0	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.05 UJ	0.1 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	1 UJ
SS-11	8081/8082	05-Apr-04	DUP	0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	1 U
SS-12	8081/8082	05-Apr-04	ORIG	0	0.0016 J	0.0036 J	0.003 J	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.0084	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	1 U
SS-13	8081/8082	05-Apr-04	ORIG	0	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.05 UJ	0.036 J	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	1 UJ
SS-14	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.005 U	0.012	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	1 U
SS-15	8081/8082	05-Apr-04	ORIG	0	0.032	0.3	0.1	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.05	0.005 U	0.005 U	0.005 U	0.032	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	1 U
SS-16	8081/8082	05-Apr-04	ORIG	0	0.005 U	0.005 U	0.15	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.5 J	0.01 UJ	0.5 J	1 U
SS-17	8081/8082	06-Apr-04	ORIG	0	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	0.01 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
SS-18	8081/8082	06-Apr-04	ORIG	0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	1 U
SS-19	8081/8082	06-Apr-04	ORIG	0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	1 U
SS-20	8081/8082	06-Apr-04	ORIG	0	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.5 UJ	1 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	10 UJ

Notes:
All units are reported in milligrams per kilogram (mg/kg)
U = Not detected at a concentration greater than the reporting limit shown
J = Estimated concentration
Sample Type:
ORIG = Primary sample
DUP = Duplicate sample

Table A-4
Omega Chemical Superfund Site
Summary of Soil Analytical Data
Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,4-Dichloro-benzene	Acetone	Benzene	Bromoform	Chloroform	Cis-1,2-Dichloro-ethene	Di-Isopropyl Ether (DIPE)	Methylene Chloride	Tetrachloro-ethene	Tetrahydro-furan	Toluene	m,p-Xylenes	o-Xylene	Total Xylenes	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloro-propene	Trichloro-ethene	Trichloroflu oro-methane (Freon 11)	Vinyl Acetate
B-04	8240	05/23/96	ORIG	10	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1.9	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
B-04	8240	05/23/96	ORIG	15	--	1.2	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	9.8	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
B-04	8240	05/23/96	ORIG	20	--	1.1	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	11	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
B-04	8240	05/23/96	ORIG	30	--	0.85	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	5.2	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
B-04	8240	05/23/96	ORIG	45	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	8.4	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
B-04	8240	05/23/96	ORIG	55	--	3 U	5 U	3 U	3 U	3 U	3 U	3 U	3 U	50 U	3 U	3 U	3 U	3 U	--	3 U	56	--	3 U	--	--	10 U	3 U	3 U	3 U	3 U	30 U
B-04	8240	05/23/96	ORIG	5	--	15	100 U	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	50 U	--	50 U	510	--	50 U	--	--	200 U	50 U	50 U	50 U	50 U	500 U
B-04	8240	05/23/96	ORIG	65	--	1.5	2 U	1 U	1 U	1 U	1 U	1 U	1 U	20 U	1 U	1 U	1 U	1 U	--	1.4	27	--	1 U	--	--	4 U	1 U	1 U	1 U	1 U	10 U
B-04	8240	05/23/96	ORIG	70	--	0.67	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	4.2	11	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
B-04	8240	05/23/96	ORIG	75	--	0.96	0.98	0.5 U	0.5 U	0.99	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	2.4	16	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.54	0.5 U	5 U
C-01	8240	01/30/96	ORIG	15	--	0.03 U	0.05 U	0.03 U	0.03 U	0.03 U	0.03 U	0.15	0.03 U	0.5 U	0.03 U	0.03 U	0.03 U	0.03 U	--	0.03 U	0.45	--	0.03 U	--	--	0.1 U	0.03 U	0.03 U	0.03 U	0.03 U	0.3 U
C-01	8240	01/30/96	ORIG	30	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1.4	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U
C-01	8240	01/30/96	ORIG	45	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	2.4	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U
C-02	8240	01/30/96	ORIG	15	--	0.6	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	3.4	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
C-02	8240	01/30/96	ORIG	30	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1.4	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
C-02	8240	01/30/96	ORIG	45	--	0.77	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	6.9	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
C-02	8240	01/30/96	ORIG	52.5	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	8.1	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
C-03	8240	02/01/96	ORIG	15	--	0.005 U	0.005 U	0.0069	0.005 U	0.0074	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.15	--	0.005 U	--	--	0.02 U	0.005 U	0.024	0.024 U	0.005 U	0.05
C-03	8240	02/01/96	ORIG	30	--	0.03 U	0.078	0.03 U	0.03 U	0.035	0.03 U	0.03 U	0.03 U	0.3 U	0.03 U	0.03 U	0.03 U	0.03 U	--	0.03 U	0.17	--	0.03 U	--	--	0.1	0.03 U	0.03 U	0.03	0.046	0.03 U
C-03	8240	02/01/96	ORIG	45	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.81	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
C-03	8240	02/01/96	ORIG	60	--	0.013	0.01 U	0.005 U	0.005 U	0.12	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.012	0.15	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.024	0.005 U	0.05 U
C-03	8240	02/01/96	ORIG	75	--	0.005 U	0.15	0.005 U	0.005 U	0.013	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.033	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.014	0.037	0.05 U
C-07	8240	02/01/96	ORIG	15	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	6.2	--	0.3 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
C-07A	8240	02/01/96	ORIG	15	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.79	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
C-07A	8240	02/01/96	ORIG	30	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	2.5	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
C-07A	8240	02/01/96	ORIG	45	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.54	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	7.2	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
C-07A	8240	02/01/96	ORIG	52	--	1 U	2 U	1 U	1 U	1 U	1 U	2.1	1 U	20 U	1 U	1 U	1 U	1 U	--	1 U	37	--	1 U	--	--	4 U	1 U	1 U	1 U	1 U	10 U
GP1	8260B	10/27/03	ORIG	60	0.21 U	0.083 U	0.41 U	0.083 U	0.083 U	0.21 U	0.083 U	0.083 U	0.083 U	1.2 U	0.083 U	0.21 U	0.083 U	0.083 U	0.21 U	0.83 U	4.6	--	0.083 U	0.083 U	0.083 U	0.17 U	0.083 U	0.083 U	0.13	0.21 U	--
GP1	8260B	10/27/03	ORIG	75	0.21 U	0.084 U	0.42 U	0.084 U	0.084 U	0.21 U	0.084 U	0.084 U	0.084 U	1.3 U	0.084 U	0.21 U	0.084 U	0.084 U	0.21 U	0.84 U	4.1	--	0.084 U	0.084 U	0.084 U	0.17 U	0.084 U	0.084 U	0.1	0.21 U	--
GP1	8260B	10/27/03	ORIG	85	0.004 U	0.0016 U	0.008 U	0.0016 U	0.0016 U	0.004 U	0.0016 U	0.0016 U	0.0016 U	0.008 U	0.0016 U	0.004 U	0.0016 U	0.0016 U	--	0.016 U	0.1	--	0.0016 U	0.0016 U	0.0016 U	0.0032 U	0.0016 U	0.0016 U	0.0045	0.004 U	--
GP2	8260B	10/28/03	ORIG	65	0.2 U	0.082 U	0.41 U	0.082 U	0.082 U	0.2 U	0.082 U	0.082 U	0.082 U	1.2 U	0.082 U	0.2 U	0.082 U	0.082 U	--	0.82 U	4.2	--	0.082 U	0.082 U	0.082 U	--	0.082 U	0.082 U	0.18	0.2 U	--
GP2	8260B	10/28/03	ORIG	77	0.2 U	0.082 U	0.41 U	0.082 U	0.082 U	0.2 U	0.082 U	0.082 U	0.082 U	1.2 U	0.082 U	0.2 U	0.082 U	0.082 U	--	0.82 U	1.5	--	0.082 U	0.082 U	0.082 U	--	0.082 U	0.082 U	0.082 U	0.2 U	--
GP2	8260B	10/28/03	ORIG	79	0.25 U	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	1.5 U	0.1 U	0.25 U	0.1 U	0.1 U	--	1 U	1.7	--	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.25 U	--
GP2	8260B	10/28/03	DUP	65	0.2 U	0.08 U	0.4 U	0.08 U	0.08 U	0.2 U	0.08 U	0.08 U	0.08 U	1.2 U	0.08 U	0.2 U	0.08 U	0.08 U	--	0.8 U	4	--	0.08 U	0.08 U	0.08 U	--	0.08 U	0.08 U	0.17	0.2 U	--
GP3A	8260B	10/28/03	ORIG	10	0.21 U	0.085 U	0.42 U	0.085 U	0.085 U	0.21 U	0.085 U	0.085 U	0.085 U	1.3 U	0.085 U	0.21 U	0.085 U	0.085 U	--	0.85 U	3.2	--	0.085 U	0.085 U	0.085 U	--	0.085 U	0.085 U	0.085 U	0.21 U	--
GP3A	8260B	10/28/03	ORIG	20	0.0042 U	0.016	0.0083 U	0.0043	0.0036	0.0042 U	0.0017 U	0.04	0.0017 U	0.0083 U	0.0017 U	0.0042 U	0.0028	0.0017 U	--	0.017 U	0.3	--	0.0017 U	0.0017 U	0.0017 U	--	0.0017 U	0.0017 U	0.009	0.0042 U	--
GP3A	8260B	10/28/03	ORIG	32	0.005 U	0.0058	0.01 U	0.0072	0.0034	0.005 U	0.002 U	0.12	0.002 U	0.012	0.002 U	0.005 U	0.0038	0.002 U	--	0.02 U	0.13	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.0069	0.005 U	--
GP3A	8260B	10/28/03	ORIG	45	0.2 U	0.078 U	0.39 U	0.078 U	0.078 U	0.2 U	0.078 U	0.22	0.078 U	1.2 U	0.078 U	0.2 U	0.078 U	0.078 U	--	0.78 U	3.8	--	0.078 U	0.078 U	0.078 U	--	0.078 U	0.078 U	0.14	0.2 U	--
GP3A	8260B	10/28/03	ORIG	55	0.2 U	0.081 U	0.4 U	0.081 U	0.081 U	0.2 U	0.081 U	0.11	0.081 U	1.2 U	0.081 U	0.2 U	0.081 U	0.081 U	--	0.81 U	5.6	--	0.081 U	0.081 U	0.081 U	--	0.081 U	0.081 U	0.13	0.2 U	--
GP3A	8260B	10/28/03	ORIG	65	0.25 U	0.13	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.14	0.1 U	1.5 U	0.1 U	0.25 U	0.1 U	0.1 U	--	1 U	12	--	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.19	0.25 U	--
GP3A	8260B	10/28/03	ORIG	78	0.005 U	0.002 U	0.01 U	0.002 U	0.002 U	0.005 U	0.002 U	0.0021	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.013	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.002 U	0.005 U	--
GP3A	8260B	10/28/03	ORIG	85	0.21 U	0.083 U	0.41 U	0.083 U	0.083 U	0.21 U	0.083 U	0.083 U	0.083 U	1.2 U	0.083 U	0.21 U	0.083 U	0.083 U	--	0.83 U	0.97	--	0.083 U	0.083 U	0.083 U	--	0.083 U	0.083 U	0.083 U	0.21 U	--
GP4	524.2	01/21/04	EPA	68	--	0.26 J	0.0013 UJ	0.13 J	0.03 J	0.13 J	0.0022 J	0.048 J	0.0013 UJ	0.0066 UJ	0.0047 J	0.0013 UJ	0.077 J	0.0013 UJ	--	0.013 J	4 J	--	0.0013 J	0.0013 UJ	0.0013 UJ	--	0.003 J	0.0013 UJ	0.31 J	0.0031 J	--
GP4	8260B	01/20/04	ORIG	20	0.0045 U	0.0026	0.009 U	0.0018 U	0.0018 U	0.0045 U	0.0018 U	0.0032	0.0018 U	0.009 U	0.0018 U	0.0045 U	0.0057	0.0018 U	--	0.018 U	0.1	--	0.0018 U	0.0018 U	0.0018 U	0.0036 U	0.0018 U	0.0018 U	0.0071	0.0045 U	--
GP4	8260B	01/20/04	ORIG	35	0.0043 U	0.0051	0.0086 U	0.0067	0.0073	0.013	0.0017 U	0.014	0.0017 U	0.0086 U	0.0031	0.0043 U	0.028	0.0017 U	--	0.017 U	4.2	--	0.0017 U	0.0017 U	0.0017 U	0.0034 U	0.0017 U	0.0017 U	0.03	0.0043 U	--
GP4	8260B	01/20/04	ORIG	48	0.005 U	0.015	0.01 U	0.019	0.019	0.036	0.002 U	0.03	0.002 U	0.01 U	0.0056	0.005 U	0.065	0.002 U	--	0.02 U	4.3	--	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	0.074	0.005 U	--
GP4	8260B	01/21/04	ORIG	68	0.21 U	0.34	0.42 U	0.14	0.084 U	0.21 U	0.084 U	0.084 U	0.084 U	1.3 U	0.084 U	0.21 U	0.11	0.084 U	--	0.84 U	48	--	0.084 U	0.084 U	0.084 U	0.17 U	0.084 U	0.084 U	0.43	0.21 U	--
GP5	524.2	01/21/04	EPA	54	--	0.012 J	0.0059 J	0.0012 U	0.018 J	0.1 J	0.0012 U	0.0046	0.0012 UJ	0.006 U	0.0016 J	0.0012 U	0.6 J	0.036 J	--	0.0065 J	3.5 J	--	0.0059 J	0.0012 UJ	0.0012 U	--	0.0022 J	0.0012 U	0.21 J	0.0036 J	--
GP5	8260B	01/20/04	ORIG	18	0.25 U	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	1.5 U	0.1 U	0.25 U	0.1 U	0.1 U	--	1 U	2.5	--	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.25 U	--
GP5	8260B	01/20/04	ORIG	32	0.0056 U	0.0022 U	0.011 U	0.0022 U	0.0052	0.015	0.0022 U	0.0022 U	0.0022 U	0.011 U	0.0022 U	0.0056 U	0.062	0.014	--	0.022 U	4.3	--	0.0022 U	0.0022 U	0.0022 U	0.0045 U	0.0022 U	0.0022 U	0.048	0.0056 U	--
GP5	8260B	01/20/04	ORIG	54	0.005 U	0.0049	0.01 U	0.002 U	0.01	0.034	0.002 U	0.0033	0.002 U	0.01 U	0.002 U	0.005 U	0.28	0.021	--	0.02 U	6.8	--	0.003	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	0.079	0.005 U	--
GP5	8260B	01/20/04	ORIG	68	0.0044 U	0.012	0.0088 U	0.0019	0.009	0.045	0.0018 U	0.023	0.0018 U	0.0088 U	0.0018 U	0.0044 U	0.31	0.01	--	0.018 U	3.7	--	0.0018 U	0.0018 U	0.0018 U	0.0035 U	0.002	0.0018 U	0.067	0.0044 U	--
GP6	8260B	01/22/04	ORIG	25	0.004 U	0.0016 U	0.0081 U	0.0016 U	0.0016 U	0.01	0.0016 U	0.0016 U	0.0016 U	0.0081 U	0.0016 U	0.004 U	0.0019	0.0018	--	0.016 U	0.13	--	0.0016 U	0.0016 U	0.0016 U	0.0032 U	0.0016 U	0.0016 U	0.0032	0.004 U	--
GP6	8260B	01/22/04	ORIG	50	0.0042 U	0.035	0.0085 U	0.0017 U	0.0051	0.039	0.0017 U	0.0039	0.0017 U	0.0085 U	0.0017 U	0.0042 U	0.015	0.002	--	0.017 U	8.5	--	0.0017 U	0.0017 U	0.0017 U	0.0034 U	0.0017 U	0.0017 U	0.034	0.0042 U	--
GP6	8260B	01/22/04	ORIG	70	0.0039 U	0.091	0.0079 U	0.0016 U	0.0017	0.039	0.0016 U	0.0027	0.0016 U	0.0079 U	0.0016 U	0.0039 U	0.0066	0.0016 U	--	0.016 U	11	--	0.0016 U	0.0016 U	0.0016 U	0.0031 U	0.0016 U	0.0016 U	0.042	0.0039 U	--
GP7	524.2	01/21/04	EPA	45	--	0.0016 UJ	0.0016 UJ	0.0016 UJ	0.0016 UJ	0.0016 UJ	0.0016 UJ	0.0016 UJ	0.0016 UJ	0.0081 UJ	0.0016 UJ	0.0016 UJ	0.002 J	0.0016 UJ	--	0.0016 UJ	0.76 J	--	0.0016 UJ	0.0016 UJ	0.0016 UJ	--	0.0016 UJ	0.0016 UJ	0.022 J	0.0016 UJ	--
GP7	8260B	01/21/04	ORIG	45	0.0042 U	0.0017 U	0.0085 U	0.0017 U	0.0031	0.01	0.0017 U	0.0022	0.0017 U	0.0085 U	0.0017 U	0.0042 U	0.032	0.0017 U	--	0.017 U	0.23	--	0.0017 U	0.0017 U	0.0017 U	0.0034 U	0.0017 U	0.0017 U	0.016	0.0042 U	--
GP7	8260B	01/21/04	ORIG	60	0.005 U	0.0066	0.01 U	0.0042	0.015	0.085	0.002 U	0.002	0.002 U	0.01 U	0.0021	0.005 U	0.19	0.0024	--	0.059	6.2	--	0.002 U	0.002 U	0.002 U	0.004 U	0.0049	0.002 U	0.11	0.005 U	--
GP7	8260B	01/21/04	ORIG	65	0.004 U	0.01	0.008 U	0.0079	0.017	0.11	0.0016 U	0.005	0.0016 U	0.008 U	0.0023	0.004 U	0.21	0.0021	--	0.016 U	11	--	0.0016 U	0.0016 U	0.0016 U	0.0032 U	0.0071	0.0016 U	0.13	0.0057	--
GP8	524.2	01/21/04	EPA	50	--	0.0077 J	0.068 J	0.01 J	0.024 J	0.43 J	0.0014 UJ	0.03 J	0.0014 UJ	0.0068 UJ	0.0029 J	0.0014 UJ	0.47 J	0.013 J	--	0.22 J	6.2 J	--	0.0028 J	0.0014 UJ	0.0016 J	--	0.0059 J	0.0014 UJ	0.56 J	0.026 J	--
GP8	8260B	01/21/04	ORIG	50	0.0044 U	0.0018 U	0.0089 U	0.0018 U	0.0018 U	0.014	0.0018 U	0.0019	0.0018 U	0.0089 U	0.0018 U	0.0044 U	0.03	0.0018 U	--	0.019	7	--	0.0018 U	0.0018 U	0.0018 U	0.0036 U	0.0018 U	0.0018 U	0.029	0.0044 U	--
GP8	8260B	01/21/04	ORIG	60	0.0041 U	0.0016 U	0.0082 U	0.0016 U	0.0016 U	0.0041 U	0.0016 U	0.0016 U	0.0016 U	0.0082 U	0.0016 U	0.0041 U	0.013	0.0016 U	--	0.016 U	0.051	--	0.0016 U	0.0016 U	0.0016 U	0.0033 U	0.0016 U	0.0016 U	0.0044	0.0041 U	--
GP8	8260B	01/21/04	ORIG	66	0.005 U	0.002 U	0.01 U	0.002 U	0.002 U	0.005 U	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.0029	0.002 U	--	0.02 U	0.056	--	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	0.002 U	0.005 U	--
MIP14-B1	8260B	12/16/05	ORIG	26	0.00083 U	0.00083 U	0.036	0.00083 U	0.004	0.2	0.00083 U	0.00083 U	0.00083 U	0.017 U	0.00083 U	0.0042 U	0.0024	0.00083 U	0.00083 U	0.0083 U	0.96	--	0.00083 U	0.0017 U	0.00083 U	--	0.0048	0.0017 U	0.081	0.038	0.0083 U
MIP14-B1	8260B	12/16/05	ORIG	34	0.0008 U	0.0008 U	0.035	0.0008 U	0.0049	0.25	0.0008 U	0.0008 U	0.0008 U	0.016 U	0.0008 U	0.004 U	0.0036	0.0008 U	0.0008 U	0.008 U	1.6	--	0.0008 U	0.0016 U	0.0008 U	--	0.0075	0.0016 U	0.096	0.038	0.008 U
MIP14-B1	8260B	12/16/05	ORIG	53	0.00087 U	0.0014	0.024	0.00087 U	0.0071	0.21	0.00087 U	0.00087 U	0.00087 U	0.017 U	0.0012	0.0044 U	0.0094	0.00087 U	0.00087 U	0.0087 U	1.9	--	0.00087 U	0.0017 U	0.00087 U	--	0.017	0.0017 U	0.12	0.029	0.0087 U
MIP14-B1	8260B	12/16/05	ORIG	74	0.08 U	0.08 U	0.8 U	0.08 U	0.08 U	0.21	0.08 U	0.08 U	0.08 U	1.6 U	0.08 U	0.4 U	0.08 U	0.08 U	0.08 U	0.8 U	3.3	--	0.08 U	0.16 U	0.08 U	--	0.08 U	0.16 U	0.24	0.8 U	0.8 U
MIP1-B3	8260B	12/19/05	ORIG	29	0.00084 U	0.00097	0.027 J	0.0076	0.0041	0.2 J	0.00084 U	0.00084 U	0.00084 U	0.017 U	0.00084 U	0.0042 U	0.0085	0.00084 U	0.00084 U	0.0084 U	2.2	--	0.00084 U	0.0017 U	0.00084 U	--	0.012	0.0017 U	0.23 J	0.022	0.0084 U
MIP1-B3	8260B	12/19/05	DUP	29	0.001 U	0.001 U	0.015 J	0.0069	0.0031	0.13 J	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U	0.0072	0.001 U	0.001 U	0.01 U	2.4	--	0.001 U	0.002 U	0.001 U	--	0.0086	0.002 U	0.15 J	0.012	0.01 U
MIP1-B3	8260B	12/19/05	ORIG	33	0.00084 U	0.0012	0.028	0.0081	0.0047	0.2 J	0.00084 U	0.00084 U	0.00084 U	0.017 U	0.00084 U	0.0042 U	0.0098	0.00084 U	0.00084 U	0.0084 U	1.2	--	0.00084 U	0.0017 U	0.00084 U	--	0.015	0.0017 U	0.19 J	0.024	0.0084 U
MIP1-B3	8260B	12/19/05	ORIG	37	0.00086 U	0.0015	0.024	0.0058	0.0055	0.12 J	0.00086 U	0.00086 U	0.00086 U	0.017 U	0.0011	0.0043 U	0.011	0.00086 U	0.00086 U	0.0086 U	2	--	0.00086 U	0.0017 U	0.00086 U	--	0.019	0.0017 U	0.19 UJ	0.019	0.0086 U
MIP1-B3	8260B	12/19/05	ORIG	57	0.00087 U	0.0016	0.017	0.0025	0.007	0.16 J	0.00087 U	0.00087 U	0.00087 U	0.017 U	0.0016	0.0043 U	0.013	0.00087 U	0.00087 U	0.0087 U	1.5	--	0.00087 U	0.0017 U	0.00087 U	--	0.023	0.0017 U	0.17 UJ	0.012	0.0087 U
MIP1-B3	8260B	12/19/05	ORIG	69	0.00094 U	0.0046	0.053	0.0015	0.018	0.45 J	0.00094 U	0.00094 U	0.00094 U	0.019 U	0.0013	0.0047 U	0.03	0.00094 U	0.00094 U	0.0094 U	0.00094 U	--	0.00094 U	0.0019 U	0.00094 U	--	0.06	0.0019 U	0.52 J	0.028	0.0094 U
MIP21-B7	8260B	03/09/06	ORIG	29	0.00091 U	0.00091 U	0.0091 U	0.00091 U	0.00091 U	0.07	0.00091 U	0.00091 U	0.00091 U	0.018 U	0.00091 U	0.0045 U	0.0014	0.00091 U	0.00091 U	0.0091 U	0.75	--	0.00091 U	0.0018 U	0.00091 U	--	0.00091 U	0.0018 U	0.022	0.0091 U	0.0091 U
MIP21-B7	8260B	03/09/06	ORIG	35	0.00078 U	0.00078 U	0.021	0.00078 U	0.0012	0.17	0.00078 U	0.00078 U	0.00078 U	0.016 U	0.00078 U	0.0039 U	0.0057	0.00078 U	0.00078 U	0.0078 U	1.9	--	0.00078 U	0.0016 U	0.00078 U	--	0.00078 U	0.0016 U	0.062	0.013	0.0078 U
MIP21-B7	8260B	03/09/06	ORIG	44	0.00098 U	0.0014	0.033	0.00098 U	0.0023	0.29	0.00098 U	0.00098 U	0.00098 U	0.02 U	0.00098 U	0.0049 U	0.017	0.0012	0.00098 U	0.0098 U	2.6	--	0.00098 U	0.002 U	0.00098 U	--	0.00098 U	0.002 U	0.11	0.016	0.0098 U
MIP21-B7	8260B	03/09/06	ORIG	55	0.001 U	0.001 U	0.013	0.001 U	0.0011	0.037	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U	0.016	0.001 U	0.001 U	0.01 U	0.15	--	0.001 U	0.002 U	0.001 U	--	0.001 U	0.002 U	0.019	0.01 U	0.01 U
MIP22-B5	8260B	03/07/06	ORIG	26	0.00092 U	0.00092 U	0.0097	0.00092 U	0.00092 U	0.042	0.00092 U	0.00092 U	0.00092 U	0.018 U	0.00092 U	0.0046 U	0.00092 U	0.00092 U	0.00092 U	0.0092 U	0.84	--	0.00092 U	0.0018 U	0.00092 U	--	0.00092 U	0.0018 U	0.0077	0.0092 U	0.0092 U
MIP22-B5	8260B	03/07/06	ORIG	36	0.00095 U	0.00095 U	0.033	0.00095 U	0.00095 U	0.52	0.00095 U	0.00095 U	0.00095 U	0.019 U	0.00095 U	0.0047 U	0.00095 U	0.00095 U	0.00095 U	0.0095 U	1.6	--	0.00095 U	0.0019 U	0.00095 U	--	0.00095 U	0.0019 U	0.052	0.012	0.0095 U
MIP3-B2	8260B	12/17/05	ORIG	5	0.00084 U	0.047	0.0084 U	0.0034	0.0084	0.0039	0.00088	0.0063	0.0016	0.017 U	0.00084 U	0.0042 U	0.0047	0.00084 U	0.00084 U	0.0084 U	4.3	--	0.00084 U	0.0017 U	0.00084 U	--	0.00084 U	0.0017 U	0.028	0.0084 U	0.0084 U
MIP3-B2	8260B	12/17/05	ORIG	15	0.00086 U	0.064	0.0086 U	0.0041	0.012	0.01	0.00086 U	0.016	0.00086 U	0.017 U	0.00086 U	0.013	0.0071	0.00086 U	0.00086 U	0.0086 U	2.4	--	0.00086 U	0.0017 U	0.00086 U	--	0.00086 U	0.0017 U	0.034	0.0086 U	0.0086 U
MIP3-B2	8260B	12/17/05	ORIG	30	0.00099 U	0.028	0.0099 U	0.011	0.013	0.012	0.00099 U	0.16	0.00099 U	0.02 U	0.0019	0.005 U	0.013	0.00099 U	0.00099 U	0.0099 U	3.6	--	0.00099 U	0.002 U	0.00099 U	--	0.00099 U	0.002 U	0.035	0.0099 U	0.0099 U

Table A-4
Omega Chemical Superfund Site
Summary of Soil Analytical Data
Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,4-Dichloro-benzene	Acetone	Benzene	Bromoform	Chloroform	Cis-1,2-Dichloro-ethene	Di-Isopropyl Ether (DIPE)	Methylene Chloride	Tetrachloro-ethene	Tetrahydro-furan	Toluene	m,p-Xylenes	o-Xylene	Total Xylenes	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloro-propene	Trichloro-ethene	Trichlorofluoro-methane (Freon 11)	Vinyl Acetate
MIP3-B2	8260B	12/17/05	ORIG	33	0.00084 U	0.039	0.0084 U	0.011	0.018	0.00084 U	0.00084 U	0.26	0.00084 U	0.017 U	0.0015	0.025	0.018	0.00084 U	0.00084 U	0.0084 U	1.7	--	0.00084 U	0.0017 U	0.00084 U	--	0.00084 U	0.0017 U	0.043	0.0084 U	0.0084 U
MIP3-B2	8260B	12/17/05	ORIG	42	0.0009 U	0.026	0.009 U	0.019	0.023	0.035	0.00093	0.22	0.0009 U	0.018 U	0.0033	0.0045 U	0.04	0.0009 U	0.0009 U	0.009 U	2.7	--	0.0009 U	0.0018 U	0.0009 U	--	0.0017	0.0018 U	0.074	0.009 U	0.009 U
MIP3-B2	8260B	12/17/05	ORIG	57	0.0026	0.03	0.0098 U	0.025	0.026	0.05	0.00098 U	0.074	0.00098 U	0.021	0.0078	0.0049 U	0.065	0.00098 U	0.00098 U	0.033	6.9 J	--	0.0016	0.002 U	0.00098 U	--	0.0026	0.002 U	0.12	0.0098 U	0.0098 U
MIP3-B2	8260B	12/17/05	DUP	57	0.0021	0.028	0.0086 U	0.023	0.024	0.046	0.00086 U	0.072	0.00086 U	0.023	0.0073	0.0043 U	0.057	0.00086 U	0.00086 U	0.033	3.6 J	--	0.0016	0.0017 U	0.00086 U	--	0.0025	0.0017 U	0.11	0.0086 U	0.0086 U
MIP3-B2	8260B	12/17/05	ORIG	66	0.005	0.054	0.0099 U	0.044	0.021	0.056	0.00099 U	0.072	0.00099 U	0.02 U	0.0039	0.005 U	0.061	0.00099 U	0.00099 U	0.021	18	--	0.00099 U	0.002 U	0.00099 U	--	0.0025	0.002 U	0.15	0.0099 U	0.0099 U
MIP8-B4	8260B	03/07/06	ORIG	29	0.1 U	0.1 U	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	2 U	0.1 U	0.51 U	0.1 U	0.1 U	0.1 U	1 U	2.4	--	0.1 U	0.2 U	0.1 U	--	0.1 U	0.2 U	0.2 U	1 U	1 U
MIP8-B4	8260B	03/07/06	ORIG	33	0.00097 U	0.00097 U	0.0097 U	0.00097 U	0.0043	0.017	0.00097 U	0.00097 U	0.00097 U	0.019 U	0.00097 U	0.0048 U	0.028	0.0061	0.00097 U	0.0097 U	1.2	--	0.00097 U	0.0019 U	0.00097 U	--	0.00097 U	0.0019 U	0.038	0.0097 U	0.0097 U
MIP8-B4	8260B	03/07/06	ORIG	40	0.00087 U	0.00087 U	0.0087 U	0.00087 U	0.0088	0.031	0.00087 U	0.00087 U	0.00087 U	0.017 U	0.0016	0.0043 U	0.072	0.0092	0.00087 U	0.0087 U	1.6	--	0.00087 U	0.0017 U	0.00087 U	--	0.001	0.0017 U	0.069	0.0087 U	0.0087 U
MIP8-B4	8260B	03/07/06	ORIG	56	0.0012	0.0059	0.0089 U	0.00089 U	0.012	0.052	0.00089 U	0.0018	0.00089 U	0.018 U	0.004	0.0044 U	0.36	0.0092 J	0.00089 U	0.012	3.3 J	--	0.0024	0.0018 U	0.00089 U	--	0.0023	0.0018 U	0.098	0.0089 U	0.0089 U
MIP8-B4	8260B	03/07/06	DUP	56	0.0014	0.0063	0.0093 U	0.00093 U	0.015	0.053	0.00093 U	0.0023	0.00093 U	0.019 U	0.0047	0.0047 U	0.45	0.014 J	0.00099	0.014	5.2 J	--	0.0024	0.0019 U	0.00093 U	--	0.0026	0.0019 U	0.12	0.0093 U	0.0093 U
MIP8-B4	8260B	03/07/06	ORIG	8	0.00093 U	0.00093 U	0.0093 U	0.00093 U	0.00093 U	0.0019	0.00093 U	0.00093 U	0.00093 U	0.019 U	0.00093 U	0.0046 U	0.008	0.00096	0.00093 U	0.0093 U	0.62	--	0.00093 U	0.0019 U	0.00093 U	--	0.00093 U	0.0019 U	0.017	0.0093 U	0.0093 U
OW-01B	8260B	06/18/99	ORIG	100	0.005 U	0.002 U	0.005 U	0.002 U	0.002 U	0.005 U	0.002 U	0.003	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.02	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.002 U	0.005 U	--
OW-01B	8260B	06/18/99	ORIG	110	0.005 U	0.002 U	0.005 U	0.002 U	0.002 U	0.005 U	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.012	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.002 U	0.005 U	--
OW-01B	8260B	06/18/99	ORIG	120	0.005 U	0.002 U	0.005 U	0.002 U	0.002 U	0.005 U	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.0023	0.002 U	--	0.02 U	0.0047	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.002 U	0.005 U	--
OW-01B	8260B	06/16/99	ORIG	35	0.05 U	0.02 U	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.02 U	0.1 U	0.02 U	0.05 U	0.043	0.02 U	--	0.2 U	2.1	--	0.02 U	0.02 U	0.02 U	--	0.02 U	0.02 U	0.02 U	0.05 U	--
OW-01B	8260B	06/16/99	ORIG	45	0.05 U	0.02 U	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.053	0.02 U	0.1 U	0.02 U	0.05 U	0.043	0.02 U	--	0.2 U	0.83	--	0.02 U	0.02 U	0.02 U	--	0.02 U	0.02 U	0.02 U	0.05 U	--
OW-01B	8260B	06/16/99	ORIG	55	0.05 U	0.04	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.19	0.02 U	0.1 U	0.02 U	0.05 U	0.062	0.02 U	--	0.2 U	2.1	--	0.02 U	0.02 U	0.02 U	--	0.02 U	0.02 U	0.02 U	0.05 U	--
OW-01B	8260B	06/16/99	ORIG	60	0.005 U	0.0079	0.005 U	0.002 U	0.002 U	0.005 U	0.002 U	0.14	0.002 U	0.01 U	0.002 U	0.005 U	0.02	0.002 U	--	0.02 U	0.33	0.22	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.0054	0.005 U	--
OW-01B	8260B	06/16/99	ORIG	65	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.25 U	0.1 U	0.73	0.1 U	0.5 U	0.1 U	0.25 U	0.1 U	0.1 U	--	1 U	1.7	--	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.25 U	--
OW-01B	8260B	06/16/99	ORIG	70	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.25 U	0.1 U	0.39	0.1 U	0.95	0.1 U	0.25 U	0.1 U	0.1 U	--	1 U	3.3	--	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.25 U	--
OW-01B	8260B	06/16/99	ORIG	75	0.25 U	0.14	0.25 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	0.25 U	0.1 U	0.1 U	--	1 U	2	--	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.25 U	--
OW-01B	8260B	06/16/99	ORIG	80	0.05 U	0.029	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.03	0.02 U	0.1 U	0.02 U	0.05 U	0.02 U	0.02 U	--	0.2 U	0.71	--	0.02 U	0.02 U	0.02 U	--	0.02 U	0.02 U	0.02 U	0.05 U	--
OW-01B	8260B	06/16/99	ORIG	90	0.05 U	0.038	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.073	0.02 U	0.1 U	0.02 U	0.05 U	0.051	0.02 U	--	0.2 U	0.85	--	0.02 U	0.02 U	0.02 U	--	0.02 U	0.02 U	0.049	0.05 U	--
OW-02	8260B	06/17/99	ORIG	45	0.005 U	0.002 U	0.005 U	0.002 U	0.002 U	0.006	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.047	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.0042	0.005 U	--
OW-02	8260B	06/17/99	ORIG	60	0.005 U	0.0032	0.005 U	0.002 U	0.002 U	0.021	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.092	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.0072	0.005 U	--
OW-02	8260B	06/17/99	ORIG	80	0.005 U	0.002 U	0.016	0.002 U	0.002 U	0.005 U	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.0048	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.002 U	0.005 U	--
OW-03	8260B	06/15/99	ORIG	40	0.005 U	0.0025	0.005 U	0.002 U	0.002 U	0.014	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.08	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.0073	0.005 U	--
OW-03	8260B	06/15/99	ORIG	50	0.005 U	0.002 U	0.005 U	0.002 U	0.002 U	0.005 U	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.0029	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.002 U	0.005 U	--
OW-03	8260B	06/15/99	ORIG	75	0.005 U	0.0024	0.066	0.002 U	0.002 U	0.09	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.079	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.011	0.026	--
OW-08	8260B	03/18/02	ORIG	40	0.005 U	0.002 U	0.01 U	0.002 U	0.002 U	0.005 U	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.037	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.0022	0.005 U	--
OW-08	8260B	03/18/02	ORIG	50	0.005 U	0.002 U	0.01 U	0.002 U	0.002 U	0.005 U	0.002 U	0.002 U	0.002 U	0.01 U	0.002 U	0.005 U	0.002 U	0.002 U	--	0.02 U	0.002	--	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.002 U	0.005 U	--
PZ-H-01	8240	01/31/96	ORIG	55	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.51 B	5	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
PZ-H-01	8240	01/31/96	ORIG	69	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	3.2	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
PZ-H-02	8240	01/30/96	ORIG	79	--	0.005 U	0.078	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.0098	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.0056	0.013	0.005 U
PZ-H-04	8240	01/30/96	ORIG	110	--	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	20 U	1 U	1 U	3	1 U	--	15	1 U	--	1 U	--	--	4	1 U	1 U	1 U	1 U	10 U
PZ-H-04	8240	01/30/96	ORIG	57	--	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	30 U	3 U	3 U	3 U	3 U	--	3 U	11	--	3 U	--	--	10 U	3 U	3 U	3 U	3 U	30 U
PZ-H-04	8240	01/30/96	ORIG	67	--	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	50 U	3 U	3 U	3 U	3 U	--	3 U	22	--	3 U	--	--	10 U	3 U	3 U	3 U	3 U	30 U
PZ-H-04	8240	01/30/96	ORIG	75	--	3.1	1 U	0.5 U	0.5 U	1.3	0.5 U	5	0.5 U	10 U	0.5 U	0.5 U	2	0.5 U	--	4.1	9.3	--	14	--	--	2	0.5 U	0.5 U	4.2	0.5 U	5 U
SB-01	8240	12/12/95	ORIG	3	--	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.01	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
SB-01	8240	12/12/95	ORIG	6.5	--	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.017	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
SB-02	8240	12/11/95	ORIG	1.8	--	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.036	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
SB-02	8240	12/11/95	ORIG	6.5	--	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.0091	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
SB-03	8240	12/12/95	ORIG	1.7	--	0.005 U	0.0072	0.005 U	0.005 U	0.0072	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.098	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.026	0.005 U	0.05 U
SB-03	8240	12/12/95	ORIG	6.6	--	0.005 U	0.0085	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.069	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.012	0.005 U	0.05 U
SB-04	8240	12/11/95	ORIG	1.6	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1.3	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-04	8240	12/11/95	ORIG	6.6	--	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.057	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
SB-05	8240	12/11/95	ORIG	1.8	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.68	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-05	8240	12/11/95	ORIG	6.5	--	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.032	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
SB-06	8240	12/12/95	ORIG	2.1	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1.5	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-06	8240	12/12/95	ORIG	6.5	--	0.0078	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.11	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.0076	0.005 U	0.05 U
SB-07	8240	12/11/95	ORIG	1.7	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1.2	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-07	8240	12/11/95	ORIG	6.6	--	0.011	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.11	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
SB-08	8240	12/12/95	ORIG	2.1	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1.2	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-08	8240	12/12/95	ORIG	6.6	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.79	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-09	8240	12/13/95	ORIG	1.8	--	970	420	50 U	50 U	60	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	50 U	--	59	1300	--	50 U	--	--	200 U	50 U	50 U	98	160	500 U
SB-09	8240	12/13/95	ORIG	5.9	--	1200	590	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	50 U	--	100	1100	--	62	--	--	200 U	50 U	50 U	140	220	500 U
SB-10	8240	12/14/95	ORIG	2.2	--	1.2	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	6.6	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-10	8240	12/14/95	ORIG	6.5	--	0.74	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	4.1	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-11	8240	12/14/95	ORIG	1.8	--	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	10 U	10 U	10 U	--	10 U	99	--	10 U	--	--	40 U	10 U	10 U	10 U	10 U	100 U
SB-11	8240	12/14/95	ORIG	6.5	--	30 U	50 U	30 U	30 U	30 U	30 U	30 U	30 U	500 U	30 U	30 U	30 U	30 U	--	30 U	260	--	30 U	--	--	100 U	30 U	30 U	30 U	30 U	300 U
SB-12	8240	12/11/95	ORIG	1.7	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	7.1	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-12	8240	12/11/95	ORIG	6.5	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1.7	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-13	8240	12/12/95	ORIG	1.8	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1.1	--	0.5 U	--	--	2 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SB-13	8240	12/12/95	ORIG	6.7	--	0.0081	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.13	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.0069	0.005 U	0.05 U
SB-14	8240	12/11/95	ORIG	1.8	--	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.039	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
SB-14	8240	12/11/95	ORIG	6.6	--	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.041	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
SB-15	8240	12/11/95	ORIG	1.7	--	0.0082	0.057	0.005 U	0.005 U	0.036	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.033	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.028	0.018	0.05 U
SB-15	8240	12/11/95	ORIG	6.7	--	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	--	0.005 U	0.005 U	--	0.005 U	--	--	0.02 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U
VP21-B6	8260B	03/08/06	ORIG	20	0.001 U	0.001 U	0.01 U	0.001 U	0.001 U	0.027	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.01 U	0.16	--	0.001 U	0.002 U	0.001 U	--	0.001 U	0.002 U	0.0094	0.01 U	0.01 U
VP21-B6	8260B	03/08/06	ORIG	29	0.00086 U	0.00086 U	0.011	0.00086 U	0.00086 U	0.044	0.00086 U	0.00086 U	0.00086 U	0.017 U	0.00086 U	0.0043 U	0.00086 U	0.00086 U	0.00086 U	0.0086 U	0.96	--	0.00086 U	0.0017 U	0.00086 U	--	0.00086 U	0.0017 U	0.016	0.0086 U	0.0086 U
VP21-B6	8260B	03/08/06	ORIG	35	0.00094 U	0.00094 U	0.023	0.00094 U	0.00094 U	0.1	0.00094 U	0.00094 U	0.00094 U	0.019 U	0.00094 U	0.0047 U	0.0014	0.00094 U	0.00094 U	0.0094 U	0.86	--	0.00094 U	0.0019 U	0.00094 U	--	0.00094 U	0.0019 U	0.041	0.0096	0.0094 U
VP21-B6	8260B	03/08/06	DUP	35	0.00093 U	0.00093 U	0.017	0.00093 U	0.00093 U	0.096	0.00093 U	0.00093 U	0.00093 U	0.019 U	0.00093 U	0.0046 U	0.0014	0.00093 U	0.00093 U	0.0093 U	1.1	--	0.00093 U	0.0019 U	0.00093 U	--	0.00093 U	0.0019 U	0.041	0.0093 U	0.0093 U
VP21-B6	8260B	03/08/06	ORIG	43	0.00088 U	0.00088 U	0.049	0.00088 U	0.0015	0.17	0.00088 U	0.00088 U	0.00088 U	0.018 U	0.00088 U	0.0044 U	0.0045	0.00088 U	0.00088 U	0.0088 U	1.9	--	0.00088 U	0.0018 U	0.00088 U	--	0.00091	0.0018 U	0.072	0.018	0.0088 U
VP21-B6	8260B	03/08/06	ORIG	48	0.0012 U	0.0012 U	0.012 U	0.0012 U	0.0012	0.066	0.0012 U	0.0012 U	0.0012 U	0.024 U	0.0012 U	0.006 U	0.0056	0.0012 U	0.0012 U	0.012 U	0.61	--	0.0012 U	0.0024 U	0.0012 U	--	0.0012 U	0.0024 U	0.038	0.012 U	0.012 U

Notes:

All units are reported in milligrams per kilogram (mg/kg)
Only VOCs detected in one or more soil samples are listed
U = Not detected at a concentration greater than the reporting limit shown
J = Estimated concentration
-- = Analyte not reported

Sample Type:
ORIG = Primary sample
DUP = Duplicate sample
EPA = Sample collected by EPA

Table A-5
Omega Chemical Superfund Site
Summary of Soil Analytical Data
Metals

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
SB-01	6010/7000	12/12/95	ORIG	3.0	10 U	3.2	140	0.57	0.5 U	20	10	63	11	0.1 U	3.5	30	0.4 U	1 U	7 U	48	110
SB-02	6010/7000	12/11/95	ORIG	1.8	10 U	3.7	130	0.52	0.5 U	16	8.8	27	15	0.1 U	3.2	24	0.4 U	1 U	7 U	45	73
SB-03	6010/7000	12/12/95	ORIG	1.7	10 U	3.4	150	0.6	0.5 U	22	9	29	14	0.1 U	2.7	27	0.4 U	1 U	7 U	58	65
SB-04	6010/7000	12/11/95	ORIG	1.6	10 U	4	120	0.39	0.5 U	18	8.6	22	20	0.1 U	2.2	18	0.4 U	1 U	7 U	44	76
SB-05	6010/7000	12/11/95	ORIG	1.8	10 U	4.7	150	0.67	0.5 U	28	9.9	27	16	0.1 U	3.7	30	0.4 U	1 U	7 U	71	68
SB-06	6010/7000	12/12/95	ORIG	2.1	10 U	4.5	160	0.57	0.5 U	19	9.3	32	21	0.1 U	3.7	26	0.4 U	1 U	7 U	52	68
SB-07	6010/7000	12/11/95	ORIG	1.7	10 U	4.2	75	0.29	0.5 U	12	4.7	17	33	0.1 U	1.5	12	0.4 U	1 U	7 U	32	42
SB-08	6010/7000	12/12/95	ORIG	2.1	10 U	3.1	150	0.56	0.5 U	15	8.2	43	8.5	0.1 U	3.6	25	0.4 U	1 U	7 U	46	65
SB-09	6010/7000	12/13/95	ORIG	1.8	10 U	1.8	38	0.39	0.5 U	8.2	5.2	38	10	0.1 U	1 U	7.5	0.4 U	1 U	7 U	31	42
SB-09	6010/7000	12/13/95	ORIG	5.9	10 U	0.81	28	0.29	0.5 U	5.6	4 U	38	5 U	0.1 U	1 U	4.9	0.4 U	1 U	7 U	21	34
SB-10	6010/7000	12/14/95	ORIG	2.2	10 U	1.4	140	0.5	0.5 U	11	8.9	56	33	0.1 U	3.4	23	0.4 U	1 U	7 U	40	92
SB-11	6010/7000	12/14/95	ORIG	1.8	10 U	2.1	160	0.46	0.5 U	12	6.3	99	110	0.1 U	2.1	18	0.4 U	1 U	7 U	37	89
SB-11	6010/7000	12/14/95	ORIG	6.5	10 U	2.2	110	0.41	0.5 U	11	7.3	45	8.5	0.1 U	2.5	20	0.4 U	1 U	7 U	32	63
SB-12	6010/7000	12/11/95	ORIG	1.7	13	9	180	0.75	0.5 U	210	16	150	890	0.54	4.1	55	0.4 U	1 U	7 U	56	350
SB-12	6010/7000	12/11/95	ORIG	6.5	10 U	3.1	160	0.57	0.5 U	60	7.3	28	13	0.1 U	3.5	26	0.4 U	1 U	7 U	67	67
SB-13	6010/7000	12/12/95	ORIG	1.8	18	3.5	230	0.57	0.5 U	21	8.6	34	33	0.1 U	4.2	25	0.4 U	1 U	7 U	56	69
SB-14	6010/7000	12/11/95	ORIG	1.8	10 U	6.6	150	0.55	0.5 U	43	9.5	29	54	0.1 U	3.1	31	0.4 U	1 U	7 U	53	89
SB-15	6010/7000	12/11/95	ORIG	1.7	10 U	3.2	170	0.55	0.5 U	24	9	24	41	0.1 U	2.9	26	0.4 U	1 U	7 U	62	81

Notes:

All units are reported in milligrams per kilogram (mg/kg)

U = Not detected at a concentration greater than the reporting limit shown

Sample Type:

ORIG = Primary sample

Table A-6
Omega Chemical Superfund Site
Summary of Soil Analytical Data
Semi-Volatile Organic Compounds (SVOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,4-Dioxane	2-Methyl-naphthalene	Benzo (a) Anthracene	Benzo (a) Pyrene	Benzo (b) Fluoranthene	Benzo (g,h,i) Perylene	Benzyl Alcohol	Bis (2-Ethylhexyl) Phthalate	Chrysene	Di-n-Octyl Phthalate	Fluoranthene	Isophorone	Phen-anthrene	Pyrene
GP1	EPA 8270CM	10/27/03	ORIG	60	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP1	EPA 8270CM	10/27/03	ORIG	75	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP1	EPA 8270CM	10/27/03	ORIG	85	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP2	EPA 8270CM	10/28/03	ORIG	65	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP2	EPA 8270CM	10/28/03	ORIG	77	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP2	EPA 8270CM	10/28/03	ORIG	79	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP2	EPA 8270CM	10/28/03	DUP	65	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP3A	EPA 8270CM	10/28/03	ORIG	10	10	--	--	--	--	--	--	--	--	--	--	--	--	--
GP3A	EPA 8270CM	10/28/03	ORIG	20	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--
GP3A	EPA 8270CM	10/28/03	ORIG	32	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--
GP3A	EPA 8270CM	10/28/03	ORIG	45	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP3A	EPA 8270CM	10/28/03	ORIG	55	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP3A	EPA 8270CM	10/28/03	ORIG	65	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP3A	EPA 8270CM	10/28/03	ORIG	78	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP3A	EPA 8270CM	10/28/03	ORIG	85	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP4	EPA 8270C	01/21/04	EPA	68	0.02 J	--	--	--	--	--	--	--	--	--	--	--	--	--
GP4	EPA 8270CM	01/20/04	ORIG	20	0.17	--	--	--	--	--	--	--	--	--	--	--	--	--
GP4	EPA 8270CM	01/20/04	ORIG	35	0.059	--	--	--	--	--	--	--	--	--	--	--	--	--
GP4	EPA 8270CM	01/20/04	ORIG	48	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP4	EPA 8270CM	01/21/04	ORIG	68	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP5	EPA 8270C	01/20/04	EPA	54	0.019 J	--	--	--	--	--	--	--	--	--	--	--	--	--
GP5	EPA 8270CM	01/20/04	ORIG	18	0.035	--	--	--	--	--	--	--	--	--	--	--	--	--
GP5	EPA 8270CM	01/20/04	ORIG	32	0.14	--	--	--	--	--	--	--	--	--	--	--	--	--
GP5	EPA 8270CM	01/20/04	ORIG	54	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP5	EPA 8270CM	01/20/04	ORIG	73	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--
GP6	EPA 8270CM	01/22/04	ORIG	25	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP6	EPA 8270CM	01/22/04	ORIG	50	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP6	EPA 8270CM	01/22/04	ORIG	70	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP7	EPA 8270C	01/21/04	EPA	45	0.018 J	--	--	--	--	--	--	--	--	--	--	--	--	--
GP7	EPA 8270CM	01/21/04	ORIG	45	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP7	EPA 8270CM	01/21/04	ORIG	60	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP7	EPA 8270CM	01/21/04	ORIG	65	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP8	EPA 8270C	01/21/04	EPA	50	0.02 J	--	--	--	--	--	--	--	--	--	--	--	--	--
GP8	EPA 8270CM	01/21/04	ORIG	50	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP8	EPA 8270CM	01/21/04	ORIG	60	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
GP8	EPA 8270CM	01/21/04	ORIG	66	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP14-B1	EPA 8270CM	12/16/05	ORIG	26	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP14-B1	EPA 8270CM	12/16/05	ORIG	34	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP14-B1	EPA 8270CM	12/16/05	ORIG	53	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP14-B1	EPA 8270CM	12/16/05	ORIG	74	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP1-B3	EPA 8270CM	12/19/05	ORIG	29	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP1-B3	EPA 8270CM	12/19/05	DUP	29	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP1-B3	EPA 8270CM	12/19/05	ORIG	33	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP1-B3	EPA 8270CM	12/19/05	ORIG	37	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP1-B3	EPA 8270CM	12/19/05	ORIG	57	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP1-B3	EPA 8270CM	12/19/05	ORIG	69	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP21-B7	EPA 8270CM	03/09/06	ORIG	29	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP21-B7	EPA 8270CM	03/09/06	ORIG	35	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP21-B7	EPA 8270CM	03/09/06	ORIG	44	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP21-B7	EPA 8270CM	03/09/06	ORIG	55	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP22-B5	EPA 8270CM	03/07/06	ORIG	26	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP22-B5	EPA 8270CM	03/07/06	ORIG	36	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP3-B2	EPA 8270CM	12/17/05	ORIG	5	28	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP3-B2	EPA 8270CM	12/17/05	ORIG	15	41	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP3-B2	EPA 8270CM	12/17/05	ORIG	30	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP3-B2	EPA 8270CM	12/17/05	ORIG	33	0.52	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP3-B2	EPA 8270CM	12/17/05	ORIG	42	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP3-B2	EPA 8270CM	12/17/05	ORIG	57	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP3-B2	EPA 8270CM	12/17/05	DUP	57	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--

Table A-6
Omega Chemical Superfund Site
Summary of Soil Analytical Data
Semi-Volatile Organic Compounds (SVOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,4-Dioxane	2-Methyl-naphthalene	Benzo (a) Anthracene	Benzo (a) Pyrene	Benzo (b) Fluoranthene	Benzo (g,h,i) Perylene	Benzyl Alcohol	Bis (2-Ethylhexyl) Phthalate	Chrysene	Di-n-Octyl Phthalate	Fluoranthene	Isophorone	Phen-anthrene	Pyrene
MIP3-B2	EPA 8270CM	12/17/05	ORIG	66	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP8-B4	EPA 8270CM	03/07/06	ORIG	29	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP8-B4	EPA 8270CM	03/07/06	ORIG	33	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP8-B4	EPA 8270CM	03/07/06	ORIG	40	0.45	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP8-B4	EPA 8270CM	03/07/06	ORIG	56	1.1	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP8-B4	EPA 8270CM	03/07/06	DUP	56	1	--	--	--	--	--	--	--	--	--	--	--	--	--
MIP8-B4	EPA 8270CM	03/07/06	ORIG	8	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-01	8270	12/12/95	ORIG	3	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-02	8270	12/11/95	ORIG	1.8	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-03	8270	12/12/95	ORIG	1.7	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-04	8270	12/11/95	ORIG	1.6	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-05	8270	12/11/95	ORIG	1.8	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-06	8270	12/12/95	ORIG	2.1	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-07	8270	12/11/95	ORIG	1.7	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-08	8270	12/12/95	ORIG	2.1	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.54	0.2 U	0.2 U
SB-09	8270	12/13/95	ORIG	1.8	--	1 U	1 U	1 U	1 U	1 U	5.2	3.6	1 U	1 U	1 U	9.9	1 U	1 U
SB-09	8270	12/13/95	ORIG	5.9	--	1 U	1 U	1 U	1 U	1 U	22	3.5	1 U	1 U	1 U	6.5	1 U	1 U
SB-10	8270	12/14/95	ORIG	2.2	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-11	8270	12/14/95	ORIG	1.8	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	3.4	0.2 U	0.24	0.2 U	0.2 U	0.2 U	0.2 U
SB-11	8270	12/14/95	ORIG	6.5	--	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	4.3	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SB-12	8270	12/11/95	ORIG	1.7	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	3.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-12	8270	12/11/95	ORIG	6.5	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-13	8270	12/12/95	ORIG	1.8	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-14	8270	12/11/95	ORIG	1.8	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SB-15	8270	12/11/95	ORIG	1.7	--	0.54	2.4	1.6	0.91	0.49	0.8 U	0.8 U	6	0.4 U	0.66	0.4 U	5	3.1
VP21-B6	EPA 8270CM	03/08/06	ORIG	20	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
VP21-B6	EPA 8270CM	03/08/06	ORIG	29	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
VP21-B6	EPA 8270CM	03/08/06	ORIG	35	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
VP21-B6	EPA 8270CM	03/08/06	DUP	35	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
VP21-B6	EPA 8270CM	03/08/06	ORIG	43	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--
VP21-B6	EPA 8270CM	03/08/06	ORIG	48	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

All units are reported in milligrams per kilogram (mg/kg)
Only SVOCs detected in one or more soil samples are listed
U = Not detected at a concentration greater than the reporting limit shown
J = Estimated concentration
-- = Analyte not reported

Sample Type:
ORIG = Primary sample
DUP = Duplicate sample
EPA = Sample collected by EPA

Table A-7
Omega Chemical Superfund Site
Summary of Soil Analytical Data
Pesticides and Polychlorinated Biphenyls (PCBs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Alpha-BHC	Beta-BHC	Chlordane	Delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin Aldehyde	Gamma-BHC	Heptachlor	Heptachlor Epoxide	Methoxychlor	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Toxaphene
SB-01	8080	12-Dec-95	ORIG	3.0	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-02	8080	11-Dec-95	ORIG	1.8	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-03	8080	12-Dec-95	ORIG	1.7	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-04	8080	11-Dec-95	ORIG	1.6	0.0007 U	0.0012	0.0022	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-05	8080	11-Dec-95	ORIG	1.8	0.0007 U	0.0007 U	0.0017	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-06	8080	12-Dec-95	ORIG	2.1	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-07	8080	11-Dec-95	ORIG	1.7	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-08	8080	12-Dec-95	ORIG	2.1	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-09	8080	13-Dec-95	ORIG	1.8	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-09	8080	13-Dec-95	ORIG	5.9	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-10	8080	14-Dec-95	ORIG	2.2	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-11	8080	14-Dec-95	ORIG	1.8	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-11	8080	14-Dec-95	ORIG	6.5	0.002 U	0.002 U	0.002 U	0.002 U	0.0008 U	0.002 U	0.04 U	0.002 U	0.002 U	0.002 U	0.002 U	0.008 U	0.002 U	0.002 U	0.0008 U	0.0008 U	0.002 U	0.002 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.08 U
SB-12	8080	11-Dec-95	ORIG	1.7	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.21 E	0.04 U
SB-12	8080	11-Dec-95	ORIG	6.5	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.052	0.04 U
SB-13	8080	12-Dec-95	ORIG	1.8	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-14	8080	11-Dec-95	ORIG	1.8	0.0007 U	0.0007 U	0.0048	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U
SB-15	8080	11-Dec-95	ORIG	1.7	0.0015 E	0.0054 E	0.013 E	0.0007 U	0.0004 U	0.0007 U	0.02 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.004 U	0.0007 U	0.0007 U	0.0004 U	0.0004 U	0.0007 U	0.001 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U

Notes:
All units are reported in milligrams per kilogram (mg/kg)
U = Not detected at a concentration greater than the reporting limit shown
J or E = Estimated concentration
Sample Type:
ORIG = Primary sample

Table A-8
Omega Chemical Superfund Site
Summary of Soil Gas Analytical Data
Chlorinated Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,1,1-Trichloro-ethane	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-1,1,2-Trifluoro-ethane	1,2-Dichloro-ethane	Bromo-dichloro-methane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Cis-1,2-Dichloro-ethene	Dibromochloro-methane	Dichlorodifluoro-methane	Methylene Chloride	Tetrachloro-ethene	Trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichlorofluoro-methane (Freon 11)	Vinyl Chloride
OW-01B	TO-14	16-Jun-99	ORIG	10	10.362	459.689	9.272 U	6.88 U	75.269	--	6.88 U	11.386 U	17.567 U	10.692 U	14.644	7.224 U	6.88 U	14.476 U	8.402 U	5.9 U	1016.762	6.741 U	48.885	54.488	4.343 U
OW-01B	TO-14	16-Jun-99	ORIG	20	19.633 U	390.735	19.636 U	14.57 U	71.308	--	14.57 U	24.112 U	37.202 U	22.642 U	26.847	14.862 U	14.57 U	30.655 U	17.793 U	12.495 U	1626.819	14.276 U	49.422	39.321	9.198 U
OW-01B	TO-14	16-Jun-99	ORIG	30	27.269	214.521	19.636 U	14.57 U	91.116	--	14.57 U	24.112 U	37.202 U	22.642 U	53.695	14.862 U	14.57 U	30.655 U	17.793 U	12.495 U	2440.228	14.276 U	53.72	25.278	9.198 U
OW-01B	TO-14	16-Jun-99	ORIG	40	316.32	995.993	98.183 U	72.853 U	515.004	--	72.853 U	120.561 U	186.012 U	113.21 U	288.004	74.31 U	72.853 U	153.279 U	88.969 U	62.477 U	18979.558	71.381 U	214.881	106.729	45.993 U
OW-01B	TO-14	16-Jun-99	ORIG	50	239.967	260.49	98.183 U	72.853 U	253.54	--	72.853 U	120.561 U	186.012 U	113.21 U	214.783	74.31 U	72.853 U	153.279 U	88.969 U	62.477 U	16946.034	71.381 U	128.928	101.112 U	45.993 U
OW-01B	TO-14	16-Jun-99	ORIG	60	1036.222	995.993	392.732 U	291.414 U	673.466	--	291.414 U	482.246 U	744.049 U	452.84 U	351.463 U	288.986 U	291.414 U	613.118 U	355.878 U	249.91 U	41348.323	285.527 U	386.786 U	404.448 U	183.973 U
SG-01	TO-15	12-Apr-04	ORIG	6	8.2 U	3400	8.2 U	6.1 U	1000	--	6.1 U	10 U	16 U	9.4 U	7.3 U	13 U	6.1 U	13 U	7.4 U	5.2 U	2100	6.7	300	900	3.8 U
SG-01	TO-15	12-Apr-04	ORIG	12	0.16 U	29 J	0.16 U	0.12 U	11 J	--	0.12 U	0.19 U	0.3 U	0.18 U	0.14 U	0.25 U	0.12 U	0.25 U	0.14 U	0.1 U	52 J	0.12 U	6.4 J	7.3 J	0.074 U
SG-01	TO-15	12-Apr-04	DUP	12	0.05 U	15 J	0.05 U	0.037 U	4.8 J	--	0.037 U	0.062 U	0.095 U	0.058 U	0.045 U	0.076 U	0.037 U	0.078 U	0.046 U	0.032 U	9.5 J	0.037 U	1.5 J	3.8 J	0.024 U
SG-02	TO-15	12-Apr-04	ORIG	6	11	2700	8.2 U	6.1 U	950	--	6.1 U	10 U	16 U	9.4 U	7.3 U	13 U	6.1 U	13 U	7.4 U	5.2 U	1500	9.9	300	840	3.8 U
SG-02	TO-15	12-Apr-04	ORIG	12	0.71	180	0.55 U	0.41 U	67	--	0.41 U	0.67 U	1 U	0.63 U	0.49 U	0.85 U	0.41 U	0.85 U	0.49 U	0.35 U	88	0.64	19	56	0.26 U
SG-03	TO-15	12-Apr-04	EPA	6	1.254	3064.595	0.513 U	1.052	831.929	--	0.38 U	--	--	0.591 U	1.757	0.194 U	0.38 U	--	1.236	0.326 U	379.591	--	139.672	954.946	0.24 U
SG-03	TO-15	12-Apr-04	ORIG	6	8.7 U	3400	8.7 U	6.5 U	1100	94	6.5 U	11 U	17 U	10 U	7.8 U	13 U	6.5 U	14 U	7.9 U	5.6 U	1200	6.3 U	470	1000	4.1 U
SG-03	TO-15	12-Apr-04	ORIG	12	7.6 U	2900	7.6 U	5.7 U	910	81	5.7 U	9.4 U	14 U	8.8 U	6.8 U	12 U	5.7 U	12 U	6.9 U	4.9 U	1200	5.6 U	420	900	3.6 U
SG-04	TO-15	12-Apr-04	ORIG	6	0.82 U	150	0.82 U	0.61 U	140	37	0.61 U	1 U	1.6 U	0.94 U	0.73 U	1.2 U	0.61 U	1.3 U	0.74 U	0.52 U	280	0.64	160	84	0.38 U
SG-04	TO-15	12-Apr-04	ORIG	12	0.87 U	110	0.87 U	0.65 U	110	31	0.65 U	1.1 U	1.7 U	1 U	0.78 U	1.3 U	0.65 U	1.4 U	0.79 U	0.56 U	230	0.64 U	130	67	0.41 U
SG-05	TO-15	12-Apr-04	ORIG	6	7.6 U	1800	7.6 U	5.7 U	950	81	5.7 U	9.4 U	14 U	8.8 U	6.8 U	12 U	5.7 U	12 U	6.9 U	4.9 U	1600	7.1	430	730	3.6 U
SG-05	TO-15	12-Apr-04	ORIG	12	0.98 U	240	0.98 U	0.73 U	120	9.4	0.73 U	1.2 U	1.9 U	1.1 U	0.88 U	1.5 U	0.73 U	1.5 U	0.89 U	0.63 U	240	0.95	54	95	0.46 U
SG-06	TO-15	12-Apr-04	EPA	12	6.544	2451.676	1.855 U	3.399	1030.008	--	1.376 U	--	--	2.138 U	4.881	0.702 U	1.376 U	--	1.681 U	1.18 U	1491.251	--	204.137	842.6	0.869 U
SG-06	TO-15	12-Apr-04	ORIG	6	8.2	1200 J	3.8 U	3	550 J	--	2.8 U	4.7 U	7.2 U	4.4 U	5.4	5.8 U	2.8 U	6 U	3.5 U	2.4 U	1400	10	180 J	410 J	1.8 U
SG-06	TO-15	12-Apr-04	ORIG	12	12	2000	8.7 U	6.5 U	910	--	6.5 U	11 U	17 U	10 U	8.3	13 U	6.5 U	14 U	7.9 U	5.6 U	2300	17	290	620	4.1 U
SG-06	TO-15	12-Apr-04	DUP	6	9.8	1500 J	4.4 U	3.5	710 J	--	3.2 U	5.4 U	8.3 U	5 U	6.3	6.6 U	3.2 U	6.8 U	4 U	2.8 U	1600	12	230 J	510 J	2 U
SG-07	TO-15	11-Nov-04	EPA	24	0.507 U	260.49	0.507 U	0.405 J	221.847	--	0.376 U	--	--	0.585 U	0.454 U	0.192 U	0.376 U	--	0.46 U	0.323 U	58.294	--	91.324	117.964 J	0.238 U
SG-07	TO-15	13-Apr-04	ORIG	6	2 U	340	2 U	1.5 U	260	--	1.5 U	2.4 U	3.7 U	2.3 U	1.8 U	3.1 U	1.5 U	3.1 U	1.8 U	1.3 U	310	1.4 U	140	160	0.92 U
SG-07	TO-15	13-Apr-04	ORIG	12	2.1 U	310	2.1 U	1.5 U	280	--	1.5 U	2.5 U	3.9 U	2.4 U	1.9 U	3.1 U	1.5 U	3.2 U	1.9 U	1.3 U	330	1.5 U	170	160	0.97 U
SG-07	TO-15	11-Nov-04	ORIG	18	0.73 U	130	0.73 U	0.54 U	180	--	0.54 U	0.9 U	1.4 U	0.84 U	0.65 U	1.1 U	0.53 U	1.1 U	0.66 U	0.46 U	150	0.53 U	150	73	0.34 U
SG-07	TO-15	11-Nov-04	ORIG	24	0.74 U	140	0.74 U	0.55 U	180	--	0.55 U	0.91 U	1.4 U	0.86 U	0.66 U	1.1 U	0.54 U	1.2 U	0.67 U	0.47 U	23	0.54 U	81	83	0.35 U
SG-08	TO-15	11-Nov-04	EPA	18	11.452 U	1685.527	11.454 U	8.499 U	1188.47 J	--	8.499 U	--	--	13.207 U	10.251 U	4.334 U	8.499 U	--	10.379 U	7.289 U	881.193	--	193.393	730.253	5.365 U
SG-08	TO-15	13-Apr-04	ORIG	6	8.2 U	1800	8.2 U	6.1 U	830	--	6.1 U	10 U	16 U	9.4 U	7.3 U	12 U	6.1 U	13 U	7.4 U	5.2 U	810	5.9 U	150	670	3.8 U
SG-08	TO-15	13-Apr-04	ORIG	12	0.038 U	4.8	0.038 U	0.028 U	2.3	--	0.028 U	0.047 U	0.072 U	0.044 U	0.034 U	0.058 U	0.028 U	0.06 U	0.035 U	0.024 U	11	0.028 U	1	1.7	0.018 U
SG-08	TO-15	11-Nov-04	ORIG	18	3.7 U	1000	3.7 U	2.8 U	750	--	2.8 U	4.6 U	7 U	4.3 U	3.3 U	5.6 U	2.7 U	5.8 U	3.4 U	2.4 U	280	2.7 U	98	500	1.7 U
SG-08	TO-15	11-Nov-04	ORIG	24	2.8 U	580	2.8 U	2 U	390	--	2 U	3.4 U	5.2 U	3.2 U	2.5 U	4.2 U	2 U	4.3 U	2.5 U	1.8 U	26	2 U	22	280	1.3 U
SG-09	TO-15	13-Apr-04	EPA	12	0.48 U	122.583	0.48 U	0.356 U	47.538	--	0.356 U	--	--	0.553 U	0.43 U	0.181 U	0.769	--	0.435 U	0.305 U	67.784	--	6.446	43.815	0.225 U
SG-09	TO-15	11-Nov-04	EPA	18	2.726 U	1608.912	2.727 U	2.792 J	673.466	--	2.024 U	--	--	3.144 U	2.441 U	1.032 U	7.69	--	2.471 U	1.735 U	332.142	--	26.86	522.412	1.278 U
SG-09	TO-15	13-Apr-04	ORIG	6	4 U	1100	4 U	3 U	400	--	3 U	4.9 U	7.5 U	4.6 U	3.6 U	6 U	7.7	6.2 U	3.6 U	2.5 U	680	2.9 U	59	390	1.9 U
SG-09	TO-15	13-Apr-04	ORIG	12	0.93 U	300	0.93 U	0.69	100	--	0.69 U	1.1 U	1.8 U	1.1 U	0.83 U	1.4 U	2.1	1.4 U	0.84 U	0.59 U	180	0.67 U	14	100	0.43 U
SG-09	TO-15	13-Apr-04	DUP	6	4.5 U	1100	4.5 U	3.3 U	400	--	3.3 U	5.5 U	8.5 U	5.2 U	4 U	6.8 U	8.1	7 U	4.1 U	2.8 U	680	3.3 U	54	390	2.1 U
SG-09	TO-15	11-Nov-04	ORIG	18	2.5 U	760	2.5 U	2.8	320	--	1.8 U	3 U	4.7 U	2.8 U	2.2 U	3.7 U	7.8	3.9 U	2.2 U	1.6 U	230	1.8 U	43	290	1.2 U
SG-09	TO-15	11-Nov-04	ORIG	24	0.043 U	13	0.043 U	0.033	3.2	--	0.032 U	0.052 U	0.081 U	0.049 U	0.038 U	0.065 U	0.053	0.067 U	0.039 U	0.027 U	0.49	0.031 U	0.2	4.5	0.02 U
SG-10	TO-15	11-Nov-04	EPA	18	21.269 J	3371.054	14.182 U	14.975 J	2337.326	--	10.523 U	--	--	16.352 U	12.691 U	5.366 U	19.832 J	--	12.851 U	9.024 U	1287.898	--	225.625	1516.68	6.643 U
SG-10	TO-15	11-Nov-04	EPAD	18	10.362	291.136	1.418 U	6.071	71.308	--	1.052 U	--	--	1.635 U	4.734	0.537 U	11.332	--	1.285 U	0.902 U	305.028	--	19.339	78.642 J	0.664 U
SG-10	TO-15	13-Apr-04	ORIG	6	14	840	3.8 U	7.7	190	--	2.8 U	4.7 U	7.2 U	4.4 U	7.3	5.8 U	36	6 U	3.5 U	2.4 U	1300	2.8 U	64	230	1.8 U
SG-10	TO-15	13-Apr-04	ORIG	12	2.7	180	1 U	1.6	40	--	0.77 U	1.3 U	2 U	1.2 U	1.6	1.5 U	7.3	1.6 U	0.94 U	0.66 U	240	0.75 U	13	49	0.49 U
SG-10	TO-15	11-Nov-04	ORIG	18	12	280	0.95 U	6	65	--	0.95	1.2 U	1.8 U	1.1 U	5.2	1.4 U	9.9	1.5 U	0.86 U	0.6 U	300	0.72	26	76	0.44 U
SG-10	TO-15	11-Nov-04	ORIG	24	10	310	0.96 U	8.8	77	--	3.1	1.2 U	1.8 U	1.1 U	7.6	1.4 U	10	1.5 U	0.87 U	0.61 U	210	0.82	22	88	0.45 U
SG-11	TO-15	11-Nov-04	EPA	18	22.36 U	2911.365	22.363 U	16.594 U	1901.553	--	16.594 U	--	--	25.786 U	20.013 U	8.463 U	16.594 U	--	20.265 U	14.23 U	623.614	--	155.789	1235.813	10.476 U
SG-11	TO-15	13-Apr-04	ORIG	6	8.2 U	2400	8.2 U	6.1 U	750	--	6.1 U	10 U	16 U	9.4 U	7.3 U	13 U	6.1 U	13 U	7.4 U	5.2 U	880	5.9 U	120	790	3.8 U
SG-11	TO-15	13-Apr-04	ORIG	12	9.3 U	2200	9.3 U	6.9 U	710	--	6.9 U	11 U	18 U	11 U	8.3 U	14 U	6.9 U	14 U	8.4 U	5.9 U	810	6.7 U	110	790	4.3 U
SG-11	TO-15	11-Nov-04	ORIG	18	3.7 U	1300	3.7 U	2.8 U	880	--	2.8 U	4.6 U	7 U	4.3 U	3.3 U	5.6 U	2.7 U	5.8 U	3.4 U	2.4 U	180	2.7 U	89	630	1.7 U
SG-11	TO-15	11-Nov-04	ORIG	24	7.4 U	1700	7.4 U	5.5 U	1600	--	5.5 U	9.1 U	14 U	8.6 U	6.6 U	11 U	5.4 U	12 U	6.7 U	4.7 U	550	7	200	920	3.5 U
SG-12	TO-15	12-Apr-04	ORIG	6	14	440	4.3 U	3.8	130	--	3.2 U	5.3 U	8.2 U	5 U	6.8	6.6 U	3.2 U	6.7 U	3.9 U	2.7 U	1500	3.6	64	120	2 U
SG-12	TO-15	12-Apr-04	ORIG	12	0.19 U	4.8	0.19 U	0.14 U	1.5	--	0.14 U	0.23 U	0.35 U	0.21 U	0.17 U	0.27 U	0.14 U	0.29 U	0.17 U	0.12 U	75	0.14 U	3.5	1.1	0.087 U
SG-13	TO-15	11-Nov-04	EPA	12	5.999 U	635.903	6 U	4.452 U	316.925	--	4.452 U	--	--	6.918 U	5.369 U	2.271 U	4.452 U	--	5.437 U	3.818 U	31.858	--	5.909 U	134.816	2.81 U
SG-13	TO-15	11-Nov-04	ORIG	12	2.4 U	800	2.4 U	1.8 U	450	--	1.8 U	3 U	4.6 U	2.8 U	2.2 U	3.7 U	1.8 U	3.8 U	2.7	1.6 U	70	1.8 U	6	190	1.1 U
SG-13	TO-15	11-Nov-04	ORIG	6	0.73 U	220	0.73 U	0.54 U	120	--	0.54 U	0.9 U	1.4 U	0.84 U	0.65 U	1.1 U	0.53 U	1.1 U	0.95	0.46 U	24	0.53 U	1.7	56	0.34 U
SG-14	TO-15	11-Nov-04	EPA	6	10.362 U	2528.291	10.363 U	7.69 U	831.929 J	--	7.69 U	--	--	11.949 U	9.274 U	3.921 U	7.69 U	--	9.391 J	6.594 U	88.119	--	41.901	528.029 J	4.854 U
SG-14	TO-15	11-Nov-04	ORIG	12	8.9 U	2600	8.9 U	6.6 U	600	--	6.6 U	11 U	17 U	10 U	8 U	14 U	6.5 U	14 U	8.1 U	5.7 U	39	6.5 U	79	540	4.2 U
SG-14	TO-15	11-Nov-04	ORIG	6	3.6 U	1500	3.6 U	2.7 U	320	--	2.7 U	4.5 U	6.9 U	4.2 U	3.3 U	5.5 U	2.6 U	5.7 U	3.9	2.3 U	25	2.6 U	40	300	1.7 U
SG-15	TO-15	11-Nov-04	EPA	12	0.0044 U	12.258	0.0044 U	0.0032 U	5.546	--	0.0032 U	--	--	0.005 U	0.0039 U	0.0017 U	0.0032 U	--	0.004 U	0.0028 U	0.217	--	6.983	3.426	0.002 U
SG-15	TO-15	12-Nov-04	ORIG	12	0.037 U	12	0.037 U	0.028 U	5.5	--	0.028 U	0.046 U	0.07 U	0.043 U	0.033 U	0.056 U	0.027 U	0.058 U	0.034 U	0.04	2.7	0.027 U	8.4	3.5	0.017 U
SG-15	TO-15	11-Nov-04	ORIG	6	0.018 U	6.5	0.018 U	0.014 U	2.4	--	0.014 U	0.023 U	0.035 U	0.021 U	0.017 U	0.028 U	0.013 U	0.029 U	0.018	0.012 U	1.2	0.013 U	3.5	1.9	0.0087 U
SH-1F	TO-15	23-Sep-05	ORIG	--	0.158	322	0.00545 U	0.729	103	--	0.00405 U	0.0067 U	0.0103 U	0.00629 U	0.0537	0.00206 U	3.2	0.00852 U	0.593	0.00347 U	12.9	0.00397 U	8.6	84.3	0.00256 U
SH-1I	TO-15	23-Sep-05	ORIG	--	0.18	651	0.00545 U	0.00405 U	194	--	0.00405 U	0.0067 U	0.0103 U	0.00629 U	0.0586	0.00206 U	0.032	0.00852 U	0.939	0.00347 U	18.3	0.0103	13.4	180	0.00256 U
SH-2F	TO-15	23-Sep-05	ORIG	--	0.00545 U	34.5	0.00545 U	0.00405 U	9.1	--	0.00405 U	0.0067 U	0.0103 U	0.00629 U	0.00488 U	0.00206 U	0.0101	0.00852 U	0.089	0.00347 U	0.414	0.00397 U	1.56	7.86	0.00256 U
SH-2I	TO-15	23-Sep-05	ORIG	--	0.00545 U	115	0.00545 U	0.00405 U	38	--	0.00405 U	0.0067 U	0.0103 U	0.00629 U	0.00488 U	0.00206 U	0.0486	0.00852 U	0.321	0.00347 U	10.8	0.00397 U	24.2	25.8	0.00256 U
SH-3F	TO-15	23-Sep-05	ORIG	--	0.035	8.43	0.00545 U	0.00405 U	6.34	--	0.00405 U	0.0067 U	0.0103 U	0.00629 U	0.00488 U	0.00206 U	0.021	0.00852 U	0.00494 U	0.00347 U	8.13	0.00397 U	1.56	3.65	0.00256 U
SH-3I	TO-15	23-Sep-05	ORIG	--	0.00545 U	16.9	0.00545 U	0.00405 U	7.92	--	0.00405 U	0.0067 U	0.0103 U	0.00629 U	0.00488 U	0.00206 U	0.0146	0.00852 U	0.0183	0.00347 U	4.61	0.00397 U	1.02	5.62	0.00256 U
SH-4F	TO-15	23-Sep-05	ORIG	--	0.0927	123	0.00545 U	0.0526	147	--	0.00405 U	0.0067 U	0.0103 U	0.00629 U	0.00488 U	0.00206 U	0.00405 U	0.00852 U	0.0494	0.00347 U	129	0.00397 U	124	61.8	0.00256 U

Table A-8
Omega Chemical Superfund Site
Summary of Soil Gas Analytical Data
Chlorinated Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,1,1-Trichloro-ethane	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-1,1,2-Trifluoro-ethane	1,2-Dichloro-ethane	Bromo-dichloro-methane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Cis-1,2-Dichloro-ethene	Dibromochloro-methane	Dichlorodifluoro-methane	Methylene Chloride	Tetrachloro-ethene	Trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichlorofluoro-methane (Freon 11)	Vinyl Chloride
SH-4F	TO-15	23-Sep-05	DUP	--	0.0873	107	0.00545 U	0.0486	135	--	0.00405 U	0.0067 U	0.0103 U	0.00629 U	0.00488 U	0.00206 U	0.0134	0.00852 U	0.0544	0.00347 U	122	0.00397 U	118	61.8	0.00256 U
SH-4I	TO-15	23-Sep-05	ORIG	--	0.0654	34.5	0.00545 U	0.0486	37.6	--	0.00405 U	0.0067 U	0.0103 U	0.00629 U	0.00488 U	0.00206 U	0.00405 U	0.00852 U	0.0494	0.00347 U	27.1	0.00397 U	27.4	17.4	0.00256 U
UC-01	TO-15	12-Nov-04	ORIG	2	0.0077 U	3.3	0.0077 U	0.0057 U	0.96	--	0.0057 U	0.0094 U	0.014 U	0.0089 U	0.026	0.012 U	0.0056 U	0.012 U	0.007 U	0.0049 U	1.2	0.0056 U	0.22	1.6	0.0036 U
UC-02	TO-15	12-Nov-04	ORIG	6	0.14	3.5	0.037 U	0.028 U	3.9	--	0.028 U	0.046 U	0.07 U	0.043 U	0.072	0.056 U	0.027 U	0.058 U	0.034 U	0.024 U	10	0.027 U	0.34	0.95	0.017 U
UC-03	TO-15	12-Nov-04	ORIG	11	1.6	110	0.25 U	0.18 U	17	--	0.18 U	0.3 U	0.47 U	0.28 U	0.37	0.37 U	0.18 U	0.39 U	0.22 U	0.16 U	81	0.18 U	2.1	12	0.12 U
UC-04B	TO-15	12-Nov-04	ORIG	3	0.012 U	5	0.012 U	0.0092 U	2.7	--	0.0092 U	0.015 U	0.023 U	0.014 U	0.012	0.019 U	0.009 U	0.019 U	0.014	0.0079 U	3	0.009 U	0.19	2	0.0058 U
UC-05	TO-15	12-Nov-04	ORIG	9	4.1	290	0.8 U	0.59 U	54	--	0.59 U	0.98 U	1.5 U	0.92 U	1.2	1.2 U	0.58 U	1.2 U	0.72 U	0.51 U	250	0.58 U	3.7	24	0.37 U
UC-06	TO-15	12-Nov-04	ORIG	10	250	160	3.8 U	5.8	55	--	2.8 U	4.7 U	7.3 U	4.4 U	8.3	5.8 U	2.8 U	6 U	3.5 U	2.4 U	1600	2.8 U	66	14	1.8 U
UC-07	TO-15	12-Nov-04	ORIG	11	130	72	5.3 U	7.2	38	--	3.9 U	6.5 U	10 U	6.1 U	8.4	8 U	3.9 U	8.3 U	4.8 U	3.4 U	1800	3.9 U	50	9.5	2.5 U
UC-08	TO-15	12-Nov-04	ORIG	2	1.9 U	340	1.9 U	1.4 U	240	--	1.4 U	2.4 U	3.6 U	2.2 U	1.7 U	2.9 U	1.4 U	3 U	1.7 U	1.2 U	440	1.4 U	16	74	0.9 U
UC-09	TO-15	12-Nov-04	ORIG	6	4 U	510	4 U	3 U	540	--	3 U	4.9 U	7.5 U	4.6 U	3.6 U	6 U	2.9 U	6.2 U	3.6 U	2.5 U	1600	2.9 U	86	120	1.9 U
UC-10	TO-15	12-Nov-04	ORIG	5	0.0078 U	1.8	0.0078 U	0.0058 U	0.082	--	0.0058 U	0.0096 U	0.015 U	0.0091 U	0.007 U	0.012 U	0.0057 U	0.012 U	0.0071 U	0.005 U	0.96	0.0057 U	0.33	0.55	0.0037 U
UC-11	TO-15	12-Nov-04	ORIG	11	0.93 U	260	0.93 U	0.69 U	47	--	0.69 U	1.1 U	1.8 U	1.1 U	0.83 U	1.4 U	0.67 U	1.4 U	0.84 U	0.59 U	11	0.67 U	12	75	0.43 U
UC-12	TO-15	12-Nov-04	ORIG	3	0.059 U	5.3	0.059 U	0.044 U	8.2	--	0.044 U	0.073 U	0.11 U	0.068 U	0.053 U	0.09 U	0.043 U	0.093 U	0.054 U	0.038 U	11	0.043 U	7.5	3.5	0.028 U
VP-01	TO-15	19-Aug-05	ORIG	6	2	840	1.5 U	2.3	1000	--	1.1 U	1.8 U	2.8 U	1.7 U	4.1	0.56 U	1.1 U	2.3 U	1.3 U	3.8 U	1200	8.3	450	350	0.69 U
VP-01	TO-15	19-Aug-05	ORIG	12	1.1	920	0.87 U	1.9	950	--	0.65 U	1.1 U	1.7 U	1 U	2.7	0.33 U	0.65 U	1.4 U	0.79 U	2.3 U	160	4.4	160	400	0.41 U
VP-01	TO-15	19-Aug-05	ORIG	18	1.6	1000	1 U	2.4	1100	--	0.77 U	1.3 U	2 U	1.2 U	3.1	0.39 U	0.77 U	1.6 U	0.94 U	2.7 U	180	5.6	190	410	0.49 U
VP-01	TO-15	19-Aug-05	ORIG	24	2.3	1100	1.3 U	3.6	1300	--	0.93 U	1.5 U	2.4 U	1.4 U	4.2	0.48 U	0.93 U	2 U	1.1 U	3.2 U	330	8.3	280	460	0.59 U
VP-01	TO-15	19-Aug-05	ORIG	40	1.1	770	0.93 U	1.4	950	--	0.69 U	1.1 U	1.8 U	1.1 U	1.6	0.35 U	0.69 U	1.4 U	0.84 U	2.4 U	48	6.7	70	360	0.43 U
VP-01	TO-15	19-Aug-05	ORIG	50	0.93	710	0.87 U	1.2	710	--	0.65 U	1.1 U	1.7 U	1 U	1.3	0.33 U	0.65 U	1.4 U	0.79 U	2.3 U	55	4.8	60	300	0.41 U
VP-01	TO-15	19-Aug-05	ORIG	60	2	1300	1.1 U	2.8	1400	--	0.81 U	1.3 U	2.1 U	1.3 U	2.2	0.41 U	0.81 U	1.7 U	0.99 U	2.8 U	160	7.9	140	530	0.51 U
VP-01	TO-15	19-Aug-05	DUP	70	1.6	920	0.98 U	2.6	1000	--	0.73 U	1.2 U	1.9 U	1.1 U	2.1	0.37 U	0.73 U	1.5 U	0.89 U	2.5 U	120 J	7.5	150	370	0.46 U
VP-01	TO-15	19-Aug-05	ORIG	70	1.7	1000	1.4 U	2.6	1100	--	1 U	1.7 U	2.6 U	1.6 U	2.1	0.52 U	1 U	2.1 U	1.2 U	3.5 U	200 J	7.9	160	390	0.64 U
VP-02	TO-15	22-Aug-05	ORIG	6	7.6	1200	1.4	5.3	910	--	0.97 U	1.6 U	2.5 U	1.5 U	7.8	0.5 U	0.97 U	2 U	1.2 U	3.3 U	1200	18	220	470	0.61 U
VP-02	TO-15	22-Aug-05	ORIG	12	7.1	1800	0.98	4.5	1100	--	0.65 U	1.1 U	1.7 U	1 U	5.4	0.33 U	0.65 U	1.4 U	0.79 U	2.2 U	340	19	120	540	0.41 U
VP-02	TO-15	22-Aug-05	ORIG	18	8.7	2700	1.3	6.1	1600	--	0.61 U	1 U	1.6 U	0.94 U	8.8	0.31 U	0.61 U	1.3 U	0.74 U	2.1 U	450	25	160	620	0.38 U
VP-02	TO-15	22-Aug-05	ORIG	24	4.3	2500	1.3	4	1500	--	0.61 U	1 U	1.6 U	0.94 U	6.3	0.31 U	0.61 U	1.3 U	1.2	2.1 U	300	19	81	620	0.38 U
VP-02	TO-15	22-Aug-05	ORIG	40	14	2500	2.9 U	17	2000	--	2.2 U	3.6 U	5.6 U	3.4 U	21	1.1 U	2.2 U	4.6 U	2.7 U	11	1100	71	280	790	1.4 U
VP-02	TO-15	22-Aug-05	ORIG	50	14	3000	3.6 U	15	2300	--	2.7 U	4.4 U	6.8 U	4.2 U	20	1.4 U	2.7 U	5.6 U	3.3 U	16	1300	71	250	840	1.7 U
VP-02	TO-15	22-Aug-05	DUP	60	19 J	3600 J	3.3 U	25 J	2200 J	--	2.4 U	4 U	6.2 U	3.8 U	27 J	1.2 U	2.4 U	5.1 U	3 U	31	1200 J	87 J	310 J	730 J	1.5 U
VP-02	TO-15	22-Aug-05	ORIG	60	14 J	1400 J	3.8 U	19 J	750 J	--	2.8 U	4.7 U	7.2 U	4.4 U	20 J	1.4 U	2.8 U	6 U	3.5 U	28	490 J	63 J	180 J	240 J	1.8 U
VP-02	TO-15	22-Aug-05	ORIG	70	8.2	1500	1.4 U	12	830	--	1 U	1.7 U	2.6 U	1.6 U	12	0.52 U	1 U	2.1 U	1.2 U	12	290	33	70	300	0.64 U
VP-03	TO-15	18-Aug-05	ORIG	6	40	220	0.46 U	18	170	--	0.53	0.56 U	0.87 U	0.53 U	9.3	0.17 U	0.35	0.72 U	0.42 U	1.1 U	430	4.4	37	67	0.22 U
VP-03	TO-15	18-Aug-05	DUP	12	55 J	380 J	1.3 U	27 J	310 J	--	1.3 J	1.6 U	2.5 U	1.5 U	19 J	0.5 U	0.97 U	2 U	1.2 U	5.6	1100 J	7.5 J	100 J	100 J	0.61 U
VP-03	TO-15	18-Aug-05	ORIG	12	43 J	280 J	0.52 U	21 J	220 J	--	0.89 J	0.64 U	0.99 U	0.6 U	15 J	0.2 U	0.39 U	0.82 U	0.48 U	1.3 U	530 J	5.9 J	42 J	79 J	0.25 U
VP-03	TO-15	18-Aug-05	ORIG	18	35	1300	1.2 U	39	790	--	2.2	1.5 U	2.3 U	1.4 U	49	0.45 U	0.89 U	1.9 U	1.1 U	23	1800	24	120	170	0.56 U
VP-03	TO-15	18-Aug-05	ORIG	24	60	350	0.87 U	29	280	--	1.2	1.1 U	1.7 U	1 U	19	0.33 U	0.65 U	1.4 U	0.79 U	2.3 U	750	7.9	54	100	0.41 U
VP-03	TO-15	18-Aug-05	ORIG	40	1.9	55	0.082 U	3	52	--	0.22	0.1 U	0.16 U	0.094 U	5.4	0.031 U	0.061 U	0.13 U	0.074 U	2.7	36	1.4	7	11	0.038 U
VP-03	TO-15	18-Aug-05	ORIG	50	2.8	62	0.087 U	4	55	--	0.28	0.11 U	0.17 U	0.1 U	6.8	0.033 U	0.065	0.14 U	0.079 U	9.7	47	1.5	5.2	17	0.041 U
VP-03	TO-15	22-Aug-05	ORIG	60	25	3100	2.6 U	36	1300	--	1.9 U	3.2 U	5 U	3 U	73	0.99 U	1.9 U	4.1 U	2.4 U	62	2400	40	180	240	1.2 U
VP-03	TO-15	19-Aug-05	ORIG	70	8.2	1100	0.98 U	15	440	--	0.73 U	1.2 U	1.9 U	1.1 U	28	0.37 U	0.73 U	1.5 U	0.89 U	14	310	14	48	90	0.46 U
VP-04	TO-15	22-Aug-05	ORIG	6	55	1100	2.1 U	23	750	--	1.6 U	2.6 U	4 U	2.5 U	15	0.81 U	1.6 U	3.3 U	1.9 U	5.6 U	1800	21	200	360	1 U
VP-04	TO-15	22-Aug-05	ORIG	12	55	1100	0.87	20	670	--	0.29	0.16 U	0.25 U	0.23	12	0.05 U	0.2	0.2 U	0.46	0.33 U	660	19	130	370	0.079
VP-04	TO-15	22-Aug-05	ORIG	18	54	1100	1.3 U	20	710	--	0.93 U	1.5 U	2.4 U	1.4 U	13	0.48 U	0.93 U	2 U	1.1 U	3.2 U	580	18	120	350	0.59 U
VP-04	TO-15	22-Aug-05	ORIG	24	12	710	0.66 U	6.5	550	--	0.49 U	0.8 U	1.2 U	0.76 U	7.8	0.25 U	0.49 U	1 U	0.59 U	1.6 U	95	9.9	35	250	0.31 U
VP-04	TO-15	22-Aug-05	DUP	40	33	1300	2 U	28	1100	--	1.5 U	2.4 U	3.7 U	2.3 U	48	0.74 U	1.5 U	3.1 U	1.8 U	4.9 U	950	52	200	360	0.92 U
VP-04	TO-15	22-Aug-05	ORIG	40	29	1300	1.7 U	25	1100	--	1.3 U	2.1 U	3.2 U	2 U	41	0.64 U	1.3 U	2.6 U	1.5 U	4.2 U	1100	44	180	390	0.79 U
VP-04	TO-15	22-Aug-05	ORIG	50	20	920	1 U	25	670	--	0.77 U	1.3 U	2 U	1.2 U	41	0.39 U	0.77 U	1.6 U	0.94 U	5.6	37	28	52	240	0.49 U
VP-04	TO-15	22-Aug-05	ORIG	60	40	1200	2 U	33	1300	--	1.5 U	2.4 U	3.7 U	2.3 U	73	0.74 U	1.5 U	3.1 U	1.8 U	14	810	48	140	250	0.92 U
VP-04	TO-15	22-Aug-05	ORIG	70	60	1400	3.8 U	53	1700	--	2.8 U	4.6 U	7.1 U	4.3 U	130	1.4 U	2.8 U	5.9 U	3.4 U	9.7 U	5000	79	340	200	1.8 U
VP-05	TO-15	17-Aug-05	ORIG	6	490	610	1.1 U	110	310	--	1.8	1.3 U	2.1 U	1.3 U	15	0.41 U	3.1	1.7 U	0.99 U	2.8 U	1600	8.7	100	150	0.51 U
VP-05	TO-15	17-Aug-05	ORIG	12	440	650	1.1	89	360	--	4.5	1.1 U	1.7 U	1 U	18	0.33 U	1.1	1.4 U	0.79 U	2.2 U	1800	10	110	170	0.41 U
VP-05	TO-15	17-Aug-05	DUP	18	290 J	590 J	0.98	61 J	350 J	--	7.3 J	0.8 U	1.2 U	0.76 U	18 J	0.25 U	0.53 J	1 U	0.59 U	1.6 U	950 J	7.9 J	81 J	150 J	0.31 U
VP-05	TO-15	17-Aug-05	ORIG	18	380 J	740 J	1.1	81 J	440 J	--	9.3 J	0.8 U	1.2 U	0.76 U	23 J	0.25 U	0.69 J	1 U	0.59 U	1.6 U	1200 J	10 J	100 J	200 J	0.31 U
VP-05	TO-15	17-Aug-05	ORIG	24	120	440	0.55	29	340	--	6.5	0.42 U	0.64 U	0.39 U	17	0.13 U	0.32	0.53 U	0.31 U	0.87 U	310	4.8	38	110	0.16 U
VP-05	TO-15	17-Aug-05	ORIG	40	150	650	1.7 U	77	830	--	17	2.1 U	3.3 U	2 U	83	0.66 U	1.3 U	2.7 U	1.6 U	4.5 U	2700	22	200	110	0.82 U
VP-06	TO-15	16-Aug-05	ORIG	6	170	240	0.43 U	13	83	--	1.7	0.52 U	0.81 U	0.49 U	3.7	0.16 U	0.32 U	0.66 U	0.39 U	1.1 U	440	1.5	38	49	0.2 U
VP-06	TO-15	16-Aug-05	ORIG	12	130	250	0.4 U	9.3	71	--	3.6	0.5 U	0.77 U	0.47 U	3.2	0.15 U	0.3 U	0.63 U	0.37 U	1.9	210	1.1	25	43	0.19 U
VP-06	TO-15	16-Aug-05	ORIG	18	200	250	0.54 U	15	75	--	5.7	0.66 U	1 U	0.62 U	5.4	0.2 U	0.4 U	0.83 U	0.48 U	1.4 U	330	1.6	44	48	0.25 U
VP-06	TO-15	16-Aug-05	ORIG	24	76	130	0.33	7.7	48	--	10	0.28 U	0.42 U	0.26 U	3.8	0.085 U	0.17 U	0.35 U	0.2 U	0.94	300	0.67	15	26	0.11 U
VP-06	TO-15	16-Aug-05	ORIG	40	71	250	0.23 U	5.3	99	--	9.3	0.28 U	0.43 U	0.26 U	3.2	0.087 U	0.17 U	0.36 U	0.21 U	1.2	120	0.56	12	43	0.11 U
VP-06	TO-15	16-Aug-05	ORIG	50	55	400	0.55 U	17	360	--	29	0.67 U	1 U	0.63 U	30	0.21 U	0.41 U	0.85 U	0.49 U	5.9	580	5.2	41	73	0.36
VP-06	TO-15	16-Aug-05	DUP	60	250 J	290 J	1.1 U	12 J	110 J	--	16 J	1.3 U	2.1 U	1.3 U	8.3 J	0.41 U	0.81 U	1.7 U	0.99 U	3.5	810	1	35	33 J	0.51 U
VP-06	TO-15	16-Aug-05	ORIG	60	180 J	230 J	0.93 U	8.9 J	83 J	--	11 J	1.1 U	1.8 U	1.1 U	5.9 J	0.35 U	0.69 U	1.4 U	0.84 U	3	810	0.83	30	26 J	0.43 U
VP-06	TO-15	16-Aug-05	ORIG	70	170	650	4 U	53	670	--	140	4.9 U	7.5 U	4.6 U	130	1.5 U	3 U	6.2 U	3.6 U	25	3400	23	280	110	1.9 U
VP-07	TO-15	15-Aug-05	ORIG	6	6	77	0.082 U	1.1	33	--	0.093	0.1 U	0.16 U	0.094 U	2.2	0.031 U	0.29	0.13 U	0.074 U	0.22 U	280	0.83	14	23	0.038 U
VP-07	TO-15	15-Aug-05	ORIG	12	12	200	0.082 U	2.5	67	--	0.49	0.1 U	0.16 U	0.094 U	4.5	0.031 U	0.53	0.13 U	0.16	0.22 U	240	1.8	20	49	0.038 U
VP-07	TO-15	15-Aug-05	ORIG	18	26	630	0.82 U	3.6	200	--	1.2	1 U	1.6 U	0.94 U	6.8	0.31 U	0.61 U	1.3 U	0.74 U	2 U	950	2.5	44	79	0.38 U
VP-07	TO-15	15-Aug-05	ORIG	24	15	250	0.082 U	2	79	--	1.1	0.1 U	0.16 U	0.094 U	4.8	0.031 U	0.18	0.13 U	0.11	0.22 U	130	1.5	15	41	0.038 U
VP-07	TO-15	15-Aug-05	DUP	40	60 J	480	0.087 U	1.7 J	190 J	--	2.5 J	0.11 U	0.17 U	0.1 U	4.4 J	0.033 U	0.093	0.14 U	0.079 U	0.23 U	680	0.83 J	70 J	120 J	0.041 U
VP-07	TO-15	15-Aug-05	ORIG	40	45 J	400	0.76 U	5.3 J	140 J	--	5.3 J	0.94 U	1.4 U	0.88 U	12 J	0.29 U	0.57 U	1.2 U	0.69 U	1.9 U	680	2.2 J	44 J	84 J	0.36 U

Table A-8
Omega Chemical Superfund Site
Summary of Soil Gas Analytical Data
Chlorinated Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,1,1-Trichloro-ethane	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-1,1,2-Trifluoro-ethane	1,2-Dichloro-ethane	Bromo-dichloro-methane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Cis-1,2-Dichloro-ethene	Dibromochloro-methane	Dichlorodifluoro-methane	Methylene Chloride	Tetrachloro-ethene	Trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichlorofluoro-methane (Freon 11)	Vinyl Chloride
VP-08	TO-15	19-Aug-05	ORIG	6	1500	1300	4.2 U	22	95	--	10	5.2 U	8 U	4.8 U	12	1.6 U	3.1 U	6.6 U	3.8 U	11 U	3400	3.1 U	150	31	2 U
VP-08	TO-15	19-Aug-05	ORIG	12	1400	1300	1.7 U	18	100	--	6.9	2.1 U	3.3 U	2 U	10	0.66 U	1.3 U	2.7 U	1.6 U	4.5 U	2800	1.3 U	120	36	0.82 U
VP-08	TO-15	19-Aug-05	ORIG	18	2500	1700	2.6 U	20	110	--	9.7	3.1 U	4.9 U	3 U	11	0.97 U	1.9 U	4 U	2.3 U	6.6 U	2800	1.9 U	160	39	1.2 U
VP-08	TO-15	19-Aug-05	ORIG	24	220	340	0.39 U	6.1	52	--	5.3	0.48 U	0.74 U	0.45 U	4.1	0.15 U	0.29 U	0.61 U	0.36 U	1 U	160	0.29 U	16	17	0.18 U
VP-08	TO-15	19-Aug-05	ORIG	40	260	410	0.55 U	16	140	--	20	0.67 U	1 U	0.63 U	16	0.21 U	0.41 U	0.85 U	0.49 U	1.8	320	0.48	30	28	0.26 U
VP-08	TO-15	19-Aug-05	ORIG	50	210	320	0.76 U	18	140	--	16	0.94 U	1.4 U	0.88 U	21	0.29 U	0.57 U	1.2 U	0.69 U	3	560	0.71	38	22	0.36 U
VP-08	TO-15	19-Aug-05	ORIG	60	1400	1000	3.1 U	13	210	--	13	3.8 U	5.8 U	3.5 U	12	1.2 U	2.3 U	4.8 U	2.8 U	14	4300	2.2 U	110	39	1.4 U
VP-08	TO-15	19-Aug-05	ORIG	70	1600	1200	2.6 U	14	320	--	13	3.1 U	4.9 U	3 U	13	0.97 U	1.9 U	4 U	2.3 U	14	5400	1.9 U	150	48	1.2 U
VP-09	TO-15	16-Aug-05	ORIG	6	1.6	220	0.15 U	0.36	10	--	0.11 U	0.19 U	0.29 U	0.18 U	0.59	0.058 U	0.81	0.24 U	0.14 U	0.38 U	46	0.11 U	3.1	25	0.072 U
VP-09	TO-15	16-Aug-05	ORIG	12	2.5	340	0.24 U	0.77	21	--	0.18 U	0.3 U	0.46 U	0.28 U	0.83	0.091 U	1.6	0.38 U	0.22 U	0.63	75	0.17 U	4.4	39	0.11 U
VP-09	TO-15	16-Aug-05	ORIG	18	3.2	340	0.21 U	1.3	32	--	0.16 U	0.26 U	0.4 U	0.25 U	0.98	0.081 U	2.2	0.33 U	0.19 U	0.56	81	0.19	4.6	48	0.1 U
VP-09	TO-15	16-Aug-05	DUP	24	5.2	340	0.32 U	2.3	63	--	0.24 U	0.4 U	0.61 U	0.37 U	1.6	0.12 U	3.2	0.5 U	0.29 U	0.83 U	120 J	0.31	5.9	54	0.15 U
VP-09	TO-15	16-Aug-05	ORIG	24	4.9	330	0.26 U	2.2	60	--	0.19 U	0.32 U	0.5 U	0.3 U	1.5	0.099 U	2.9	0.41 U	0.24 U	0.73	95 J	0.29	4.9	53	0.12 U
VP-09	TO-15	16-Aug-05	ORIG	40	20	420	0.48 U	2	150	--	0.36 U	0.59 U	0.91 U	0.55 U	1.4	0.18 U	0.85	0.75 U	0.44 U	1.3	88	0.6	4.4	67	0.23 U
VP-09	TO-15	16-Aug-05	DUP	50	55	590	0.76 U	3.9	250	--	0.57 U	0.94 U	1.4 U	0.88 U	2.8	0.29 U	1.2	1.2 U	0.69 U	1.9 U	240	1.5	13	73	0.36 U
VP-09	TO-15	16-Aug-05	ORIG	50	46	550	0.82 U	3.3	230	--	0.61 U	1 U	1.6 U	0.94 U	2.5	0.31 U	0.93	1.3 U	0.74 U	2.2	330	1.2	11	62	0.38 U
VP-09	TO-15	16-Aug-05	ORIG	60	44	540	0.82 U	9.3	380	--	0.61 U	1 U	1.6 U	0.94 U	12	0.31 U	1.8	1.3 U	0.74 U	2.2	220	1.5	9.1	79	0.38 U
VP-09	TO-15	16-Aug-05	DUP	70	93 J	680 J	1.1 U	17	550	--	0.81 U	1.3 U	2.1 U	1.3 U	25	0.41 U	2.9	1.7 U	0.99 U	2.7 U	160 J	3.4	14	90	0.51 U
VP-09	TO-15	16-Aug-05	ORIG	70	71 J	550 J	1.3 U	14	480	--	0.93 U	1.5 U	2.4 U	1.4 U	21	0.48 U	2.6	2 U	1.1 U	3.4	410 J	3	18	79	0.59 U
VP-10	TO-15	15-Aug-05	ORIG	6	3.2	1100	0.93 U	4.5	340	--	0.69 U	1.1 U	1.8 U	1.1 U	4.6	0.35 U	38	1.4 U	0.84 U	2.3 U	520	3.4	53	310	0.43 U
VP-10	TO-15	15-Aug-05	ORIG	12	3.9	1300	1.1 U	5.3	400	--	0.81 U	1.3 U	2.1 U	1.3 U	5.4	0.41 U	38	1.7 U	0.99 U	2.8 U	410	3.7	51	370	0.51 U
VP-10	TO-15	15-Aug-05	ORIG	18	4.7	1400	1 U	6.5	400	--	0.77 U	1.3 U	2 U	1.2 U	5.9	0.39 U	38	1.6 U	0.94 U	2.6 U	440	3.8	53	390	0.49 U
VP-10	TO-15	15-Aug-05	ORIG	24	1.9	1200	0.6 U	3.5	230	--	0.45 U	0.74 U	1.1 U	0.69 U	3.2	0.23 U	8.9	0.94 U	0.89	1.5 U	60	1.5	12	300	0.28 U
VP-10	TO-15	15-Aug-05	ORIG	40	0.0044 U	0.019	0.0044 U	0.0032 U	0.0087	--	0.0032 U	0.0054 U	0.0083 U	0.005 U	0.0039 U	0.0018	0.0032 U	0.0068 U	0.004 U	0.011 U	0.0054 U	0.0032 U	0.0043 U	0.011	0.002 U
VP-11	TO-15	15-Aug-05	ORIG	6	1.5	1400	0.15 U	4	710	--	0.11 U	0.19 U	0.29 U	0.23	1.5	0.058 U	2.5	0.24 U	0.94	0.38 U	410	5.2	86	530	0.072 U
VP-11	TO-15	15-Aug-05	ORIG	12	0.76	920	0.065 U	1.9	440	--	0.049 U	0.08 U	0.12 U	0.13	0.68	0.025 U	0.97	0.1 U	0.64	0.17 U	95	2.4	27	350	0.033
VP-11	TO-15	15-Aug-05	ORIG	18	0.76	920	0.071 U	1.7	400	--	0.053 U	0.087 U	0.13 U	0.13	0.59	0.027 U	0.69	0.11 U	0.64	0.18 U	62	2.4	20	350	0.033 U
VP-11	TO-15	15-Aug-05	ORIG	24	0.6	770	0.13 U	1.2	360	--	0.093 U	0.15 U	0.24 U	0.15 U	0.73	0.047 U	0.28	0.2 U	0.94	0.33 U	35	3.8	12	310	0.059 U
VP-11	TO-15	15-Aug-05	ORIG	40	1.1	1400	0.82 U	2.4	550	--	0.61 U	1 U	1.6 U	0.94 U	1.5	0.31 U	0.61 U	1.3 U	1	2.1 U	95	5.9	17	440	0.38 U
VP-11	TO-15	15-Aug-05	ORIG	50	1.5	1200	0.12 U	3.2	520	--	0.089 U	0.15 U	0.23 U	0.19	2.2	0.045 U	0.19	0.19 U	1.1	0.3 U	150	8.7	25	450	0.079
VP-11	TO-15	15-Aug-05	ORIG	60	4.6	1400	0.13 U	6.9	750	--	0.093 U	0.15 U	0.24 U	0.33	6.8	0.047 U	0.15	0.2 U	1.3	0.32 U	210	28	49	510	0.16
VP-11	TO-15	15-Aug-05	ORIG	70	0.0043 U	0.012 U	0.0043 U	0.0032 U	0.0048	--	0.0032 U	0.0052 U	0.0081 U	0.0049 U	0.0038 U	0.0016	0.0032 U	0.0066 U	0.0039 U	0.011 U	0.011	0.0031 U	0.0042 U	0.009 U	0.002 U
VP-12	TO-15	17-Aug-05	ORIG	6	9.3	110	0.065 U	0.37	6.7	--	0.049 U	0.08 U	0.12 U	0.075 U	0.44	0.025 U	0.49	0.1 U	0.064	0.17 U	120	0.048 U	4.7	14	0.031 U
VP-12	TO-15	17-Aug-05	ORIG	12	4.9	84	0.034 U	0.57	6.3	--	0.025 U	0.042 U	0.065 U	0.04 U	0.45	0.013 U	0.77	0.054 U	0.069	0.087 U	41	0.035	3.2	11	0.016 U
VP-12	TO-15	17-Aug-05	ORIG	18	5.2	84	0.035 U	0.77	9.9	--	0.026 U	0.044 U	0.067 U	0.041 U	0.48	0.013 U	0.93	0.055 U	0.079	0.09 U	25	0.04	2.3	16	0.017 U
VP-12	TO-15	17-Aug-05	ORIG	24	0.6	31	0.043 U	0.39	4.8	--	0.032	0.052 U	0.081 U	0.049 U	0.28	0.016 U	0.17	0.066 U	0.059	0.11 U	3.5	0.031 U	0.23	8.4	0.02 U
VP-12	TO-15	18-Aug-05	ORIG	40	8.2	310	0.16 U	7.7	91	--	0.26	0.2 U	0.31 U	0.19 U	4.9	0.062 U	0.65	0.26 U	0.15 U	0.42 U	14	0.12 U	1.9	53	0.077 U
VP-12	TO-15	17-Aug-05	ORIG	50	8.2	420	0.21 U	8.9	180	--	0.41	0.26 U	0.39 U	0.24 U	9.8	0.078 U	1.1	0.32 U	0.22	0.52 U	130	0.4	4.7	84	0.097 U
VP-12	TO-15	17-Aug-05	ORIG	60	17	570	0.22 U	19	380	--	0.29	0.28 U	0.42 U	0.26 U	47	0.085 U	0.73	0.35 U	0.34	0.56 U	240	1.3	11	130	0.11 U
VP-12	TO-15	17-Aug-05	ORIG	70	37	770	1.1 U	30	710	--	0.81 U	1.3 U	2.1 U	1.3 U	130	0.41 U	0.81 U	1.7 U	0.99 U	2.7 U	810	4.4	37	160	0.51 U
VP-13	TO-15	12-Dec-05	ORIG	8	1.2 U	40	1.2 U	1.4	50	--	0.91 U	1.5 U	2.3 U	1.4 U	11	1.8 U	1.5	1.9 U	1.1 U	0.78 U	420	0.89 U	37	11	0.57 U
VP-13	TO-15	12-Dec-05	ORIG	20	0.19 U	10	0.19 U	0.5	14	--	0.14 U	0.23 U	0.36 U	0.22 U	5.9	0.28 U	0.69	0.29 U	0.17 U	0.12 U	67	0.14 U	7	2.7	0.088 U
VP-13	TO-15	12-Dec-05	ORIG	29	5 U	140	5 U	8.7	230	--	3.7 U	6.1 U	9.4 U	5.8 U	100	7.6 U	13	7.8 U	4.5 U	3.2 U	1200	3.6 U	110	37	2.3 U
VP-13	TO-15	12-Dec-05	ORIG	40	3.9	61	0.38 U	1.1	99	--	0.28 U	0.46 U	0.71 U	0.43 U	21	0.57 U	1.5	0.59 U	0.34 U	1.4	89	0.32	8.7	16	0.18 U
VP-13	TO-15	12-Dec-05	ORIG	56	39	250	2.3 U	7.3	430	--	1.7 U	2.8 U	4.4 U	2.7 U	110	3.5 U	6	3.6 U	2.1 U	21	850	1.7	59	50	1.1 U
VP-14	TO-15	15-Dec-05	ORIG	12	0.66 U	120	0.66 U	0.49 U	120	--	0.49 U	0.81 U	1.2 U	0.76 U	0.59 U	1 U	0.48 U	1 U	0.6 U	0.42 U	99	0.48 U	8.2	26	0.31 U
VP-14	TO-15	15-Dec-05	ORIG	29	4.2 U	1200	4.2 U	3.1 U	740	--	3.1 U	5.2 U	8 U	4.9 U	3.8 U	6.4 U	3.1 U	6.6 U	3.8 U	2.7 U	180	3.1 U	20	220	2 U
VP-14	TO-15	15-Dec-05	ORIG	35	4.5 U	970	4.5 U	3.3 U	810	--	3.3 U	5.5 U	8.5 U	5.2 U	4 U	6.8 U	3.3 U	7 U	4.1 U	2.9 U	450	3.3 U	45	180	2.1 U
VP-14	TO-15	15-Dec-05	DUP	44	7 U	1600	7 U	5.2 U	1200	--	5.2 U	8.6 U	13 U	8.1 U	22	11 U	5.1 U	11 U	6.4 U	4.5 U	400	5.1 U	69	360	3.3 U
VP-14	TO-15	15-Dec-05	ORIG	44	6.5 U	1600	6.5 U	4.8 U	1200	--	4.8 U	8 U	12 U	7.5 U	21	9.8 U	4.7 U	10 U	5.9 U	4.1 U	380	4.7 U	68	350	3 U
VP-14	TO-15	15-Dec-05	ORIG	51	32	4100	12 U	18	3400	--	9.1 U	15 U	23 U	14 U	160	18 U	8.9 U	19 U	11 U	7.8 U	2900	8.9 U	460	770	5.7 U
VP-14	TO-15	15-Dec-05	ORIG	58	32	3300	13 U	17	3200	--	10 U	16 U	26 U	16 U	180	20 U	9.8 U	21 U	12 U	8.6 U	6100	9.8 U	610	710	6.3 U
VP-15	TO-15	14-Dec-05	ORIG	6	1.4 U	420	1.4 U	1 U	380	--	1 U	1.7 U	2.6 U	1.6 U	1.2 U	2.1 U	1 U	2.2 U	1.2 U	0.88 U	430	1 U	24	89	0.65 U
VP-15	TO-15	14-Dec-05	DUP	12	2.6 U	650 J	2.6 U	2 U	550 J	--	2 U	3.2 U	5 U	3 U	2.4 U	4 U	1.9 U	4.1 U	2.4 U	1.7 U	520 J	1.9 U	38 J	160 J	1.2 U
VP-15	TO-15	14-Dec-05	ORIG	12	4.7 U	1000 J	4.7 U	3.5 U	860 J	--	3.5 U	5.8 U	8.9 U	5.4 U	4.2 U	7.1 U	3.4 U	7.3 U	4.2 U	3 U	900 J	3.4 U	58 J	200 J	2.2 U
VP-15	TO-15	14-Dec-05	ORIG	18	2.8 U	900	2.8 U	2 U	810	--	2 U	3.4 U	5.2 U	3.2 U	2.5 U	4.2 U	2 U	4.3 U	2.5 U	1.8 U	320	2 U	31	210	1.3 U
VP-15	TO-15	14-Dec-05	ORIG	24	2.6 U	630	2.6 U	1.9 U	530	--	1.9 U	3.2 U	4.9 U	3 U	2.3 U	3.9 U	1.9 U	4 U	2.4 U	1.6 U	71	1.9 U	12	160	1.2 U
VP-15	TO-15	14-Dec-05	ORIG	40	6.2 U	1500	6.2 U	4.6 U	1100	--	4.6 U	7.7 U	12 U	7.2 U	14	9.4 U	4.5 U	9.8 U	5.7 U	4 U	190	4.5 U	53	400	2.9 U
VP-15	TO-15	14-Dec-05	ORIG	50	8.3 U	1500	8.3 U	6.2 U	1200	--	6.2 U	10 U	16 U	9.6 U	25	12 U	6 U	13 U	7.5 U	5.3 U	430	6 U	78	350	3.9 U
VP-15	TO-15	14-Dec-05	ORIG	60	16	2100	8.6 U	8.6	1700	--	6.4 U	11 U	16 U	10 U	100	13 U	6.3 U	14 U	7.8 U	5.5 U	1900	6.3 U	230	510	4 U
VP-15	TO-15	14-Dec-05	ORIG	70	15	2100	8 U	7.4	1700	--	5.9 U	9.8 U	15 U	9.2 U	91	12 U	5.8 U	12 U	7.2 U	5.1 U	1400	5.8 U	190	510	3.7 U
VP-16	TO-15	13-Dec-05	ORIG	8	0.61 U	180	0.61 U	0.45 U	59	--	0.45 U	0.75 U	1.2 U	0.7 U	0.55 U	0.92 U	0.44 U	0.95 U	0.55 U	0.39 U	20	0.44 U	6.1	46	0.29 U
VP-16	TO-15	13-Dec-05	ORIG	22	1.4 U	340	1.4 U	1 U	180	--	1 U	1.7 U	2.7 U	1.6 U	1.3 U	2.1 U	1 U	2.2 U	1.3 U	0.9 U	28	1 U	10	74	0.66 U
VP-16	TO-15	13-Dec-05	DUP	32	1.3 U	420	1.3 U	0.98 U	310	--	0.98 U	1.6 U	2.5 U	1.5 U	1.2 U	2 U	0.96 U	2.1 U	1.2 U	0.84 U	140	0.96 U	24	93	0.62 U
VP-16	TO-15	13-Dec-05	ORIG	32	1.3 U	440	1.3 U	0.98 U	330	--	0.98 U	1.6 U	2.5 U	1.5 U	1.2 U	2 U	0.96 U	2.1 U	1.2 U	0.84 U	140	0.96 U	25	99	0.62 U
VP-16	TO-15	13-Dec-05	ORIG	47	4.4 U	1300	4.4 U	3.2 U	620	--	3.2 U	5.4 U	8.3 U	5.1 U	3.9 U	6.6 U	3.2 U	6.8 U	4 U	2.8 U	120	3.2 U	33	230	2 U
VP-16	TO-15	14-Dec-05	ORIG	60	0.13 U	18	0.13 U	0.094 U	29	--	0.094 U	0.16 U	0.24 U	0.15 U	0.11 U	0.19 U	0.092 U	0.2 U	0.12 U	0.081 U	15	0.092 U	4.6	3.9	0.06 U
VP-17	TO-15	12-Dec-05	ORIG	15	0.092 U	21	0.092 U	0.069 U	16	--	0.069 U	0.11 U	0.18 U	0.11 U	0.083 U	0.14 U	0.067 U	0.14 U	0.084 U	0.059 U	2.5	0.067 U	0.55	7.6	0.043 U
VP-17	TO-15	12-Dec-05	ORIG	25	0.18 U	37	0.18 U	0.13 U	36	--	0.13 U	0.22 U	0.34 U	0.2 U	0.16 U	0.27 U	0.13 U	0.28 U	0.16 U	0.11 U	12	0.13 U	3.1	12	0.084 U
VP-17	TO-15	12-Dec-05	ORIG	31	0.29 U	64	0.29 U	0.22 U	67	--	0.22 U	0.36 U	0.56 U	0.34 U	0.26 U	0.45 U	0.21 U	0.46 U	0.27 U	0.19 U	63	0.21 U	8.9	20	0.14 U
VP-17	TO-15	12-Dec-05	ORIG	45	1.7 U	640	1.7 U	1.2 U	230	--	1.2 U	2.1 U	3.2 U	2 U	1.5 U	2.6 U	1.2 U	2.6 U	1.5 U	1.1 U	32	1.2 U	7.4	160	0.79 U
VP-17	TO-15	12-Dec-05	ORIG	60	7.7 U	3200	7.7 U	5.7 U	1100	--	5.7 U	9.4 U	14 U	8.9 U	6.9 U	12 U	5.6 U	12 U	7 U	4.9 U	750	5.6 U	98	570	3.6 U
VP-18	TO-15	15-Dec-05	ORIG	27	4.8 U	1400	4.8 U	3.6 U	820	--	3.6 U	5.9 U	9.1 U	5.5 U	4.3 U	7.3 U	3.5 U	7.5 U	4.6	3 U	51	3.5 U	12	260	2.2 U

Table A-8
Omega Chemical Superfund Site
Summary of Soil Gas Analytical Data
Chlorinated Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,1,1-Trichloro-ethane	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-1,1,2-Trifluoro-ethane	1,2-Dichloro-ethane	Bromo-dichloro-methane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Cis-1,2-Dichloro-ethene	Dibromochloro-methane	Dichlorodifluoro-methane	Methylene Chloride	Tetrachloro-ethene	Trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichlorofluoro-methane (Freon 11)	Vinyl Chloride
VP-18	TO-15	15-Dec-05	DUP	38	8.3 U	2000	8.3 U	6.2 U	1600	--	6.2 U	10 U	16 U	9.6 U	7.4 U	12 U	6 U	13 U	7.5 U	5.3 U	500	6 U	66	340	3.9 U
VP-18	TO-15	15-Dec-05	ORIG	38	8.2 U	1800	8.2 U	6 U	1400	--	6 U	10 U	15 U	9.4 U	7.3 U	12 U	5.9 U	13 U	7.4 U	5.2 U	450	5.9 U	60	310	3.8 U
VP-18	TO-15	15-Dec-05	ORIG	50	10 U	3100	10 U	7.7 U	2100	--	7.7 U	13 U	20 U	12 U	9.3 U	16 U	7.6 U	16 U	12	6.6 U	830	7.6 U	110	600	4.9 U
VP-18	TO-15	15-Dec-05	ORIG	58	13 U	4300	13 U	9.6 U	3000	--	9.6 U	16 U	25 U	15 U	12 U	20 U	9.4 U	20 U	13	8.3 U	1600	9.4 U	180	680	6.1 U
VP-19	TO-15	13-Dec-05	ORIG	6	0.049 U	5	0.049 U	0.036	13	J	0.036 U	0.06 U	0.092 U	0.056 U	0.092	0.074 U	0.035 U	0.076 U	0.044 U	0.031 U	16	0.057	14	4.3	0.023 U
VP-19	TO-15	13-Dec-05	ORIG	12	0.052 U	5.6	0.052 U	0.046	14	J	0.038 U	0.064 U	0.098 U	0.06 U	0.11	0.078 U	0.038 U	0.081 U	0.047 U	0.033 U	14	0.057	15	4.7	0.024 U
VP-19	TO-15	13-Dec-05	ORIG	18	0.032 U	4	0.032 U	0.035	7.8	J	0.023 U	0.039 U	0.06 U	0.036 U	0.085	0.048 U	0.023 U	0.049 U	0.029 U	0.02 U	3.3	0.023 U	3.9	3.4	0.015 U
VP-19	TO-15	13-Dec-05	ORIG	24	0.017 U	2.6	0.017 U	0.024	4.7	J	0.013 U	0.021 U	0.033 U	0.02 U	0.049	0.026 U	0.012 U	0.027 U	0.016 U	0.011 U	1.9	0.012 U	3	2	0.0081 U
VP-19	TO-15	13-Dec-05	ORIG	40	0.01 U	3.9	0.01 U	0.025	1.6	J	0.0075 U	0.012 U	0.019 U	0.012 U	0.026	0.015 U	0.0074 U	0.016 U	0.0092 U	0.0084	0.091	0.0074 U	0.64	1.9	0.0048 U
VP-19	TO-15	13-Dec-05	DUP	50	0.021 U	9.4	0.021 U	0.055	2.2	J	0.015 U	0.026 U	0.039 U	0.024 U	0.04	0.032 U	0.015 U	0.032 U	0.019 U	0.041	0.3	0.015 U	1.2	3.6	0.0098 U
VP-19	TO-15	13-Dec-05	ORIG	50	0.02 U	9.2	0.02 U	0.053	2.1	J	0.015 U	0.025 U	0.039 U	0.024 U	0.037	0.031 U	0.015 U	0.032 U	0.018 U	0.041	0.3	0.015 U	1.2	3.5	0.0095 U
VP-19	TO-15	13-Dec-05	ORIG	60	0.017 U	6.8	0.017 U	0.095	1.8	J	0.012 U	0.02 U	0.032 U	0.019 U	0.047	0.025 U	0.012 U	0.026 U	0.015 U	0.011 U	2.9	0.012 U	6.6	3	0.0078 U
VP-19	TO-15	13-Dec-05	ORIG	70	0.025 U	8.6	0.025 U	0.13	2.3	J	0.019 U	0.031 U	0.048 U	0.029 U	0.072	0.038 U	0.018 U	0.04 U	0.023 U	0.016 U	2.4	0.018 U	7.7	3.6	0.012 U
VP-20	TO-15	06-Mar-06	ORIG	21.5	0.67 U	190	0.67 U	0.5 U	59	--	0.5 U	0.83 U	1.3 U	0.78 U	0.6 U	1 U	0.49 U	1 U	0.61 U	0.43 U	7.1	0.49 U	7.9	59	0.32 U
VP-20	TO-15	06-Mar-06	ORIG	29	0.76 U	180	0.76 U	0.56 U	56	--	0.56 U	0.93 U	1.4 U	0.88 U	0.68 U	1.2 U	0.55 U	1.2 U	0.69 U	0.48 U	1.1	0.55 U	1.4	72	0.36 U
VP-20	TO-15	06-Mar-06	ORIG	51	0.85 U	170	0.85 U	0.63 U	110	--	0.63 U	1 U	1.6 U	0.98 U	0.76 U	1.3 U	0.62 U	1.3 U	0.77 U	0.54 U	6.6	0.62 U	6.9	61	0.4 U
VP-21	TO-15	08-Mar-06	ORIG	20	0.33 U	74	0.33 U	0.24 U	63	--	0.24 U	0.4 U	0.62 U	0.38 U	0.3 U	0.5 U	0.24 U	0.52 U	0.3 U	0.3	29	0.24 U	3.5	19	0.15 U
VP-21	TO-15	08-Mar-06	ORIG	29	0.31 U	63	0.31 U	0.23 U	71	--	0.23 U	0.38 U	0.59 U	0.36 U	0.28 U	0.47 U	0.22 U	0.48 U	0.53	0.26	18	0.22 U	3.5	22	0.14 U
VP-21	TO-15	08-Mar-06	DUP	35	0.43 U	120	0.43 U	0.32 U	98	--	0.32 U	0.53 U	0.82 U	0.5 U	0.39 U	0.66 U	0.32 U	0.68 U	0.39 U	0.32	44	0.32 U	6.5	28	0.2 U
VP-21	TO-15	08-Mar-06	ORIG	35	0.44 U	100	0.44 U	0.32 U	90	--	0.32 U	0.54 U	0.83 U	0.51 U	0.39 U	0.66 U	0.32 U	0.68 U	0.4 U	0.34	39	0.32 U	5.9	26	0.2 U
VP-21	TO-15	08-Mar-06	ORIG	43	5.3 U	1300	5.3 U	3.9 U	920	--	3.9 U	6.5 U	10 U	6.1 U	4.7 U	8 U	3.8 U	8.3 U	4.8 U	3.4 U	610	3.8 U	66	270	2.5 U
VP-21	TO-15	08-Mar-06	ORIG	48	1.6 U	420	1.6 U	1.2 U	300	--	1.2 U	2 U	3.1 U	1.9 U	1.4 U	2.5 U	1.2 U	2.5 U	1.5 U	1 U	96	1.2 U	13	100	0.76 U
VP-22	TO-15	08-Mar-06	ORIG	18	0.016 U	3.6	0.016 U	0.012 U	3.9	--	0.012 U	0.02 U	0.03 U	0.018 U	0.025	0.024 U	0.012 U	0.025 U	0.029	0.01 U	0.36	0.012 U	0.056	1.7	0.0075 U
VP-22	TO-15	08-Mar-06	ORIG	27	0.073 U	16	0.073 U	0.054 U	16	--	0.054 U	0.09 U	0.14 U	0.085 U	0.066 U	0.11 U	0.053 U	0.11 U	0.066 U	0.047 U	2.1	0.053 U	0.38	4.8	0.034 U
VP-22	TO-15	08-Mar-06	ORIG	39	0.065 U	15	0.065 U	0.048 U	14	--	0.048 U	0.08 U	0.12 U	0.076 U	0.16	0.099 U	0.048 U	0.1 U	0.059 U	0.044	0.17	0.048 U	0.35	4	0.031 U
VP-23	TO-15	09-Mar-06	ORIG	22	0.0065 U	0.6	0.0065 U	0.0048 U	0.5	--	0.0048 U	0.0093	0.012 U	0.0075 U	0.014	0.0098 U	0.0047 U	0.01 U	0.017	0.0041 U	0.028	0.0047 U	0.0064 U	0.26	0.003 U
VP-23	TO-15	09-Mar-06	ORIG	29	0.036 U	9.2	0.036 U	0.026 U	6.1	--	0.026 U	0.044 U	0.068 U	0.041 U	0.032 U	0.054 U	0.026 U	0.056 U	0.06	0.041	0.46	0.026 U	0.035 U	1.9	0.017 U
VP-23	TO-15	09-Mar-06	DUP	45	0.03 U	9.4	0.03 U	0.023 U	4.9	--	0.023 U	0.038 U	0.058 U	0.035 U	0.027 U	0.046 U	0.022 U	0.048 U	0.072	0.033	0.37	0.022 U	0.03 U	2	0.014 U
VP-23	TO-15	09-Mar-06	ORIG	45	0.03 U	9.9	0.03 U	0.023 U	5.2	--	0.023 U	0.038 U	0.058 U	0.035 U	0.027 U	0.046 U	0.022 U	0.048 U	0.074	0.034	0.38	0.022 U	0.03 U	2.1	0.014 U
VP-24	TO-15	06-Mar-06	ORIG	27	1.3 U	590	1.3 U	0.94 U	29	--	0.94 U	1.6 U	2.4 U	1.5 U	1.1 U	1.9 U	0.92 U	2 U	3.2	0.81 U	1.6 U	0.92 U	1.2 U	92	0.6 U
VP-24	TO-15	06-Mar-06	ORIG	35	8.5 U	4200	8.5 U	6.3 U	150	--	6.3 U	10 U	16 U	9.8 U	7.6 U	13 U	6.2 U	13 U	15	5.4 U	10 U	6.2 U	8.4 U	500	4 U
VP-24	TO-15	06-Mar-06	ORIG	39	8.3 U	3500	8.3 U	6.2 U	140	--	6.2 U	10 U	16 U	9.6 U	7.4 U	12 U	6 U	13 U	14	5.3 U	10 U	6 U	8.2 U	470	3.9 U
VP-25	TO-15	06-Mar-06	ORIG	25	0.0093 U	3.3	0.0093 U	0.0069 U	0.96	--	0.0069 U	0.011 U	0.018 U	0.011 U	0.013	0.014 U	0.0068 U	0.014 U	0.012	0.0092	0.28	0.0068 U	1.4	1.8	0.0044 U
VP-25	TO-15	06-Mar-06	ORIG	29	0.01 U	3.8	0.01 U	0.0075 U	1	--	0.0075 U	0.012 U	0.019 U	0.012 U	0.0091 U	0.015 U	0.0074 U	0.016 U	0.014	0.011	0.73	0.0074 U	1.9	2.3	0.0048 U
VP-25	TO-15	06-Mar-06	ORIG	36	0.0064 U	1.3	0.0064 U	0.0047 U	0.39	--	0.0047 U	0.0078 U	0.012 U	0.0073 U	0.0057	0.0096 U	0.0046 U	0.0099 U	0.0072	0.013	0.33	0.0046 U	0.84	0.71	0.003 U
VP-26	TO-15	31-May-06	ORIG	10	0.0057 U	0.008 U	0.0057 U	0.0042 U	0.0041 U	--	0.0042 U	0.02	0.013	0.0066 U	0.023	0.0086 U	0.0041 U	0.014	0.0052 U	0.0036 U	0.0071 U	0.0041 U	0.0056 U	0.0059 U	0.0027 UJ
VP-26	TO-15	31-May-06	ORIG	25	0.0056 U	0.013	0.0056 U	0.0041 U	0.0041 U	--	0.0041 U	0.0069 U	0.01 U	0.0064 U	0.011	0.0085 U	0.0041 U	0.0087 U	0.0051 U	0.0036 U	0.012	0.0041 U	0.0055 U	0.0071	0.0026 UJ
VP-26	TO-15	31-May-06	ORIG	40	0.0056 U	0.0092	0.0056 U	0.0041 U	0.0041 U	--	0.0041 U	0.0069 U	0.01 U	0.0064 U	0.005 U	0.0085 U	0.0041 U	0.0087 U	0.0051 U	0.0048	0.007 U	0.0041 U	0.0055 U	0.0058 U	0.0026 UJ
VP-26	TO-15	31-May-06	ORIG	50	0.0057 U	0.008 U	0.0057 U	0.0042 U	0.0041 U	--	0.0042 U	0.007 U	0.011 U	0.0066 U	0.0051 U	0.0086 U	0.0041 U	0.0089 U	0.0052 U	0.0056	0.025	0.0041 U	0.0056 U	0.0059 U	0.0027 UJ
VP-26	TO-15	31-May-06	ORIG	60	0.0057 U	0.0084	0.0057 U	0.0042 U	0.0041 U	--	0.0042 U	0.007 U	0.011 U	0.0066 U	0.0051 U	0.0086 U	0.0041 U	0.0089 U	0.0052 U	0.01	0.0071 U	0.0041 U	0.0056 U	0.008	0.0027 UJ
VP-27	TO-15	31-May-06	ORIG	10	0.0055 U	0.13	0.0055 U	0.0041 U	0.004 U	--	0.0041 U	0.019	0.01 U	0.0064 U	0.034	0.0083 U	0.004 U	0.0093	0.005 U	0.0035 U	0.066	0.004 U	0.0054 U	0.065	0.0026 UJ
VP-27	TO-15	31-May-06	ORIG	25	0.0055 U	0.0077 U	0.0055 U	0.0041 U	0.004 U	--	0.0041 U	0.0068 U	0.01 U	0.0064 U	0.0074	0.0083 U	0.004 U	0.0086 U	0.005 U	0.0082	0.0068 U	0.004 U	0.0054 U	0.0057	0.0026 UJ
VP-27	TO-15	31-May-06	ORIG	40	0.0055 U	0.0077 U	0.0055 U	0.0041 U	0.004 U	--	0.0041 U	0.0068 U	0.01 U	0.0064 U	0.0049 U	0.0083 U	0.004 U	0.0086 U	0.005 U	0.0035 U	0.0068 U	0.004 U	0.0054 U	0.0057 U	0.0026 UJ
VP-27	TO-15	31-May-06	ORIG	50	0.0064 U	0.15	0.0064 U	0.0047 U	0.0046 U	--	0.0047 U	0.0078 U	0.012 U	0.0073 U	0.0057 U	0.0096 U	0.0046 U	0.0099 U	0.0058 U	0.0078	0.0079 U	0.0046 U	0.0063 U	0.14	0.003 UJ
VP-27	TO-15	31-May-06	DUP	60	0.0056 U	0.024 J	0.0056 U	0.0041 U	0.0041 U	--	0.0041 U	0.0069 U	0.01 U	0.0064 U	0.005 U	0.0085 U	0.0041 U	0.0087 U	0.0051 U	0.0059	0.007 U	0.0041 U	0.0055 U	0.014 J	0.0026 UJ
VP-27	TO-15	31-May-06	ORIG	60	0.0066 U	0.062 J	0.0066 U	0.0049 U	0.0048 U	--	0.0049 U	0.0081 U	0.012 U	0.0076 U	0.0059 U	0.01 U	0.0048 U	0.01 U	0.006 U	0.0053	0.015	0.0048 U	0.0065 U	0.04 J	0.0031 UJ
VP-28	TO-15	07-Mar-06	ORIG	20	1.4 U	600	1.4 U	1 U	190	--	1 U	1.7 U	2.6 U	1.6 U	1.2 U	2 U	0.99 U	2.1 U	1.4	0.86 U	2.1	0.99 U	1.3 U	140	0.64 U
VP-28	TO-15	07-Mar-06	ORIG	29	0.12 U	19	0.12 U	0.093 U	17	--	0.093 U	0.15 U	0.24 U	0.14 U	0.11 U	0.19 U	0.091 U	0.2 U	0.34	0.08 U	1.6	0.091 U	0.5	9	0.058 U
VP-28	TO-15	07-Mar-06	ORIG	43	0.31 U	100	0.31 U	0.23 U	69	--	0.23 U	0.38 U	0.59 U	0.36 U	0.28 U	0.47 U	0.22 U	0.48 U	0.28 U	0.2 U	14	0.22 U	2.6	26	0.14 U
VP-29	TO-15	06-Mar-06	ORIG	22	3.2 U	810	3.2 U	2.4 U	290	--	2.4 U	4 U	6.2 U	3.7 U	2.9 U	4.9 U	2.4 U	5.1 U	2.9 U	2.1 U	69	2.4 U	37	170	1.5 U
VP-29	TO-15	06-Mar-06	DUP	29	4.1 U	1500	4.1 U	3 U	620	--	3 U	5 U	7.7 U	4.7 U	3.6 U	6.2 U	3 U	6.3 U	3.7 U	2.6 U	120	3 U	71	390	1.9 U
VP-29	TO-15	06-Mar-06	ORIG	29	3.2 U	1500	3.2 U	2.4 U	640	--	2.4 U	4 U	6.2 U	3.7 U	2.9 U	4.9 U	2.4 U	5.1 U	2.9 U	2.1 U	120	2.4 U	71	400	1.5 U
VP-29	TO-15	06-Mar-06	ORIG	48	6.2 U	2800	6.2 U	4.6 U	980	--	4.6 U	7.7 U	12 U	7.2 U	5.6 U	9.4 U	4.5 U	9.8 U	5.7 U	4 U	160	4.5 U	83	600	2.9 U
VP-30	TO-15	31-May-06	ORIG	8	0.011 U	5.3	0.011 U	0.0083 U	1.3	--	0.0083 U	0.024	0.021 U	0.013 U	0.048	0.017 U	0.0081 U	0.017 U	0.01 U	0.0071 U	0.73	0.0081 U	0.59	1.9	0.0052 UJ
VP-30	TO-15	31-May-06	ORIG	29	0.023 U	8.5	0.023 U	0.017 U	1.3	--	0.017 U	0.028 U	0.044 U	0.027 U	0.021 U	0.035 U	0.017 U	0.036 U	0.021 U	0.015 U	0.38	0.017 U	0.4	2.7	0.011 UJ
VP-30	TO-15	31-May-06	ORIG	40	0.011 U	0.54	0.011 U	0.0085 U	0.072	--	0.0084 U	0.014 U	0.022 U	0.013 U	0.016	0.017 U	0.0083 U	0.018 U	0.01 U	0.0073 U	0.014 U	0.0083 U	0.011 U	0.29	0.0053 UJ
VP-30	TO-15	31-May-06	ORIG	50	0.023 U	5.7	0.023 U	0.017 U	0.44	--	0.017 U	0.028 U	0.043 U	0.026 U	0.02 U	0.034 U	0.016 U	0.036 U	0.021 U	0.014 U	0.028 U	0.016 U	0.035	2.6	0.011 UJ
VP-30	TO-15	31-May-06	ORIG	60	0.023 U	7.4	0.023 U	0.017 U	0.5	--	0.017 U	0.028 U	0.043 U	0.026 U	0.02 U	0.034 U	0.016 U	0.036 U	0.021 U	0.014 U	0.078	0.016 U	0.077	3.2	0.011 UJ

Notes:
All units are reported in milligrams per cubic meter (mg/m3)
Only chlorinated VOCs detected in one or more soil gas samples are listed
U = Not detected at a concentration greater than the reporting limit shown
J = Estimated concentration
-- = Analyte not reported
TIC = Compound reported as tentatively identified compound (TIC), but not quantified
Sample Type:
ORIG = Primary sample
DUP = Duplicate sample
EPA = Sample collected by EPA
EPAD = Duplicate sample collected by EPA

Table A-9
Omega Chemical Superfund Site
Summary of Soil Gas Analytical Data
Non-Chlorinated Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	1,3-Butadiene	1,4-Dioxane	2,2,4-Trimethyl-pentane	2-Butanone	2-Hexanone	2-Propanol	4-Ethyltoluene	4-Methyl-2-Pentanone	Acetone	Benzene	Carbon Disulfide	Cyclohexane	Ethanol	Ethylbenzene	Heptane	Hexane	m,p-Xylenes	Methyl Tert-Butyl Ether	o-Xylene	Tetrahydro-furan	Toluene	Vinyl Acetate
OW-01B	TO-14	16-Jun-99	ORIG	10	8.353 U	8.354 U	--	--	--	25.644 U	106.466 U	--	8.354 U	35.625 U	20.658 U	5.428 U	27.081 U	--	--	7.381 U	--	--	--	--	--	--	6.401 U	30.62 U
OW-01B	TO-14	16-Jun-99	ORIG	20	17.689 U	17.69 U	--	--	--	53.058 U	221.121 U	--	17.69 U	73.707 U	42.74 U	11.494 U	56.031 U	--	--	15.63 U	--	--	--	--	--	--	13.555 U	63.353 U
OW-01B	TO-14	16-Jun-99	ORIG	30	17.689 U	17.69 U	--	--	--	53.058 U	221.121 U	--	17.69 U	73.707 U	42.74 U	11.494 U	56.031 U	--	--	15.63 U	--	--	--	--	--	--	13.555 U	63.353 U
OW-01B	TO-14	16-Jun-99	ORIG	40	88.447 U	88.454 U	--	--	--	265.29 U	1105.609 U	--	88.454 U	368.536 U	213.704 U	57.473 U	280.155 U	--	--	78.152 U	--	--	--	--	--	--	67.775 U	316.766 U
OW-01B	TO-14	16-Jun-99	ORIG	50	88.447 U	88.454 U	--	--	--	265.29 U	1105.609 U	--	88.454 U	368.536 U	213.704 U	57.473 U	280.155 U	--	--	78.152 U	--	--	--	--	--	--	67.775 U	316.766 U
OW-01B	TO-14	16-Jun-99	ORIG	60	353.789 U	353.818 U	--	--	--	1061.161 U	4504.333 U	--	353.818 U	1474.145 U	854.816 U	229.893 U	1120.621 U	--	--	312.608 U	--	--	--	--	--	--	271.103 U	1267.064 U
SG-01	TO-15	12-Apr-04	ORIG	6	7.4 U	7.4 U	3.3 U	22 U	7 U	4.4 U	25 U	15 U	7.4 U	6.1 U	14 U	4.8 U	4.7 U	5.2 U	11 U	6.5 U	6.1 U	5.3 U	6.5 U	5.4 U	6.5 U	4.4 U	5.6 U	21 U
SG-01	TO-15	12-Apr-04	ORIG	12	0.14 U	0.14 U	0.064 U	0.43 U	0.14 U	0.086 U	0.49 U	0.3 U	0.14 U	0.12 U	0.29 U	0.093 U	0.09 U	0.1 U	0.28 J	0.13 U	0.12 U	0.1 U	0.13 U	0.11 U	0.13 U	0.086 U	0.11 U	0.42 U
SG-01	TO-15	12-Apr-04	DUP	12	0.045 U	0.045 U	0.02 U	0.13 U	0.043 U	0.027 U	0.15 U	0.091 U	0.045 U	0.038 U	0.11	0.029 U	0.029 U	0.032 U	0.23 J	0.04 U	0.038 U	0.032 U	0.0608	0.033 U	0.04 U	0.027 U	0.0346	0.13 U
SG-02	TO-15	12-Apr-04	ORIG	6	7.4 U	7.4 U	3.3 U	22 U	7 U	4.4 U	25 U	15 U	7.4 U	6.1 U	14 U	4.8 U	4.7 U	5.2 U	11 U	6.5 U	6.1 U	5.3 U	6.5 U	5.4 U	6.5 U	4.4 U	5.6 U	21 U
SG-02	TO-15	12-Apr-04	ORIG	12	0.49 U	0.49 U	0.22 U	1.5 U	0.47 U	0.3 U	1.7 U	1 U	0.49 U	0.41 U	0.97 U	0.32 U	0.31 U	0.34 U	0.77 U	0.43 U	0.41 U	0.35 U	0.43 U	0.36 U	0.43 U	0.3 U	0.38 U	1.4 U
SG-03	TO-15	12-Apr-04	EPA	6	0.462 U	0.462 U	--	--	--	--	--	--	--	--	--	0.3 U	--	--	--	0.408 U	--	--	0.825 U	--	0.408 U	--	0.354 U	--
SG-03	TO-15	12-Apr-04	ORIG	6	7.9 U	7.9 U	3.5 U	23 U	7.5 U	4.7 U	26 U	16 U	7.9 U	6.6 U	15 U	5.1 U	5 U	5.5 U	12 U	6.9 U	6.6 U	5.6 U	6.9 U	5.8 U	6.9 U	4.7 U	6 U	23 U
SG-03	TO-15	12-Apr-04	ORIG	12	6.9 U	6.9 U	3.1 U	20 U	6.5 U	4.1 U	23 U	14 U	6.9 U	5.7 U	13 U	4.5 U	4.4 U	4.8 U	11 U	6.1 U	5.7 U	4.9 U	6.1 U	5 U	6.1 U	4.1 U	5.3 U	20 U
SG-04	TO-15	12-Apr-04	ORIG	6	0.74 U	0.74 U	0.33 U	2.2 U	0.7 U	0.44 U	2.5 U	1.5 U	0.74 U	0.61 U	1.4 U	0.48 U	0.47 U	0.52 U	1.1 U	0.65 U	0.61 U	0.53 U	0.65 U	0.54 U	0.65 U	0.44 U	0.57 U	2.1 U
SG-04	TO-15	12-Apr-04	ORIG	12	0.79 U	0.79 U	0.35 U	2.2 U	0.75 U	0.47 U	2.5 U	1.5 U	0.79 U	0.66 U	1.5 U	0.51 U	0.5 U	0.55 U	1.2 U	0.7 U	0.66 U	0.56 U	0.7 U	0.58 U	0.7 U	0.47 U	0.6 U	2.2 U
SG-05	TO-15	12-Apr-04	ORIG	6	6.9 U	6.9 U	3.1 U	20 U	6.5 U	4.1 U	23 U	14 U	6.9 U	5.7 U	13 U	4.5 U	4.4 U	4.8 U	11 U	6.1 U	5.7 U	4.9 U	6.1 U	5 U	6.1 U	4.1 U	5.3 U	20 U
SG-05	TO-15	12-Apr-04	ORIG	12	0.88 U	0.89 U	0.4 U	2.6 U	0.84 U	0.53 U	2.9 U	1.8 U	0.89 U	0.74 U	1.7 U	0.58 U	0.56 U	0.62 U	1.4 U	0.78 U	0.74 U	0.63 U	0.78 U	0.65 U	0.78 U	0.53 U	0.68 U	2.5 U
SG-06	TO-15	12-Apr-04	EPA	12	1.671 U	1.671 U	--	--	--	--	--	--	--	--	--	1.086 U	--	--	--	1.476 U	--	--	2.908 U	--	1.476 U	--	1.28 U	--
SG-06	TO-15	12-Apr-04	ORIG	6	3.4 U	3.4 U	1.5 U	10 U	3.3 U	2.1 U	11 U	6.9 U	3.4 U	2.9 U	6.6 U	2.2 U	2.2 U	2.4 U	5.3 U	3 U	2.9 U	2.5 U	3 U	2.5 U	3 U	2.1 U	2.6 U	9.9 U
SG-06	TO-15	12-Apr-04	ORIG	12	7.9 U	7.9 U	3.5 U	22 U	7.5 U	4.7 U	25 U	15 U	7.9 U	6.6 U	15 U	5.1 U	5 U	5.5 U	12 U	6.9 U	6.6 U	5.6 U	6.9 U	5.8 U	6.9 U	4.7 U	6 U	22 U
SG-06	TO-15	12-Apr-04	DUP	6	3.9 U	3.9 U	1.8 U	12 U	3.7 U	2.4 U	13 U	7.9 U	3.9 U	3.3 U	7.6 U	2.6 U	2.5 U	2.8 U	6 U	3.5 U	3.3 U	2.8 U	3.5 U	2.9 U	3.5 U	2.4 U	3 U	11 U
SG-07	TO-15	11-Nov-04	EPA	24	0.457 U	0.457 U	--	--	--	--	--	--	--	--	--	0.297 U	--	--	--	0.404 U	--	--	0.825 U	--	0.404 U	--	0.35 U	--
SG-07	TO-15	13-Apr-04	ORIG	6	1.8 U	1.8 U	0.8 U	5.4 U	1.7 U	1.1 U	6.1 U	3.7 U	1.8 U	1.5 U	3.6 U	1.1 U	1.1 U	1.2 U	2.8 U	1.6 U	1.5 U	1.3 U	1.6 U	1.3 U	1.6 U	1.1 U	1.4 U	5.3 U
SG-07	TO-15	13-Apr-04	ORIG	12	1.9 U	1.9 U	0.84 U	5.4 U	1.8 U	1.1 U	6.1 U	3.7 U	1.9 U	1.6 U	3.6 U	1.2 U	1.2 U	1.3 U	2.8 U	1.7 U	1.6 U	1.3 U	1.7 U	1.4 U	1.7 U	1.1 U	1.4 U	5.3 U
SG-07	TO-15	11-Nov-04	ORIG	18	0.66 U	0.66 U	0.3 U	1.9 U	0.62 U	0.4 U	2.2 U	1.3 U	0.66 U	0.55 U	1.3 U	0.43 U	0.42 U	0.46 U	1 UJ	0.58 U	0.55 U	0.47 U	0.58 U	0.48 U	0.58 U	0.4 U	0.5 U	--
SG-07	TO-15	11-Nov-04	ORIG	24	0.67 U	0.67 U	0.3 U	2 U	0.64 U	0.4 U	2.2 U	1.3 U	0.67 U	0.56 U	1.3 U	0.43 U	0.42 U	0.47 U	1 UJ	0.59 U	0.56 U	0.48 U	0.59 U	0.49 U	0.59 U	0.4 U	0.51 U	--
SG-08	TO-15	11-Nov-04	EPA	18	10.318 U	10.319 U	--	--	--	--	--	--	--	--	--	6.705 U	--	--	--	9.117 U	--	--	18.235 U	--	9.117 U	--	15.061 J	--
SG-08	TO-15	13-Apr-04	ORIG	6	7.4 U	7.4 U	3.3 U	21 U	7 U	4.4 U	24 U	14 U	7.4 U	6.1 U	14 U	4.8 U	4.7 U	5.2 U	11 U	6.5 U	6.1 U	5.3 U	6.5 U	5.4 U	6.5 U	4.4 U	5.6 U	20 U
SG-08	TO-15	13-Apr-04	ORIG	12	0.034 U	0.034 U	0.016 U	0.1 U	0.033 U	0.021 U	0.12 U	0.069 U	0.034 U	0.029 U	0.067 U	0.022 U	0.022 U	0.024 U	0.053 U	0.03 U	0.029 U	0.025 U	0.03 U	0.025 U	0.03 U	0.021 U	0.026 U	0.099 U
SG-08	TO-15	11-Nov-04	ORIG	18	3.3 U	3.3 U	1.5 U	9.8 U	3.2 U	2 U	11 U	13	3.3 U	2.8 U	6.5 U	2.2 U	4.6	2.3 U	5.1 UJ	3 U	2.8 U	4.7	3 U	2.4 U	3 U	3.8	2.6 U	--
SG-08	TO-15	11-Nov-04	ORIG	24	2.5 U	2.5 U	1.1 U	7.3 U	2.4 U	1.5 U	8.3 U	5 U	2.5 U	2.1 U	4.8 U	1.6 U	1.6 U	1.7 U	3.8 UJ	2.2 U	2.1 U	1.8 U	2.2 U	1.8 U	2.2 U	1.5 U	1.9 U	--
SG-09	TO-15	13-Apr-04	EPA	12	0.432 U	0.432 U	--	--	--	--	--	--	--	--	--	0.281 U	--	--	--	0.382 U	--	--	0.782 U	--	0.382 U	--	0.331 U	--
SG-09	TO-15	11-Nov-04	EPA	18	2.457 U	2.457 U	--	--	--	--	--	--	--	--	--	1.596 U	--	--	--	2.171 U	--	--	4.298 U	--	2.171 U	--	1.883 U	--
SG-09	TO-15	13-Apr-04	ORIG	6	3.6 U	3.6 U	1.6 U	10 U	3.4 U	2.2 U	12 U	7.1 U	3.6 U	3 U	6.9 U	2.3 U	2.3 U	2.5 U	5.5 U	3.2 U	3 U	2.6 U	3.2 U	2.6 U	3.2 U	2.2 U	2.7 U	10 U
SG-09	TO-15	13-Apr-04	ORIG	12	0.84 U	0.84 U	0.38 U	2.5 U	0.79 U	0.5 U	2.8 U	1.7 U	0.84 U	0.7 U	1.6 U	0.54 U	0.53 U	0.59 U	1.3 U	0.74 U	0.7 U	0.6 U	0.74 U	0.61 U	0.74 U	0.5 U	0.64 U	2.4 U
SG-09	TO-15	13-Apr-04	DUP	6	4 U	4 U	1.8 U	12 U	3.8 U	2.4 U	14 U	8.1 U	4 U	3.4 U	7.8 U	2.6 U	2.6 U	2.8 U	6.2 U	3.6 U	3.4 U	2.9 U	3.6 U	3 U	3.6 U	2.4 U	3.1 U	12 U
SG-09	TO-15	11-Nov-04	ORIG	18	2.2 U	2.2 U	1 U	6.5 U	2.1 U	1.3 U	7.4 U	4.4 U	2.2 U	1.8 U	4.3 U	1.4 U	1.4 U	1.6 U	3.4 UJ	2 U	1.8 U	1.6 U	2 U	1.6 U	2 U	1.3 U	1.7 U	--
SG-10	TO-15	11-Nov-04	EPA	18	12.775 U	12.776 U	--	--	--	--	--	--	--	--	--	8.301 U	--	--	--	11.288 U	--	--	22.577 U	--	11.288 U	--	9.789 U	--
SG-10	TO-15	11-Nov-04	EPAD	18	1.278 U	1.278 U	--	--	--	--	--	--	--	--	--	0.83 U	--	--	--	1.129 U	--	--	2.301 U	--	1.129 U	--	0.979 U	--
SG-10	TO-15	13-Apr-04	ORIG	6	3.4 U	3.4 U	1.5 U	10 U	3.3 U	2.1 U	11 U	6.9 U	3.4 U	2.9 U	6.6 U	2.2 U	2.2 U	2.4 U	5.3 U	3 U	2.9 U	2.5 U	3 U	2.5 U	3 U	2.1 U	2.6 U	9.9 U
SG-10	TO-15	13-Apr-04	ORIG	12	0.93 U	0.93 U	0.42 U	2.7 U	0.89 U	0.56 U	3.1 U	1.8 U	0.93 U	0.78 U	1.8 U	0.61 U	0.59 U	0.65 U	1.4 U	0.83 U	0.78 U	0.67 U	0.83 U	0.69 U	0.83 U	0.56 U	0.72 U	2.6 U
SG-10	TO-15	11-Nov-04	ORIG	18	0.86 U	0.86 U	0.38 U	2.5 U	0.81 U	0.51 U	2.8 U	1.7 U	0.86 U	0.71 U	1.6 U	0.56 U	0.54 U	0.6 U	1.3 UJ	0.76 U	0.71 U	0.61 U	0.76 U	0.63 U	0.76 U	0.51 U	0.66 U	--
SG-10	TO-15	11-Nov-04	ORIG	24	0.86 U	0.86 U	0.39 U	2.5 U	0.82 U	0.52 U	2.9 U	1.7 U	0.86 U	0.72 U	1.7 U	0.56 U	0.55 U	0.6 U	1.3 UJ	0.76 U	0.72 U	0.62 U	0.76 U	0.63 U	0.76 U	0.52 U	0.66 U	--
SG-11	TO-15	11-Nov-04	EPA	18	20.146 U	20.147 U	--	--	--	--	--	--	--	--	--	13.091 U	--	--	--	17.801 U	--	--	35.168 U	--	17.801 U	--	15.437 U	--
SG-11	TO-15	13-Apr-04	ORIG	6	7.4 U	7.4 U	3.3 U	22 U	7 U	4.4 U	25 U	15 U	7.4 U	6.1 U	14 U	4.8 U	4.7 U	5.2 U	11 U	6.5 U	6.1 U	5.3 U	6.5 U	5.4 U	6.5 U	4.4 U	5.6 U	21 U
SG-11	TO-15	13-Apr-04	ORIG	12	8.4 U	8.4 U	3.8 U	24 U	7.9 U	5 U	28 U	17 U	8.4 U	7 U	16 U	5.4 U	5.3 U	5.8 U	13 U	7.4 U	7 U	6 U	7.4 U	6.1 U	7.4 U	5 U	6.4 U	24 U
SG-11	TO-15	11-Nov-04	ORIG	18	3.3 U	3.3 U	1.5 U	9.8 U	3.2 U	2 U	11 U	6.7 U	3.3 U	2.8 U	6.5 U	2.2 U	2.1 U	2.3 U	5.1 UJ	3 U	2.8 U	2.4 U	3 U	2.4 U	3 U	2 U	2.6 U	--
SG-11	TO-15	11-Nov-04	ORIG	24	6.7 U	6.7 U	3 U	20 U	6.4 U	4 U	22 U	13 U	6.7 U	5.6 U	13 U	4.3 U	4.2 U	4.7 U	10 UJ	5.9 U	5.6 U	4.8 U	5.9 U	4.9 U	5.9 U	4 U	5.1 U	--
SG-12	TO-15	12-Apr-04	ORIG	6	3.9 U	3.9 U	1.7 U	12 U	3.7 U	2.3 U	13 U	7.9 U	3.9 U	3.2 U	7.6 U	2.5 U	2.5 U	2.7 U	6 U	3.4 U	3.2 U	2.8 U	3.4 U	2.8 U	3.4 U	2.3 U	3 U	11 U
SG-12	TO-15	12-Apr-04	ORIG	12	0.17 U	0.17 U	0.075 U	0.47 U	0.16 U	0.1 U	0.53 U	0.32 U	0.17 U	0.14 U	0.31 U	0.11 U	0.11 U	0.12 U	0.25 U	0.15 U	0.14 U	0.12 U	0.15 U	0.12 U	0.15 U	0.1 U	0.13 U	0.46 U
SG-13	TO-15	11-Nov-04	EPA	12	5.405 U	5.405 U	--	--	--	--	--	--	--	--	--	3.512 U	--	--	--	4.775 U	--	--	9.117 U	--	4.775 U	--	4.141 U	--
SG-13	TO-15	11-Nov-04	ORIG	12	2.2 U	2.2 U	0.99 U	6.4 U	2.1 U	1.3 U	7.3 U	4.4 U	2.2 U	1.8 U	4.2 U	1.4 U	1.4 U	1.5 U	3.4 UJ	1.9 U	1.8 U	1.6 U	1.9 U	1.6 U	1.9 U	1.3 U	1.7 U	--
SG-13	TO-15	11-Nov-04	ORIG	6	0.66 U	0.66 U	0.3 U	1.9 U	0.62 U	0.4 U	2.2 U	1.3 U	0.66 U	0.55 U	1.3 U	0.43 U	0.42 U	0.46 U	1 UJ	0.58 U	0.55 U	0.47 U	0.58 U	0.48 U	0.58 U	0.4 U	0.5 U	--
SG-14	TO-15	11-Nov-04	EPA	6	9.336 U	9.336 U	--	--	--	--	--	--	--	--	--	6.066 U	--	--	--	8.249 U	--	--	16.498 U	--	8.249 U	--	7.154 U	--
SG-14	TO-15	11-Nov-04	ORIG	12	8.1 U	8.1 U	3.6 U	24 U	7.7 U	4.8 U	27 U	16 U	8.1 U	6.7 U	16 U	5.2 U	5.1 U	5.6 U	12 UJ	7.1 U	6.7 U	5.8 U	7.1 U	5.9 U	7.1 U	4.8 U	6.2 U	--
SG-14	TO-15	11-Nov-04	ORIG	6	3.3 U	3.3 U	1.5 U	9.6 U	3.1 U	2 U	11 U	6.6 U	3.3 U	2.7 U	6.4 U	2.1 U	2.1 U	2.3 U	5 UJ	2.9 U	2.7 U	2.4 U	2.9 U	2.4 U	2.9 U	2 U	2.6	--
SG-15	TO-15	11-Nov-04	EPA	12	0.0039 U	0.0039 U	--	--	--	--	--	--	--	--	0.015	0.0029 J	--	--	--	0.0035 U	--	--	0.0074 U	--	0.0035 U	--	0.0075	--
SG-15	TO-15	12-Nov-04	ORIG	12	0.033 U	0.033 U	0.015 U	0.098 U	0.065	0.022	0.11 U	0.067 U	0.033 U	0.028 U	0.43	0.042	0.021 U	0.023 U	0.051 UJ	0.03 U	0.028 U	0.024	0.063	0.024 U	0.03 U	0.02 U	0.12	--
SG-15	TO-15	11-Nov-04	ORIG	6	0.017 U	0.017 U	0.0075 U	0.049 U	0.052	0.01 U	0.056 U	0.033 U	0.017 U	0.014 U	0.18	0.016	0.01 U	0.012 U	0.026 UJ	0.015 U	0.014 U	0.012 U	0.031	0.012 U	0.015 U	0.01 U	0.054	--
SH-1F	TO-15	23-Sep-05	ORIG	--	0.206	0.0786	0.00442 U	0.0036 U	--	0.00295 U	--	--	0.0373	--	0.00237 U	0.0351	0.00311 U	0.0654	--	0.1	0.0819	0.00352 U	0.26	--	0.234	0.0619	0.218	0.00352 U
SH-1I	TO-15	23-Sep-05	ORIG	--	0.0688	0.028	0.00442 U	0.0036 U	--	0.00295 U	--	--	0.029	--	0.00237 U	0.0192	0.00311 U	0.0251	--	0.825	0.0041 U	0.00352 U	4.25	--	2.04	0.0884	0.904	0.00352 U
SH-2F	TO-15	23-Sep-05	ORIG	--	0.0983	0.0364	0.00442 U	0.0036 U	--	0.00295 U	--	--	0.0182	--	0.0641	0.0147	0.00311 U	0.00344 U	--	0.0239	0.0041 U	0.00352 U	0.0695	--	0.0695	0.0156	0.0941	0.00352 U
SH-2I	TO-15	23-Sep-05	ORIG	--	0.334	0.123	0.00442 U	0.0036 U	--	0.162	--	--	0.0639	--	0.736	0.0479	0.00311 U	0.0162	--	0.326	0.0041 U	0.00352 U	0.695	--	0.695	0.056	0.753	0.296
SH-3F	TO-15	23-Sep-05	ORIG	--	0.462	0.177	0.00442 U	0.0036 U	--	0.00295 U	--	--	0.118	--	0.0451	0.0134	0.00311 U	0.00344 U	--	0.191	0.00983	0.00352 U	0.521	--	0.564	0.0472	0.377	0.00352 U
SH-3I	TO-15	23-Sep-05	ORIG	--	0.0884	0.0432	0.00442 U	0.0036 U	--	0.0133	--	--	0.0639	--	0.0617	0.00894	0.00311 U	0.00344 U	--	3.91	0.0041 U	0.00352 U	16.5	--	6.95	0.0165	6.4	0.00352 U
SH-4F	TO-15	23-Sep-05	ORIG	--	0.103 J	0.0388 J	0.00442 U	0.0036 U	--	0.00295 U	--	--	0.0221 J	--	0.00237 U	0.0201 J	0.00311 U	0.00344 U	--	0.0313 J	0.0041 U	0.00352 U	0.0955 J	--	0.104 J	0.0192	0.0753 J	0.00352 U
SH-4F	TO-15	23-Sep-05	DUP	--	0.737 J	0.28 J	0.00442 U	0.0036 U	--	0.00295 U	--	--	0.26 J	--	0.00237 U	0.575 J	0.00311 U	0.516	--	0.695 J	1.19	0.81	0.955 J	--	0.955 J	0.00295 U	6.4 J	0.00352 U
SH-4I	TO-15	23-Sep-05	ORIG	--	0.241	0.0835	0.00442 U	0.0036 U	--	0.00295 U	--	--	0.0477	--	0.522	0.0383	0.00311 U	0.00344 U	--	0.161	0.0041 U	0.00352 U	0.399	--	0.478	0.0383	0.29	0.00352 U
UC-01	TO-15	12-Nov-04	ORIG	2	0.0097	0.0069 U	0.0031 U	0.02 U	0.014	0.0042 U	0.023 U	0.014 U	0.0088	0.0058 U	0.22	0.01	0.0044 U	0.0048 U	0.011 UJ	0.0078	0.0058 U	0.005 U	0.028	0.0051 U	0.011	0.0042 U	0.054	--
UC-02	TO-15	12-Nov-04	ORIG	6	0.033 U	0.033 U	0.015 U	0.098 U	0.036	0.02 U	0.11 U	0.067 U	0.033 U	0.028 U	0.081	0.022 U	0.021 U	0.023 U	0.051 UJ	0.03 U	0.028 U	0.024 U	0.03 U	0.024 U	0.03 U	0.02 U	0.054	--
UC-03	TO-15	12-Nov-04	ORIG	11	0.22 U	0.22 U	0.1 U	0.65 U	0.21 U	0.13 U	0.74 U	0.44 U	0.22 U	0.18 U	0.43 U	0.14 U	0.14 U	0.16 U	0.34 UJ	0.2 U	0.18 U	0.16 U	0.2 U	0.16 U	0.2 U	0.13 U	0.18	--
UC-04B	TO-15	12-Nov-04	ORIG	3	0.015	0.011 U	0.005 U	0.033 U	0.02	0.0076	0.037 U	0.022 U	0.012	0.0093 U	0.15	0.0072 U	0.011	0.0078 U	0.017 UJ	0.0098 U	0.0093 U	0.008 U	0.022	0.0082 U	0.0098 U	0.0067 U	0.034	--
UC-05	TO-15	12-Nov-04	ORIG	9	0.72 U	0.72 U	0.32 U	2.1 U	0.68 U	0.43 U	2.4 U	1.4 U	0.72 U	0.6 U	1.4 U	0.47 U	0.45 U	0.5 U	1.1 UJ	0.63 U	0.6 U	0.51 U	0.63 U	0.53 U	0.63 U	0.43 U	0.55 U	--
UC-06	TO-15	12-Nov-04	ORIG	10	3.5 U	3.5 U	1.6 U	10 U	3.3 U	2.1 U	12 U	6.9 U	3.5 U	2.9 U	6.7 U	2.2 U	2.2 U	2.4 U	5.3 UJ	3.1 U	2.9 U	2.5 U	3.1 U	2.5 U	3.1 U	2.1 U	2.6 U	--
UC-07	TO-15	12-Nov-04	ORIG	11	4.8 U	4.8 U	2.2 U	14 U	4.6 U	2.9 U	16 U	9.6 U	4.8 U	4 U	9.3 U	3.1 U	3 U	3.4 U	7.3 UJ	4.2 U	4 U	3.4 U	4.2 U	3.5 U	4.2 U	2.9 U	3.7 U	--
UC-08	TO-15	12-Nov-04	ORIG	2	1.7 U	1.7 U	0.78 U	5.1 U	1.6 U	1 U	5.8 U	3.5 U	1.7 U	1.4 U	3.3 U	1.1 U	1.1 U	1.2 U	2.6 UJ	1.5 U	1.4 U	1.2 U	1.5 U	1.3 U	1.5 U	1 U	1.3 U	--
UC-09	TO-15	12-Nov-04	ORIG	6	3.6 U	3.6 U	1.6 U	10 U	3.4 U	2.2 U	12 U	7.2 U	3.6 U	3 U	6.9 U	2.3 U	2.3 U	2.5 U	5.5 UJ	3.2 U	3 U	2.6 U	3.2 U	2.6 U	3.2 U	2.2 U	2.8 U	--
UC-10	TO-15	12-Nov-04	ORIG	5	0.0071 U	0.0071 U	0.0032 U	0.021 U	0.057	0.0042 U	0.024 U	0.014 U	0.0071 U	0.0059 U	0.084	0.0083	0.0045 U	0.005 U	0.011 UJ	0.0062 U	0.0059 U	0.011	0.014	0.0052 U	0.0062 U	0.0042 U	0.029	--
UC-11	TO-15	12-Nov-04	ORIG	11	0.84 U	0.84 U	0.38 U	2.4 U	0.79 U	0.5 U	2.8 U	1.7 U	0.84 U	0.7 U	1.6 U	0.54 U	0.53 U	0.58 U	1.3 UJ	0.74 U	0.7 U	0.6 U	0.74 U	0.61 U	0.74 U	0.5 U	0.64 U	--
UC-12	TO-15	12-Nov-04	ORIG	3	0.054 U	0.054 U	0.024 U	0.16 U	0.051 U	0.032 U	0.18 U	0.11 U	0.054 U	0.045 U	0.1 J	0.035 U	0.034 U	0.038 U	0.082 UJ	0.047 U	0.045 U	0.038 U	0.047 U	0.039 U	0.047 U	0.032 U	0.041 U	--
VP-01	TO-15	19-Aug-05	ORIG	6	2.7 U	1.3 U	--	--	--	1.6 U	2.3 U	--	1.3 U	2.3 U	6.6	0.86 U	9	--	--	1.2 U	--	--	2.4 U	4 U	1.2 U	--	1 U	1.9 U
VP-01	TO-15	19-Aug-05	ORIG	12	1.6 U	0.79 U	--	--	--	0.94 U	1.3 U	--	0.79 U	1.3 U	3.3	0.51 U	3.4	--	--	0.7 U	--	--	1.4 U	2.3 U	0.7 U	--	0.68	1.1 U

Table A-9
Omega Chemical Superfund Site
Summary of Soil Gas Analytical Data
Non-Chlorinated Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	1,3-Butadiene	1,4-Dioxane	2,2,4-Trimethyl-pentane	2-Butanone	2-Hexanone	2-Propanol	4-Ethyltoluene	4-Methyl-2-Pentanone	Acetone	Benzene	Carbon Disulfide	Cyclohexane	Ethanol	Ethylbenzene	Heptane	Hexane	m,p-Xylenes	Methyl Tert-Butyl Ether	o-Xylene	Tetrahydro-furan	Toluene	Vinyl Acetate
VP-01	TO-15	19-Aug-05	ORIG	18	1.9 U	0.93 U	--	--	--	1.2 U	1.6 U	--	0.93 U	1.6 U	3.3	0.61 U	4	--	--	0.82 U	--	--	1.7 U	2.8 U	0.82 U	--	0.72 U	1.4 U
VP-01	TO-15	19-Aug-05	ORIG	24	2.2 U	1.1 U	--	--	--	1.3 U	1.8 U	--	1.1 U	1.8 U	4.5	0.73 U	4.4	--	--	1 U	--	--	2 U	3.3 U	1 U	--	0.87 U	1.6 U
VP-01	TO-15	19-Aug-05	ORIG	40	1.7 U	0.84 U	--	--	--	1 U	1.4 U	--	0.84 U	1.4 U	3.3	0.54 U	3.4	--	--	0.74 U	--	--	1.5 U	2.5 U	0.74 U	--	0.64 U	1.2 U
VP-01	TO-15	19-Aug-05	ORIG	50	1.6 U	0.79 U	--	--	--	0.94 U	1.3 U	--	0.79 U	1.3 U	3.3	0.51 U	3.1	--	--	0.7 U	--	--	1.4 U	2.3 U	0.7 U	--	0.6 U	1.1 U
VP-01	TO-15	19-Aug-05	ORIG	60	2 U	0.98 U	--	--	--	1.2 U	1.7 U	--	0.98 U	1.7 U	4	0.64 U	3.4	--	--	0.87 U	--	--	1.8 U	2.9 U	0.87 U	--	0.75 U	1.4 U
VP-01	TO-15	19-Aug-05	DUP	70	1.8 U	0.88 U	--	--	--	1.1 U	1.5 U	--	0.88 U	1.5 U	3.6 J	0.58 U	2.8 J	--	--	0.78 U	--	--	1.6 U	2.6 U	0.78 U	--	0.68 U	1.3 U
VP-01	TO-15	19-Aug-05	ORIG	70	2.5 U	1.2 U	--	--	--	1.5 U	2 U	--	1.2 U	2 U	5.2 J	0.8 U	4.4 J	--	--	1.1 U	--	--	2.2 U	3.6 U	1.1 U	--	0.94 U	1.8 U
VP-02	TO-15	22-Aug-05	ORIG	6	2.4 U	1.2 U	--	--	--	1.4 U	2 U	--	1.2 U	2 U	8.1	0.77 U	5.6	--	--	1 U	--	--	2.1 U	3.5 U	1 U	--	0.9 U	1.7 U
VP-02	TO-15	22-Aug-05	ORIG	12	1.6 U	0.79 U	--	--	--	0.94 U	1.3 U	--	0.79 U	1.3 U	5.9	0.51 U	4.7	--	--	0.7 U	--	--	1.4 U	2.3 U	0.7 U	--	0.64	1.1 U
VP-02	TO-15	22-Aug-05	ORIG	18	1.5 U	0.74 U	--	--	--	0.88 U	1.2 U	--	0.74 U	1.2 U	6.6	0.48 U	4	--	--	0.65 U	--	--	1.3 U	2.2 U	0.65 U	--	0.72	1.1 U
VP-02	TO-15	22-Aug-05	ORIG	24	1.5 U	0.74 U	--	--	--	0.88 U	1.2 U	--	0.74 U	1.2 U	6.2	0.48 U	4.7	--	--	0.65 U	--	--	1.3 U	2.2 U	0.65 U	--	0.72	1.1 U
VP-02	TO-15	22-Aug-05	ORIG	40	5.4 U	2.7 U	--	--	--	3.2 U	4.5 U	--	2.7 U	4.5 U	24	1.7 U	24	--	--	2.3 U	--	--	4.8 U	7.6 U	2.3 U	--	2 U	3.9 U
VP-02	TO-15	22-Aug-05	ORIG	50	6.4 U	3.2 U	--	--	--	3.8 U	5.3 U	--	3.2 U	5.3 U	24	2.1 U	28	--	--	2.9 U	--	--	5.6 U	9.4 U	2.9 U	--	2.5 U	4.6 U
VP-02	TO-15	22-Aug-05	DUP	60	5.9 U	2.9 U	--	--	--	3.5 U	4.9 U	--	2.9 U	4.9 U	31	1.9 U	26	--	--	2.6 U	--	--	5.2 U	8.6 U	2.6 U	--	2.3 U	4.2 U
VP-02	TO-15	22-Aug-05	ORIG	60	6.9 U	3.4 U	--	--	--	4.1 U	5.7 U	--	3.4 U	5.7 U	38	2.2 U	29	--	--	3 U	--	--	6.1 U	10 U	3 U	--	2.8	4.9 U
VP-02	TO-15	22-Aug-05	ORIG	70	2.5 U	1.2 U	--	--	--	1.5 U	2 U	--	1.2 U	2 U	10	0.8 U	9.3	--	--	1.1 U	--	--	2.2 U	3.6 U	1.1 U	--	0.94 U	1.8 U
VP-03	TO-15	18-Aug-05	ORIG	6	0.84 U	0.41 U	--	--	--	0.5 U	0.7 U	--	0.41 U	0.7 U	0.4 U	0.35	1.3	--	--	0.37 U	--	--	0.74 U	1.2 U	0.37 U	--	0.32 U	0.6 U
VP-03	TO-15	18-Aug-05	DUP	12	2.4 U	1.2 U	--	--	--	1.4 U	2 U	--	1.2 U	2 U	14	1.2 J	16 J	--	--	1 U	--	--	2.1 U	3.5 U	1 U	--	0.9 U	1.7 U
VP-03	TO-15	18-Aug-05	ORIG	12	0.93 U	0.47 U	--	--	--	0.56 U	0.78 U	--	0.47 U	0.78 U	0.45 U	0.8 J	2.7 J	--	--	0.42 U	--	--	0.82 U	1.4 U	0.42 U	--	0.36 U	0.67 U
VP-03	TO-15	18-Aug-05	ORIG	18	2.1 U	1.1 U	--	--	--	1.3 U	1.8 U	--	1.1 U	1.8 U	6.6	3.8	5.6	--	--	0.96 U	--	--	1.9 U	3.1 U	0.96 U	--	0.83 U	1.5 U
VP-03	TO-15	18-Aug-05	ORIG	24	1.6 U	0.79 U	--	--	--	0.94 U	1.3 U	--	0.79 U	1.3 U	0.76 U	1.1	3.7	--	--	0.7 U	--	--	1.4 U	2.3 U	0.7 U	--	0.6 U	1.1 U
VP-03	TO-15	18-Aug-05	ORIG	40	0.15 U	0.074 U	--	--	--	0.088 U	0.12 U	--	0.074 U	0.12 U	1.1	0.3	0.59	--	--	0.065 U	--	--	0.13 U	0.22 U	0.065 U	--	0.056	0.11 U
VP-03	TO-15	18-Aug-05	ORIG	50	0.16 U	0.079 U	--	--	--	0.094 U	0.13 U	--	0.079 U	0.13 U	0.076 U	0.35	0.34	--	--	0.069 U	--	--	0.14 U	0.23 U	0.069 U	--	0.075	0.11 U
VP-03	TO-15	22-Aug-05	ORIG	60	4.7 U	2.4 U	--	--	--	2.8 U	3.9 U	--	2.4 U	3.9 U	17	4.5	16	--	--	2.1 U	--	--	4.1 U	6.8 U	2.1 U	--	1.9	3.3 U
VP-03	TO-15	19-Aug-05	ORIG	70	1.8 U	0.88 U	--	--	--	1.1 U	1.5 U	--	0.88 U	1.5 U	5	1.5	5	--	--	0.78 U	--	--	1.6 U	2.6 U	0.78 U	--	0.68 U	1.3 U
VP-04	TO-15	22-Aug-05	ORIG	6	3.9 U	1.9 U	--	--	--	2.3 U	3.2 U	--	1.9 U	3.2 U	7.4	1.4	10	--	--	1.7 U	--	--	3.4 U	5.8 U	1.7 U	--	1.5 U	2.8 U
VP-04	TO-15	22-Aug-05	ORIG	12	0.24 U	0.12 U	--	--	--	0.14 U	0.2 U	--	0.12 U	0.2 U	0.69	0.96	0.075 U	--	--	0.1 U	--	--	0.21 U	0.35 U	0.1 U	--	0.37	0.17 U
VP-04	TO-15	22-Aug-05	ORIG	18	2.3 U	1.1 U	--	--	--	1.4 U	1.9 U	--	1.1 U	1.9 U	5.2	0.89	3.7	--	--	1 U	--	--	2 U	3.3 U	1 U	--	0.87	1.6 U
VP-04	TO-15	22-Aug-05	ORIG	24	1.2 U	0.59 U	--	--	--	0.71 U	0.98 U	--	0.59 U	0.98 U	2.8	0.38 U	1.8	--	--	0.52 U	--	--	1 U	1.7 U	0.52 U	--	0.45 U	0.84 U
VP-04	TO-15	22-Aug-05	DUP	40	3.5 U	1.8 U	--	--	--	2.1 U	2.9 U	--	1.8 U	2.9 U	8.3	2	8.4 J	--	--	1.6 U	--	--	3.1 U	5 U	1.6 U	--	1.4	2.5 U
VP-04	TO-15	22-Aug-05	ORIG	40	3 U	1.5 U	--	--	--	1.8 U	2.7	--	1.5 U	2.5 U	8.3	1.7	11 J	--	--	1.3 U	--	--	2.7 U	4.3 U	1.3 U	--	1.2	2.2 U
VP-04	TO-15	22-Aug-05	ORIG	50	1.9 U	0.93 U	--	--	--	1.1 U	1.6 U	--	0.93 U	1.6 U	6.2	1.3	7.5	--	--	0.82 U	--	--	1.7 U	2.7 U	0.82 U	--	0.72 U	1.3 U
VP-04	TO-15	22-Aug-05	ORIG	60	3.6 U	1.8 U	--	--	--	2.2 U	3 U	--	1.8 U	3 U	8.5	1.9	8.1	--	--	1.6 U	--	--	3.2 U	5.4 U	1.6 U	--	1.4 U	2.6 U
VP-04	TO-15	22-Aug-05	ORIG	70	6.9 U	3.4 U	--	--	--	4.1 U	5.7 U	--	3.4 U	5.7 U	26	4.5	44	--	--	3 U	--	--	6.1 U	10 U	3 U	--	2.6 U	4.9 U
VP-05	TO-15	17-Aug-05	ORIG	6	2 U	0.98 U	--	--	--	1.2 U	1.7 U	--	0.98 U	1.7 U	8.3	2.1	12	--	--	0.87 U	--	--	1.8 U	2.9 U	0.87 U	--	1.2	1.4 U
VP-05	TO-15	17-Aug-05	ORIG	12	1.6 U	0.79 U	--	--	--	0.94 U	1.3 U	--	0.79 U	1.3 U	5	2.3	5.3	--	--	0.7 U	--	--	1.4 U	2.3 U	0.7 U	--	0.6 U	1.1 U
VP-05	TO-15	17-Aug-05	DUP	18	1.1 U	0.59 U	--	--	--	0.68 U	0.94 U	--	0.59 U	0.94 U	4	2.2	4	--	--	0.52 U	--	--	1 U	1.7 U	0.52 U	--	0.6	0.81 U
VP-05	TO-15	17-Aug-05	ORIG	18	1.2 U	0.59 U	--	--	--	0.71 U	0.98 U	--	0.59 U	0.98 U	4.5	2.7	3.4	--	--	0.52 U	--	--	1 U	1.7 U	0.52 U	--	0.64	0.84 U
VP-05	TO-15	17-Aug-05	ORIG	24	0.59 U	0.31 U	--	--	--	0.35 U	0.49 U	--	0.31 U	0.49 U	2.2	1.2	2	--	--	0.27 U	--	--	0.52 U	0.9 U	0.27 U	--	0.49	0.42 U
VP-05	TO-15	17-Aug-05	ORIG	40	3.1 U	1.6 U	--	--	--	1.9 U	2.6 U	--	1.6 U	2.6 U	11	8	16	--	--	1.4 U	--	--	2.7 U	4.7 U	1.4 U	--	1.3	2.2 U
VP-06	TO-15	16-Aug-05	ORIG	6	0.79 U	0.38 U	--	--	--	0.47 U	0.66 U	--	0.38 U	0.66 U	1.8	0.29	1.3	--	--	0.34 U	--	--	0.7 U	1.1 U	0.34 U	--	0.29 U	0.56 U
VP-06	TO-15	16-Aug-05	ORIG	12	0.74 U	0.36 U	--	--	--	0.44 U	0.61 U	--	0.36 U	0.61 U	5.5	0.25	6.8	--	--	0.32 U	--	--	0.65 U	1.1 U	0.32 U	--	0.31	0.53 U
VP-06	TO-15	16-Aug-05	ORIG	18	0.98 U	0.48 U	--	--	--	0.59 U	0.82 U	--	0.48 U	0.82 U	3.1	0.8	2.5	--	--	0.43 U	--	--	0.87 U	1.4 U	0.43 U	--	0.37 U	0.7 U
VP-06	TO-15	16-Aug-05	ORIG	24	0.4 U	0.2 U	--	--	--	0.24 U	0.34 U	--	0.2 U	0.34 U	1.8	0.26	1.5	--	--	0.18 U	--	--	0.36 U	0.58 U	0.18 U	--	0.15 U	0.29 U
VP-06	TO-15	16-Aug-05	ORIG	40	0.41 U	0.21 U	--	--	--	0.25 U	0.34 U	--	0.21 U	0.34 U	2.6	0.16	2.1	--	--	0.18 U	--	--	0.37 U	0.61 U	0.18 U	--	0.22	0.3 U
VP-06	TO-15	16-Aug-05	ORIG	50	0.98 U	0.49 U	--	--	--	0.59 U	0.82 U	--	0.49 U	0.82 U	6.4	0.96	5	--	--	0.43 U	--	--	0.87 U	1.4 U	0.43 U	--	0.41	0.7 U
VP-06	TO-15	16-Aug-05	DUP	60	2 U	0.98 U	--	--	--	1.2 U	1.6 U	--	0.98 U	1.6 U	5.5	0.64 U	5.6	--	--	0.87 U	--	--	1.7 U	2.9 U	0.87 U	--	0.75 U	1.4 U
VP-06	TO-15	16-Aug-05	ORIG	60	1.7 U	0.84 U	--	--	--	1 U	1.4 U	--	0.84 U	1.4 U	4.5	0.54 U	5.3	--	--	0.74 U	--	--	1.5 U	2.4 U	0.74 U	--	0.64 U	1.2 U
VP-06	TO-15	16-Aug-05	ORIG	70	7.4 U	3.6 U	--	--	--	4.4 U	6.1 U	--	3.6 U	6.1 U	22	5.1	21	--	--	3.2 U	--	--	6.5 U	10 U	3.2 U	--	2.7 U	5.3 U
VP-07	TO-15	15-Aug-05	ORIG	6	0.15 U	0.074 U	--	--	--	0.091 U	0.13 U	--	0.074 U	0.13 U	0.36	0.15	0.047 U	--	--	0.065 U	--	--	0.14 U	0.22 U	0.065 U	--	0.12	0.11 U
VP-07	TO-15	15-Aug-05	ORIG	12	0.15 U	0.074 U	--	--	--	0.091 U	0.13 U	--	0.074 U	0.13 U	0.33	0.23	0.047 U	--	--	0.065 U	--	--	0.14 U	0.22 U	0.065 U	--	0.072	0.11 U
VP-07	TO-15	15-Aug-05	ORIG	18	1.5 U	0.74 U	--	--	--	0.88 U	1.2 U	--	0.74 U	1.2 U	6.4	0.48 U	7.2	--	--	0.65 U	--	--	1.3 U	2.1 U	0.65 U	--	0.57 U	1.1 U
VP-07	TO-15	15-Aug-05	ORIG	24	0.15 U	0.074 U	--	--	--	0.091 U	0.13 U	--	0.074 U	0.13 U	0.36	0.19	0.047 U	--	--	0.065 U	--	--	0.14 U	0.22 U	0.065 U	--	0.24	0.11 U
VP-07	TO-15	15-Aug-05	DUP	40	0.16 U	0.079 U	--	--	--	0.094 U	0.13 U	--	0.079 U	0.13 U	0.076 U	0.18 J	0.05 U	--	--	0.069 U	--	--	0.14 U	0.23 U	0.069 U	--	0.06 U	0.11 U
VP-07	TO-15	15-Aug-05	ORIG	40	1.3 U	0.69 U	--	--	--	0.8 U	1.1 U	--	0.69 U	1.1 U	4.3	0.48 J	5.9	--	--	0.61 U	--	--	1.2 U	1.9 U	0.61 U	--	0.53	0.95 U
VP-08	TO-15	19-Aug-05	ORIG	6	7.4 U	3.8 U	--	--	--	4.4 U	6.1 U	--	3.8 U	6.1 U	21	2.5 U	26	--	--	3.3 U	--	--	6.5 U	11 U	3.3 U	--	2.9 U	5.3 U
VP-08	TO-15	19-Aug-05	ORIG	12	3.2 U	1.6 U	--	--	--	1.9 U	2.7 U	--	1.6 U	2.7 U	11	1 U	16	--	--	1.4 U	--	--	2.8 U	4.7 U	1.8	--	1.8	2.3 U
VP-08	TO-15	19-Aug-05	ORIG	18	4.7 U	2.3 U	--	--	--	2.8 U	3.9 U	--	2.3 U	3.9 U	14	1.5 U	17	--	--	2 U	--	--	4.1 U	6.8 U	3.5	--	2.5	3.3 U
VP-08	TO-15	19-Aug-05	ORIG	24	0.69 U	0.35 U	--	--	--	0.41 U	0.57 U	--	0.35 U	0.57 U	3.1	0.28	4	--	--	0.31 U	--	--	0.61 U	1.1 U	0.31 U	--	0.53	0.49 U
VP-08	TO-15	19-Aug-05	ORIG	40	0.98 U	0.49 U	--	--	--	0.59 U	0.82 U	--	0.49 U	0.82 U	4.3	0.86	4	--	--	0.43 U	--	--	0.87 U	1.5 U	0.43 U	--	0.75	0.7 U
VP-08	TO-15	19-Aug-05	ORIG	50	1.4 U	0.69 U	--	--	--	0.85 U	1.2 U	--	0.69 U	1.2 U	5.2	1.2	5	--	--	0.61 U	--	--	1.3 U	2.1 U	0.61 U	--	0.83	1 U
VP-08	TO-15	19-Aug-05	ORIG	60	5.4 U	2.8 U	--	--	--	3.2 U	4.5 U	--	2.8 U	4.5 U	16	1.8 U	16	--	--	2.4 U	--	--	4.8 U	7.9 U	2.9	--	3.1	3.9 U
VP-08	TO-15	19-Aug-05	ORIG	70	4.6 U	2.3 U	--	--	--	2.7 U	3.8 U	--	2.3 U	3.8 U	19	1.5 U	25	--	--	2 U	--	--	4 U	6.8 U	2 U	--	3	3.3 U
VP-09	TO-15	16-Aug-05	ORIG	6	0.27 U	0.14 U	--	--	--	0.16 U	0.23 U	--	0.14 U	0.23 U	1.5	0.089 U	0.87	--	--	0.12 U	--	--	0.24 U	0.4 U	0.12 U	--	0.12	0.19 U
VP-09	TO-15	16-Aug-05	ORIG	12	0.44 U	0.22 U	--	--	--	0.26 U	0.36 U	--	0.22 U	0.36 U	3.3	0.14 U	1.7	--	--	0.19 U	--	--	0.39 U	0.65 U	0.19 U	--	0.19	0.31 U
VP-09	TO-15	16-Aug-05	ORIG	18	0.38 U	0.19 U	--	--	--	0.23 U	0.32 U	--	0.19 U	0.32 U	2.8	0.13 U	1.4	--	--	0.17 U	--	--	0.33 U	0.54 U	0.17 U	--	0.15	0.27 U
VP-09	TO-15	16-Aug-05	DUP	24	0.59 U	0.29 U	--	--	--	0.35 U	0.49 U	--	0.29 U	0.49 U	2.6 J	0.19 U	1.7	--	--	0.26 U	--	--	0.52 U	0.86 U	0.26 U	--	0.22 U	0.42 U
VP-09	TO-15	16-Aug-05	ORIG	24	0.47 U	0.24 U	--	--	--	0.28 U	0.39 U	--	0.24 U	0.39 U	3.8 J	0.15 U	1.8	--	--	0.21 U	--	--	0.42 U	0.69 U	0.21 U	--	0.18	0.34 U
VP-09	TO-15	16-Aug-05	ORIG	40	0.88 U	0.43 U	--	--	--	0.53 U	0.74 U	--	0.43 U	0.74 U	6.6	0.28 U	4	--	--	0.38 U	--	--	0.78 U	1.3 U	0.38 U	--	0.41	0.63 U
VP-09	TO-15	16-Aug-05	DUP	50	1.3 U	0.69 U	--	--	--	0.8 U	1.1 U	--	0.69 U	1.1 U	7.4	0.45 U	7.2	--	--	0.61 U	--	--	1.2 U	1.9 U	0.61 U	--	0.53 U	0.95 U
VP-09	TO-15	16-Aug-05	ORIG	50	1.5 U	0.74 U	--	--	--	0.91 U	1.3 U	--	0.74 U	1.3 U	9.7	0.48 U	7.2	--	--	0.65 U	--	--	1.3 U	2.2 U	0.65 U	--	0.57 U	1.1 U
VP-09	TO-15	16-Aug-05	ORIG	60	1.5 U	0.74 U	--	--	--	0.91 U	1.3 U	--	0.74 U	1.3 U	11	0.48 U	11	--	--	0.65 U	--	--	1.3 U	2.2 U	0.65 U	--	0.6	1.1 U
VP-09	TO-15	16-Aug-05	DUP	70	2 U	0.98 U	--	--	--	1.2 U	1.6 U	--	0.98 U	1.6 U	7.1 J	0.64 U	7.2 J	--	--	0.87 U	--	--	1.7 U	2.8 U	0.87 U	--	0.75 U	1.4 U
VP-09	TO-15	16-Aug-05	ORIG	70	2.3 U	1.1 U	--	--	--	1.4 U	1.9 U	--	1.1 U	1.9 U	14 J	0.73 U	11 J	--	--	1 U	--	--	2 U	3.3 U	1 U	--	0.87 U	1.6 U
VP-10	TO-15	15-Aug-05	ORIG	6	1.6 U	0.84 U	--	--	--	0.97 U	1.4 U	--	0.84 U	1.4 U	5.7	0.54 U	6.5	--	--	0.74 U	--	--	1.4 U	2.4 U	0.74 U	--	0.64 U	1.2 U
VP-10	TO-15	15-Aug-05	ORIG	12	2 U	0.98 U	--	--	--	1.2 U	1.6 U	--	0.98 U	1.6 U	4.3	0.64 U	3.1	--	--	0.87 U	--	--	1.7 U	2.9 U	0.87 U	--	0.75 U	1.4 U
VP-10	TO-15	15-Aug-05	ORIG	18	1.9 U	0.93 U	--	--	--	1.1 U	1.6 U	--	0.93 U	1.6 U	4.5	0.61 U	4.7	--	--	0.82 U	--	--	1.7 U	2.7 U	0.82 U	--	0.72 U	1.3 U
VP-10	TO-15	15-Aug-05	ORIG	24	1.1 U	0.54 U	--	--	--	0.65 U	0.9 U	--	0.54 U	0.9 U	3.1	0.35 U	1.8	--	--	0.48 U	--	--	0.96 U	1.6 U	0.48 U	--	0.41 U	0.77 U
VP-10	TO-15	15-Aug-05	ORIG	40	0.0079 U	0.0039 U	--	--	--	0.0047 U	0.0066 U	--	0.0039 U	0.0066 U	0.033	0.0026 U	0.0025 U	--	--	0.0035 U	--	--	0.0069 U	0.012 U	0.0035 U	--	0.0068	0.0056 U
VP-11	TO-15	15-Aug-05	ORIG	6	0.28 U	0.14 U	--	--	--	0.17 U	0.23 U	--	0.14 U	0.23 U	1.2	0.15	0.087 U	--	--	0.12 U	--	--	0.61	0.4 U	0.3	--	0.41	0.2 U
VP-11	TO-15	15-Aug-05	ORIG	12	0.12 U	0.059 U	--	--	--	0.071 U	0.098 U	--	0.059 U	0.098 U	0.43	0.048	0.037 U	--	--	0.052 U	--	--	0.1 U	0.17 U	0.052 U	--	0.06	0.084 U
VP-11	TO-15	15-Aug-05	ORIG	18	0.13 U	0.064 U	--	--	--	0.077 U	0.11 U	--	0.064 U	0.11 U	0.45	0.042 U	0.04 U	--	--	0.056 U	--	--	0.11 U	0.19 U	0.056 U	--	0.06	0.092 U
VP-11	TO-15	15-Aug-05	ORIG	24	0.23 U	0.11 U	--	--	--	0.14 U	0.19 U	--	0.11 U	0.19 U	0.29	0.073 U	0.072 U	--	--	0.1 U	--	--	0.2 U	0.34 U	0.1 U	--	0.15	0.17 U
VP-11	TO-15	15-Aug-05	ORIG	40	1.5 U	0.74 U	--	--	--	0.88 U	1.2 U	--	0.74 U	1.2 U	3.1	0.48 U	3.1	--	--	0.65 U	--	--	1.3 U	2.2 U	0.65 U	--	0.57 U	1.1 U

Table A-9
Omega Chemical Superfund Site
Summary of Soil Gas Analytical Data
Non-Chlorinated Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,3-Butadiene	1,4-Dioxane	2,2,4-Trimethylpentane	2-Butanone	2-Hexanone	2-Propanol	4-Ethyltoluene	4-Methyl-2-Pentanone	Acetone	Benzene	Carbon Disulfide	Cyclohexane	Ethanol	Ethylbenzene	Heptane	Hexane	m,p-Xylenes	Methyl Tert-Butyl Ether	o-Xylene	Tetrahydrofuran	Toluene	Vinyl Acetate
VP-11	TO-15	15-Aug-05	ORIG	50	0.21 U	0.11 U	--	--	--	0.13 U	0.18 U	--	0.11 U	0.18 U	0.93	0.093	0.068 U	--	--	0.095 U	--	--	0.38	0.31 U	0.18	--	0.31	0.15 U
VP-11	TO-15	15-Aug-05	ORIG	60	0.23 U	0.13	--	--	--	0.14 U	0.19 U	--	0.11 U	0.19 U	0.9	0.23	0.072 U	--	--	0.1 U	--	--	0.7	0.34 U	0.34	--	0.41	0.17 U
VP-11	TO-15	15-Aug-05	ORIG	70	0.0079 U	0.0038 U	--	--	--	0.005	0.0066 U	--	0.0038 U	0.0066 U	0.024	0.0025 U	0.0024 U	--	--	0.0034 U	--	--	0.0069 U	0.011 U	0.0034 U	--	0.0048	0.0056 U
VP-12	TO-15	17-Aug-05	ORIG	6	0.12 U	0.059 U	--	--	--	0.071 U	0.098 U	--	0.059 U	0.098 U	0.88	0.044	0.37	--	--	0.052 U	--	--	0.1 U	0.17 U	0.052 U	--	0.15	0.084 U
VP-12	TO-15	17-Aug-05	ORIG	12	0.064 U	0.031 U	--	--	--	0.038 U	0.053 U	--	0.031 U	0.053 U	0.45	0.038	0.02 U	--	--	0.027 U	--	--	0.082	0.09 U	0.029	--	0.15	0.046 U
VP-12	TO-15	17-Aug-05	ORIG	18	0.064 U	0.032 U	--	--	--	0.038 U	0.053 U	--	0.032 U	0.053 U	0.4	0.048	0.02 U	--	--	0.028 U	--	--	0.065	0.094 U	0.028 U	--	0.16	0.046 U
VP-12	TO-15	17-Aug-05	ORIG	24	0.079 U	0.038 U	--	--	--	0.047 U	0.066 U	--	0.038 U	0.066 U	0.55	0.044	0.25	--	--	0.034 U	--	--	0.069 U	0.11 U	0.034 U	--	0.13	0.056 U
VP-12	TO-15	18-Aug-05	ORIG	40	0.3 U	0.15 U	--	--	--	0.18 U	0.25 U	--	0.15 U	0.25 U	1.5	0.15	0.9	--	--	0.13 U	--	--	0.26 U	0.43 U	0.13 U	--	0.19	0.21 U
VP-12	TO-15	17-Aug-05	ORIG	50	0.37 U	0.19 U	--	--	--	0.22 U	0.31 U	--	0.19 U	0.31 U	1.2	0.16	0.65	--	--	0.17 U	--	--	0.33 U	0.54 U	0.17 U	--	0.31	0.26 U
VP-12	TO-15	17-Aug-05	ORIG	60	0.4 U	0.2 U	--	--	--	0.24 U	0.34 U	--	0.2 U	0.34 U	1.5	0.31	0.84	--	--	0.18 U	--	--	0.36 U	0.58 U	0.18 U	--	0.53	0.29 U
VP-12	TO-15	17-Aug-05	ORIG	70	2 U	0.98 U	--	--	--	1.2 U	1.6 U	--	0.98 U	1.6 U	5	0.64 U	6.2	--	--	0.87 U	--	--	1.7 U	2.8 U	0.87 U	--	0.87	1.4 U
VP-13	TO-15	12-Dec-05	ORIG	8	1.1 U	1.1 U	0.5 U	3.2 U	1.5	0.66 U	3.7 U	2.2 UJ	1.1 U	0.92 U	2.1 U	0.72 U	0.7 U	0.95	1.7 UJ	0.97 U	0.92 U	2.2	0.97 U	0.81 U	0.97 U	0.66 U	0.84 U	--
VP-13	TO-15	12-Dec-05	ORIG	20	0.17 U	0.17 U	0.076 U	0.5 U	0.16 U	0.1 U	0.57 U	0.34 UJ	0.17 U	0.14 U	0.5	0.11 U	0.11 U	0.12 U	0.26 UJ	0.15 U	0.14 U	0.14	0.15 U	0.12 U	0.15 U	0.1 U	0.18	--
VP-13	TO-15	12-Dec-05	ORIG	29	4.5 U	4.5 U	2 U	13 U	4.3 U	2.7 U	15 U	37 J	4.5 U	3.7 U	8.7 U	2.9 U	2.8 U	3.1 U	6.9 UJ	4 U	3.7 U	3.2 U	4 U	3.3 U	4 U	2.7 U	12	--
VP-13	TO-15	12-Dec-05	ORIG	40	0.34 U	0.34 U	0.15 U	0.99 U	0.5	0.2 U	1.1 U	0.68 UJ	0.34 U	0.28 U	0.66 U	0.22 U	0.21 U	0.31	0.52 UJ	0.3 U	0.28 U	0.59	0.3 U	0.25 U	0.3 U	0.2 U	0.26 U	--
VP-13	TO-15	12-Dec-05	ORIG	56	2.1 U	2.1 U	0.94 U	6.1 U	2 U	1.2 U	7 U	29 J	2.1 U	1.7 U	4 U	1.4 U	2.4	1.5 U	3.2 UJ	1.8 U	1.7 U	1.5 U	1.8 U	1.5 U	1.8 U	1.2 U	7.2	--
VP-14	TO-15	15-Dec-05	ORIG	12	0.59 U	0.59 U	0.27 U	1.7 U	0.56 U	0.36 U	2 U	1.2 UJ	0.59 U	0.49 U	1.1 U	0.38 U	0.38 U	0.41 U	0.91 UJ	0.52 U	0.49 U	0.42 U	0.52 U	0.43 U	0.52 U	0.36 U	0.45 U	--
VP-14	TO-15	15-Dec-05	ORIG	29	3.8 U	3.8 U	1.7 U	11 U	3.6 U	2.3 U	13 U	7.6 UJ	3.8 U	3.2 U	7.4 U	2.5 U	2.4 U	2.7 U	5.8 UJ	3.4 U	3.2 U	2.7 U	3.4 U	2.8 U	3.4 U	2.3 U	2.9 U	--
VP-14	TO-15	15-Dec-05	ORIG	35	4 U	4 U	1.8 U	12 U	3.8 U	2.4 U	14 U	8.1 UJ	4 U	3.4 U	7.8 U	2.6 U	2.6 U	2.8 U	6.2 UJ	3.6 U	3.4 U	2.9 U	3.6 U	3 U	3.6 U	2.4 U	3.1 U	--
VP-14	TO-15	15-Dec-05	DUP	44	6.3 U	6.3 U	2.8 U	18 U	6 U	3.8 U	21 U	13 UJ	6.3 U	5.3 U	12 U	4.1 U	4 U	4.4 U	9.7 UJ	5.6 U	5.3 U	4.5 U	5.6 U	4.6 U	5.6 U	3.8 U	4.9 U	--
VP-14	TO-15	15-Dec-05	ORIG	44	5.8 U	5.8 U	2.6 U	17 U	5.6 U	3.5 U	19 U	12 UJ	5.8 U	4.9 U	11 U	3.8 U	3.7 U	4.1 U	9 UJ	5.2 U	4.9 U	4.2 U	5.2 U	4.3 U	5.2 U	3.5 U	4.5 U	--
VP-14	TO-15	15-Dec-05	ORIG	51	11 U	11 U	5 U	32 U	10 U	6.6 U	37 U	22 UJ	11 U	9.2 U	21 U	7.2 U	7 U	7.7 U	17 UJ	9.7 U	9.2 U	7.9 U	9.7 U	8.1 U	9.7 U	6.6 U	8.4 U	--
VP-14	TO-15	15-Dec-05	ORIG	58	12 U	12 U	5.5 U	36 U	12 U	7.3 U	40 U	24 UJ	12 U	10 U	23 U	7.9 U	7.7 U	8.5 U	19 UJ	11 U	10 U	8.7 U	11 U	8.9 U	11 U	7.3 U	9.3 U	--
VP-15	TO-15	14-Dec-05	ORIG	6	1.2 U	1.2 U	0.56 U	3.6 U	1.2 U	0.75 U	4.1 U	2.5 UJ	1.2 U	1 U	2.4 U	0.81 U	0.79 U	0.87 U	1.9 UJ	1.1 U	1 U	0.89 U	1.1 U	0.91 U	1.1 U	0.75 U	0.95 U	--
VP-15	TO-15	14-Dec-05	DUP	12	2.4 U	2.4 U	1.1 U	7 U	2.3 U	1.4 U	7.9 U	9.8 J	2.4 U	2 U	4.6 U	1.5 U	1.5 U	1.7 U	3.6 UJ	2.1 U	2 U	1.7 U	2.1 U	1.7 U	2.1 U	1.4 U	2.7	--
VP-15	TO-15	14-Dec-05	ORIG	12	4.2 U	4.2 U	1.9 U	12 U	4 U	2.5 U	14 U	8.4 UJ	4.2 U	3.5 U	8.2 U	2.7 U	2.7 U	3 U	6.5 UJ	3.7 U	3.5 U	3 U	3.7 U	3.1 U	3.7 U	2.5 U	3.2 U	--
VP-15	TO-15	14-Dec-05	ORIG	18	2.5 U	2.5 U	1.1 U	7.3 U	2.4 U	1.5 U	8.3 U	5 UJ	2.5 U	2.1 U	4.8 U	1.6 U	1.6 U	1.7 U	3.8 UJ	2.2 U	2.1 U	1.8 U	2.2 U	1.8 U	2.2 U	1.5 U	1.9 U	--
VP-15	TO-15	14-Dec-05	ORIG	24	2.3 U	2.3 U	1 U	6.9 U	2.2 U	1.4 U	7.8 U	4.7 UJ	2.3 U	1.9 U	4.5 U	1.5 U	1.5 U	1.6 U	3.6 UJ	2.1 U	2 U	1.7 U	2.1 U	1.7 U	2.1 U	1.4 U	1.8 U	--
VP-15	TO-15	14-Dec-05	ORIG	40	5.6 U	5.6 U	2.5 U	16 U	12	3.4 U	19 U	13 J	5.6 U	4.7 U	11 U	5.3	3.6 U	15	8.6 UJ	5 U	9.8	34	5 U	4.1 U	5 U	3.4 U	4.3 U	--
VP-15	TO-15	14-Dec-05	ORIG	50	7.5 U	7.5 U	3.4 U	22 U	14	4.5 U	25 U	15 UJ	7.5 U	6.2 U	14 U	6.3	4.7 U	17	11 UJ	6.6 U	11	37	6.6 U	5.5 U	6.6 U	4.5 U	5.7 U	--
VP-15	TO-15	14-Dec-05	ORIG	60	7.8 U	7.8 U	3.5 U	23 U	7.4 U	4.7 U	26 U	16 UJ	7.8 U	6.5 U	15 U	5.1 U	4.9 U	5.4 U	12 UJ	6.9 U	6.5 U	5.6 U	6.9 U	5.7 U	6.9 U	4.7 U	6 U	--
VP-15	TO-15	14-Dec-05	ORIG	70	7.2 U	7.2 U	3.2 U	21 U	6.8 U	4.3 U	24 U	21 J	7.2 U	6 U	14 U	4.7 U	4.6 U	5 U	11 UJ	6.4 U	6 U	5.2 U	6.4 U	5.3 U	6.4 U	4.3 U	5.5 U	--
VP-16	TO-15	13-Dec-05	ORIG	8	0.55 U	0.55 U	0.25 U	1.6 U	0.52 U	0.33 U	1.8 U	1.1 UJ	0.55 U	0.46 U	1.1 U	0.36 U	0.35 U	0.38 U	0.84 UJ	0.49 U	0.46 U	0.39 U	0.49 U	0.4 U	0.49 U	0.33 U	0.42 U	--
VP-16	TO-15	13-Dec-05	ORIG	22	1.3 U	1.3 U	0.57 U	3.7 U	1.2 U	0.76 U	4.2 U	2.5 UJ	1.3 U	1.1 U	2.5 U	0.83 U	0.81 U	0.89 U	2 UJ	1.1 U	1.1 U	0.91 U	1.1 U	0.93 U	1.1 U	0.76 U	0.98 U	--
VP-16	TO-15	13-Dec-05	DUP	32	1.2 U	1.2 U	0.54 U	3.5 U	1.1 U	0.71 U	4 U	2.4 UJ	1.2 U	0.99 U	2.3 U	0.77 U	0.75 U	0.83 U	1.8 UJ	1 U	0.99 U	0.85 U	1 U	0.87 U	1 U	0.71 U	0.91 U	--
VP-16	TO-15	13-Dec-05	ORIG	32	1.2 U	1.2 U	0.54 U	3.5 U	1.1 U	0.71 U	4 U	2.4 UJ	1.2 U	0.99 U	2.3 U	0.77 U	0.75 U	0.83 U	1.8 UJ	1 U	0.99 U	0.85 U	1 U	0.87 U	1 U	0.71 U	0.91 U	--
VP-16	TO-15	13-Dec-05	ORIG	47	4 U	4 U	1.8 U	12 U	4.5	2.4 U	13 U	10 J	4 U	3.3 U	7.6 U	2.6 U	2.5 U	5.8	6.1 UJ	3.5 U	3.3 U	12	3.5 U	2.9 U	3.5 U	2.4 U	3 U	--
VP-16	TO-15	14-Dec-05	ORIG	60	0.11 U	0.11 U	0.052 U	0.34 U	0.11 U	0.069 U	0.38 U	0.23 UJ	0.11 U	0.095 U	0.22 U	0.074 U	0.072 U	0.08 U	0.18 UJ	0.1 U	0.095 U	0.087	0.1 U	0.084 U	0.1 U	0.069 U	0.096	--
VP-17	TO-15	12-Dec-05	ORIG	15	0.083 U	0.083 U	0.056	0.24 U	0.089	0.054	0.28 U	0.17 UJ	0.083 U	0.069 U	0.28	0.054 U	0.053 U	0.058 U	0.13 UJ	0.074 U	0.069 U	0.095	0.13	0.061 U	0.074 U	0.05 U	0.15	--
VP-17	TO-15	12-Dec-05	ORIG	25	0.16 U	0.16 U	0.072 U	0.47 U	0.15 U	0.096 U	0.54 U	0.32 UJ	0.16 U	0.13 U	0.31 U	0.1 U	0.1 U	0.11 U	0.25 UJ	0.14 U	0.13 U	0.12 U	0.14 U	0.12 U	0.14 U	0.096 U	0.12 U	--
VP-17	TO-15	12-Dec-05	ORIG	31	0.26 U	0.26 U	0.12 U	0.78 U	0.25 U	0.16 U	0.88 U	0.53 UJ	0.26 U	0.22 U	0.51 U	0.17 U	0.17 U	0.18 U	0.41 UJ	0.23 U	0.22 U	0.19 U	0.23 U	0.19 U	0.23 U	0.16 U	0.2 U	--
VP-17	TO-15	12-Dec-05	ORIG	45	1.5 U	1.5 U	0.69 U	4.5 U	1.4 U	0.92 U	5.1 U	4.2 J	1.5 U	1.3 U	4.5	0.99 U	2.8	1.1 U	2.3 UJ	1.3 U	1.3 U	1.1 U	1.3 U	1.1 U	1.3 U	0.92 U	1.2 U	--
VP-17	TO-15	12-Dec-05	ORIG	60	6.9 U	6.9 U	3.1 U	20 U	6.6 U	4.2 U	23 U	29 J	6.9 U	5.8 U	13 U	4.5 U	4.4 U	4.8 U	11 UJ	6.1 U	5.8 U	5 U	6.1 U	5.1 U	6.1 U	4.2 U	5.3 U	--
VP-18	TO-15	15-Dec-05	ORIG	27	4.3 U	4.3 U	1.9 U	13 U	4.1 U	2.6 U	14 U	19 J	4.3 U	3.6 U	8.4 U	2.8 U	2.7 U	3 U	6.6 UJ	3.8 U	3.6 U	3.1 U	3.8 U	3.2 U	3.8 U	2.6 U	3.3 U	--
VP-18	TO-15	15-Dec-05	DUP	38	7.5 U	7.5 U	3.4 U	22 U	7.1 U	4.5 U	25 U	15 UJ	7.5 U	6.2 U	14 U	4.9 U	4.7 U	5.2 U	11 UJ	6.6 U	6.2 U	5.4 U	6.6 U	5.5 U	6.6 U	4.5 U	5.7 U	--
VP-18	TO-15	15-Dec-05	ORIG	38	7.3 U	7.3 U	3.3 U	22 U	7 U	4.4 U	24 U	15 UJ	7.3 U	6.1 U	14 U	4.8 U	4.6 U	5.1 U	11 UJ	6.5 U	6.1 U	5.3 U	6.5 U	5.4 U	6.5 U	4.4 U	5.6 U	--
VP-18	TO-15	15-Dec-05	ORIG	50	9.4 U	9.4 U	4.2 U	28 U	8.9 U	5.6 U	31 U	19 UJ	9.4 U	7.8 U	18 U	6.1 U	5.9 U	6.6 U	14 UJ	8.3 U	7.8 U	6.7 U	8.3 U	6.9 U	8.3 U	5.6 U	7.2 U	--
VP-18	TO-15	15-Dec-05	ORIG	58	12 U	12 U	5.3 U	34 U	11 U	7 U	39 U	23 UJ	12 U	9.7 U	23 U	7.6 U	7.4 U	8.2 U	18 UJ	10 U	9.8 U	8.4 U	10 U	8.6 U	10 U	7 U	9 U	--
VP-19	TO-15	13-Dec-05	ORIG	6	0.044 U	0.044 U	0.02 U	0.13 U	0.042 U	0.1	0.15 U	0.088 UJ	0.044 U	0.037 U	0.1	0.028 U	0.028 U	0.031 U	0.067 UJ	0.039 U	0.037 U	0.032 U	0.039 U	0.032 U	0.039 U	0.026 U	0.074	--
VP-19	TO-15	13-Dec-05	ORIG	12	0.047 U	0.047 U	0.021 U	0.14 U	0.044 U	0.1	0.16 U	0.093 UJ	0.047 U	0.039 U	0.14	0.031	0.03 U	0.033 U	0.072 UJ	0.041 U	0.039 U	0.033 U	0.059	0.034 U	0.041 U	0.028 U	0.15	--
VP-19	TO-15	13-Dec-05	ORIG	18	0.033	0.028 U	0.013 U	0.084 U	0.46	0.17	0.095 U	0.057 UJ	0.042	0.024 U	0.15	0.11	0.018 U	0.024	0.044 UJ	0.03	0.12	0.2	0.17	0.021 U	0.064	0.017 U	0.27	--
VP-19	TO-15	13-Dec-05	ORIG	24	0.017	0.016 U	0.011	0.046 U	0.7	0.13	0.052 U	0.031 UJ	0.02	0.013 U	0.13	0.05	0.0099 U	0.017	0.024 UJ	0.017	0.11	0.21	0.082	0.011 U	0.032	0.0094 U	0.14	--
VP-19	TO-15	13-Dec-05	ORIG	40	0.0092 U	0.0092 U	0.024	0.027 U	0.65	0.41	0.03 U	0.018 UJ	0.0092 U	0.0076 U	0.23	0.038	0.0063	0.024	0.034 J	0.0081 U	0.081	0.4	0.023	0.0067 U	0.0081 U	0.0055 U	0.073	--
VP-19	TO-15	13-Dec-05	DUP	50	0.019 U	0.019 U	0.031	0.055 U	1	0.07 J	0.062 U	0.038 UJ	0.019 U	0.016 U	0.15	0.08	0.012 U	0.036	0.029 UJ	0.016 U	0.14	0.71	0.037	0.014 U	0.016 U	0.011 U	0.087	--
VP-19	TO-15	13-Dec-05	ORIG	50	0.018 U	0.018 U	0.028	0.054 U	0.99	0.11 J	0.061 U	0.037 UJ	0.018 U	0.015 U	0.16	0.078	0.012 U	0.035	0.028 UJ	0.016 U	0.14	0.68	0.036	0.013 U	0.016 U	0.011 U	0.087	--
VP-19	TO-15	13-Dec-05	ORIG	60	0.015 U	0.015 U	0.014	0.044 U	0.14	0.2	0.05 U	0.03 UJ	0.015 U	0.012 U	0.15	0.023	0.0095 U	0.01	0.023 UJ	0.013 U	0.027	0.18	0.051	0.011 U	0.02	0.009 U	0.074	--
VP-19	TO-15	13-Dec-05	ORIG	70	0.023 U	0.023 U	0.026	0.067 U	0.43	0.12	0.076 U	0.046 UJ	0.024	0.019 U	0.051	0.057	0.014 U	0.016 U	0.035 UJ	0.02	0.099	0.19	0.095	0.017 U	0.037	0.014 U	0.17	--
VP-20	TO-15	06-Mar-06	ORIG	21.5	0.61 U	0.61 U	0.27 U	1.8 U	0.58 U	0.36 U	2 U	1.2 U	0.61 U	0.5 U	1.2 U	0.39 U	0.38 U	0.42 U	0.93 U	0.54 U	0.51 U	0.44 U	0.54 U	0.44 U	0.54 U	0.36 U	0.46 U	--
VP-20	TO-15	06-Mar-06	ORIG	29	0.68 U	0.68 U	0.31 U	2 U	0.65 U	0.41 U	2.3 U	1.4 U	0.68 U	0.57 U	1.3 U	0.44 U	0.43 U	0.48 U	1 U	0.6 U	0.57 U	0.49 U	0.6 U	0.5 U	0.6 U	0.41 U	0.52 U	--
VP-20	TO-15	06-Mar-06	ORIG	51	0.76 U	0.76 U	0.34 U	2.2 U	0.73 U	0.46 U	2.5 U	1.5 U	0.76 U	0.64 U	1.5 U	0.5 U	0.48 U	0.54 U	1.2 U	0.68 U	0.64 U	0.55 U	0.68 U	0.56 U	0.68 U	0.46 U	0.58 U	--
VP-21	TO-15	08-Mar-06	ORIG	20	0.3 UJ	0.3 U	0.13 U	0.87 U	0.28 UJ	0.18 U	0.99 U	0.59 U	0.3 U	0.25 U	0.57 U	0.19 U	0.19 U	0.21 U	0.46 U	0.26 U	0.25 U	0.21 U	0.26 U	0.22 U	0.26 U	0.18 U	0.23 U	--
VP-21	TO-15	08-Mar-06	ORIG	29	0.28 UJ	0.28 U	0.13 U	0.82 U	0.27 UJ	0.17 U	0.93 U	0.56 U	0.28 U	0.23 U	0.54 U	0.18 U	0.18 U	0.2 U	0.43 U	0.25 U	0.23 U	0.2 U	0.25 U	0.2 U	0.25 U	0.17 U	0.21 U	--
VP-21	TO-15	08-Mar-06	DUP	35	0.39 UJ	0.39 U	0.18 U	1.1 U	0.37 UJ	0.23 U	1.3 U	0.78 U	0.39 U	0.32 U	0.76 U	0.25 U	0.25 U	0.27 U	0.6 U	0.34 U	0.32 U	0.28 U	0.34 U	0.29 U	0.34 U	0.23 U	0.3 U	--
VP-21	TO-15	08-Mar-06	ORIG	35	0.4 UJ	0.4 U	0.18 U	1.2 U	0.38 UJ	0.24 U	1.3 U	0.79 U	0.4 U	0.33 U	0.76 U	0.26 U	0.25 U	0.28 U	0.61 U	0.35 U	0.33 U	0.28 U	0.35 U	0.29 U	0.35 U	0.24 U	0.3 U	--
VP-21	TO-15	08-Mar-06	ORIG	43	4.8 UJ	4.8 U	2.1 U	14 U	4.5 UJ	2.9 U	16 U	14	4.8 U	4 U	9.2 U	3.1 U	3 U	3.3 U	7.3 U	4.2 U	4 U	3.4 U	4.2 U	3.5 U	4.2 U	2.9 U	3.6 U	--
VP-21	TO-15	08-Mar-06	ORIG	48	1.5 UJ	1.5 U	0.66 U	4.3 U	1.4 UJ	0.88 U	4.9 U	9.1	1.5 U	1.2 U	2.8 U	0.95 U	1.4	1 U	2.2 U	1.3 U	1.2 U	1 U	1.3 U	1.1 U	1.3 U	0.88 U	1.1 U	--
VP-22	TO-15	08-Mar-06	ORIG	18	0.016 J	0.014 U	0.0065 U	0.042 U	0.014 J	0.079	0.048 U	0.029 U	0.017	0.012 U	0.17	0.033	0.0091 U	0.01 U	0.022 U	0.018	0.015	0.02	0.053	0.01 U	0.024	0.0086 U	0.12	--
VP-22	TO-15	08-Mar-06	ORIG	27	0.066 UJ	0.066 U	0.03 U	0.19 U	0.063 UJ	0.1	0.22 U	0.13 U	0.066 U	0.055 U	0.21	0.043 U	0.042 U	0.046 U	0.1 U	0.058 U	0.055 U	0.047 U	0.058 U	0.048 U	0.058 U	0.04 U	0.1	--
VP-22	TO-15	08-Mar-06	ORIG	39	0.059 UJ	0.059 U	0.026 U	0.17 U	0.056 UJ	0.25	0.2 U	0.12 U	0.059 U	0.049 U	0.2	0.038 U	0.037 U	0.041 U	0.09 U	0.052 U	0.049 U	0.042 U	0.052 U	0.043 U	0.052 U	0.035 U	0.081	--
VP-23	TO-15	09-Mar-06	ORIG	22	0.009 J	0.0058 U	0.032	0.017 U	0.0073 J	0.054	0.019 U	0.012 U	0.0099	0.0049 U	0.21	0.03	0.0037 U	0.0041 U	0.019	0.012	0.018	0.022	0.031	0.0043 U	0.014	0.0035 U	0.098	--
VP-23	TO-15	09-Mar-06	ORIG	29	0.032 UJ	0.032 U	0.048	0.094 U	0.03 UJ	0.083	0.11 U	0.064 U	0.032 U	0.027 U	0.2	0.026	0.026	0.022 U	0.049 U	0.028 U	0.027 U	0.031	0.031	0.024 U	0.028 U	0.019 U	0.086	--
VP-23	TO-15	09-Mar-06	DUP	45	0.028 UJ	0.028 U	0.077	0.081 U	0.026 UJ	0.084	0.092 U	0.055 U	0.028 U	0.023 U	0.16	0.041	0.026	0.019 U	0.042 U	0.024 U	0.023 U	0.039	0.038	0.02 U	0.024 U	0.016 U	0.1	--
VP-23	TO-15	09-Mar-06	ORIG	45	0.028 UJ	0.028 U	0.078	0.081 U	0.026 UJ	0.082	0.092 U	0.055 U	0.028 U	0.023 U	0.15	0.042	0.022	0.019 U	0.042 U	0.024 U	0.023 U	0.042	0.039	0.02 U	0.024 U	0.016 U	0.11	--
VP-24	TO-15	06-Mar-06	ORIG	27	1.1 U	1.1 U	0.52 U	3.4 U	1.1 U	0.69 U	3.8 U	2.3 U	1.1 U	0.95 U	2.2 U	0.74 U	0.72 U	0.8 U	1.8 U	1 U	0.95 U	0.82 U	1 U	0.84 U	1 U	0.69 U	0.88 U	--
VP-24	TO-15	06-Mar-06	ORIG	35	7.6 U	7.6 U	3.4 U	22 U	7.3 U	4.6 U	25 U	15 U	7.6 U	6.4 U	15 U	5 U	4.8 U	5.4 U	12 U	6.8 U	6.4 U	5.5 U	6.8 U	5.6 U	6.8 U	4.6 U	5.8 U	--
VP-24	TO-15	06-Mar-06	ORIG	39	7.5 U	7.5 U	3.4 U	22 U	7.1 U	4.5 U	25 U	29	7.5 U	6.2 U	14 U	4.9 U	6.8	5.2 U	11 U	6.6 U	6.2 U	5.4 U	6.6 U	5.5 U	6.6 U	4.5 U	5.7 U	--
VP-25	TO-15	06-Mar-06	ORIG	25	0.0084 U	0.0084 U	0.029	0.024 U	0.047	0.076	0.028 U	0.017 U	0.0084 U	0.015	0.36	0.029	0.0053 U	0.0059	0.02	0.011	0.032	0.047	0.032	0.019	0.012	0.005 U	0.08	--
VP-25	TO-15	06-Mar-06	ORIG	29	0.0092 U	0.0092 U	0.01	0.027 U	0.018	0.061	0.03 U	0.018 U	0.0092 U	0.0076 U	0.19	0.019	0.019	0.012	0.014 U	0.008 J	0.018	0.058	0.027	0.021	0.011	0.0055 U	0.007 U	--
VP-25	TO-15	06-Mar-06	ORIG	36	0.024	0.01	0.0092	0.023	0.025	0.1	0.019 U	0.011 U	0.014	0.01	0.18	0.02	0.028	0.016	0.012	0.019	0.018	0.094	0.059	0.042	0.022	0.0034 U	0.066	--
VP-26	TO-15	31-May-06	ORIG	10	0.0051 UJ	0.0051 U	0.0023 U	0.015 U	0.0049 U	0.0044	0.017 U	0.01 U	0.0051 U	0.0043 U	0.035	0.0042	0.0084	0.0036 U	0.014	0.0045 U	0.0043 U	0.0049	0.01	0.0038 U	0.0045 U	0.0031 U	0.018	--
VP-26	TO-15	31-May-06	ORIG	25	0.005 UJ	0.005 U	0.014	0.015 U	0.0049	0.0095	0.017 U	0.01 U	0.005 U	0.0042 U	0.074	0.0078	0.0032 U	0.0042	0.013	0.0044 U	0.0049	0.012	0.012	0.0037 U	0.0047	0.003 U	0.022	--
VP-26	TO-15	31-May-06	ORIG	40	0.0092 J	0.005 U	0.02	0.015 U	0.015	0.0092	0.017 U	0.01 U	0.0067	0.0042	0.071	0.012	0.0032 U	0.016	0.018	0.0066	0.0092	0.03	0.023	0.0037 U	0.0074	0.003 U	0.041	--
VP-26	TO-15	31-May-06	ORIG	50	0.0082 J	0.0051 U	0.047	0.015 U	0.0096	0.025	0.017 U	0.013	0.0065	0.0043 U	0.12	0.035	0.0057	0.027	0.039	0.011	0.091	0.12	0.025	0.0038 U	0.0098	0.0031 U	0.054	--
VP-26	TO-15	31-May-06	ORIG	60	0.01 J	0.0051 U	0.086	0.015 U	0.0049 U	0.036	0.017 U	0.01 U	0.008	0.0043 U	0.17	0.023	0.0064	0.039	0.033	0.0082	0.036	0.071	0.026	0.0038 U	0.0091	0.0031 U	0.038	--

Table A-9
Omega Chemical Superfund Site
Summary of Soil Gas Analytical Data
Non-Chlorinated Volatile Organic Compounds (VOCs)

Location ID	Analytical Method	Sample Date	Sample Type	Sample Depth (feet bgs)	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	1,3-Butadiene	1,4-Dioxane	2,2,4-Trimethyl-pentane	2-Butanone	2-Hexanone	2-Propanol	4-Ethyltoluene	4-Methyl-2-Pentanone	Acetone	Benzene	Carbon Disulfide	Cyclohexane	Ethanol	Ethylbenzene	Heptane	Hexane	m,p-Xylenes	Methyl Tert-Butyl Ether	o-Xylene	Tetrahydro-furan	Toluene	Vinyl Acetate
VP-27	TO-15	31-May-06	ORIG	10	0.0099 J	0.005 U	0.0022 U	0.014 U	0.0047 U	0.0093	0.016 U	0.0099 U	0.005 U	0.0041 U	0.063	0.0032 U	0.0031 U	0.0082	0.014	0.0044 U	0.0041 U	0.0039	0.016	0.0036 U	0.0071	0.0042	0.021	--
VP-27	TO-15	31-May-06	ORIG	25	0.011 J	0.005 U	0.0029	0.014 U	0.01	0.0083	0.016 U	0.0099 U	0.0074	0.0041 U	0.07	0.0069	0.0031	0.024	0.021	0.0055	0.006	0.021	0.022	0.0036 U	0.0071	0.003	0.039	--
VP-27	TO-15	31-May-06	ORIG	40	0.005 UJ	0.005 U	0.018	0.014 U	0.0047 U	0.015	0.016 U	0.0099 U	0.005 U	0.0041 U	0.039	0.012	0.0031 U	0.0035 U	0.018	0.0044 U	0.017	0.02	0.013	0.0036 U	0.0045	0.003 U	0.022	--
VP-27	TO-15	31-May-06	ORIG	50	0.02 J	0.0057 U	0.037	0.017 U	0.014	0.014	0.019 U	0.011 U	0.015	0.0048 U	0.1	0.025	0.011	0.041	0.028	0.011	0.079	0.097	0.043	0.0042 U	0.015	0.0034 U	0.067	--
VP-27	TO-15	31-May-06	DUP	60	0.005 J	0.005 U	0.099 J	0.015 U	0.0048 U	0.011 J	0.017 U	0.01 U	0.005 U	0.0042 U	0.12 J	0.018 J	0.0038 J	0.0077 J	0.028	0.0051 J	0.066 J	0.13 J	0.016 J	0.0037 U	0.005 J	0.003 U	0.048 J	--
VP-27	TO-15	31-May-06	ORIG	60	0.011 J	0.0059 U	0.32 J	0.017 U	0.0056 U	0.017 J	0.02 U	0.012 U	0.0091	0.005 U	0.095 J	0.11 J	0.022 J	0.035 J	0.028	0.013 J	0.54 J	0.7 J	0.043 J	0.0044 U	0.015 J	0.0036 U	0.11 J	--
VP-28	TO-15	07-Mar-06	ORIG	20	1.2 U	1.2 U	0.55 U	3.6 U	1.2 U	0.73 U	4.1 U	2.4 U	1.2 U	1 U	2.4 U	0.8 U	0.78 U	0.86 U	1.9 U	1.1 U	1 U	0.88 U	1.1 U	0.9 U	1.1 U	0.73 U	0.94 U	--
VP-28	TO-15	07-Mar-06	ORIG	29	0.11 U	0.11 U	0.051 U	0.33 U	0.11 U	0.068 U	0.38 U	0.22 U	0.11 U	0.094 U	0.22 U	0.073 U	0.071 U	0.079 U	0.17 U	0.099 U	0.094 U	0.081 U	0.099 U	0.082 U	0.099 U	0.068 U	0.086	--
VP-28	TO-15	07-Mar-06	ORIG	43	0.28 U	0.28 U	0.13 U	0.82 U	0.27 U	0.17 U	0.93 U	0.56 U	0.28 U	0.23 U	0.54 U	0.18 U	0.18 U	0.2 U	0.43 U	0.25 U	0.24	0.2 U	0.25 U	0.2 U	0.25 U	0.17 U	0.21 U	--
VP-29	TO-15	06-Mar-06	ORIG	22	2.9 U	2.9 U	1.3 U	8.6 U	2.8 U	1.8 U	9.7 U	5.8 U	2.9 U	2.4 U	5.6 U	1.9 U	1.8 U	2 U	4.5 U	2.6 U	2.4 U	2.1 U	2.6 U	2.1 U	2.6 U	1.8 U	2.2 U	--
VP-29	TO-15	06-Mar-06	DUP	29	3.7 U	3.7 U	1.6 U	11 U	3.5 U	2.2 U	12 U	7.3 U	3.7 U	3 U	7.1 U	2.4 U	2.3 U	2.6 U	5.6 U	3.2 U	3 U	2.6 U	3.2 U	2.7 U	3.2 U	2.2 U	2.8 U	--
VP-29	TO-15	06-Mar-06	ORIG	29	2.9 U	2.9 U	1.3 U	8.6 U	2.8 U	1.8 U	9.7 U	5.8 U	2.9 U	2.4 U	5.6 U	1.9 U	1.8 U	2 U	4.5 U	2.6 U	2.4 U	2.1 U	2.6 U	2.1 U	2.6 U	1.8 U	2.2 U	--
VP-29	TO-15	06-Mar-06	ORIG	48	5.6 U	5.6 U	2.5 U	16 U	5.3 U	3.4 U	19 U	11 U	5.6 U	4.7 U	11 U	3.6 U	3.6 U	3.9 U	8.6 U	5 U	4.7 U	4 U	5 U	4.1 U	5 U	3.4 U	4.3 U	--
VP-30	TO-15	31-May-06	ORIG	8	0.013 J	0.01 U	0.026	0.03 U	0.016	0.028	0.034 U	0.02 U	0.01 U	0.0084 U	0.22	0.037	0.0064 U	0.007 U	0.015 U	0.012	0.018	0.024	0.026	0.0074 U	0.012	0.006 U	0.12	--
VP-30	TO-15	31-May-06	ORIG	29	0.021 UJ	0.021 U	0.14	0.061 U	0.02 U	0.18	0.07 U	0.042 U	0.021 U	0.017 U	0.16	0.09	0.023	0.015 U	0.032 U	0.021	0.099	0.088	0.044	0.015 U	0.018 U	0.012 U	1.1	--
VP-30	TO-15	31-May-06	ORIG	40	0.014 J	0.01 U	0.0046 U	0.03 U	0.032	0.024	0.034 U	0.02 U	0.01 U	0.0086 U	0.15	0.014	0.0065 U	0.0072 U	0.021	0.0091 U	0.016	0.035	0.023	0.0075 U	0.01	0.0062 U	0.11	--
VP-30	TO-15	31-May-06	ORIG	50	0.024 J	0.02 U	0.032	0.06 U	0.032	0.07	0.068 U	0.041 U	0.02 U	0.017 U	0.25	0.023	0.013 U	0.014 U	0.032 U	0.018 U	0.031	0.054	0.034	0.015 U	0.018 U	0.012 U	0.19	--
VP-30	TO-15	31-May-06	ORIG	60	0.03 J	0.02 U	0.063	0.06 U	0.02 U	0.041	0.068 U	0.041 U	0.02 U	0.017 U	0.16	0.043	0.013 U	0.014 U	0.032 U	0.018 U	0.032	0.054	0.039	0.015 U	0.019	0.012 U	0.28	--

Notes:
All units are reported in milligrams per cubic meter (mg/m3)
Only non-chlorinated VOCs detected in one or more soil gas samples are listed
U = Not detected at a concentration greater than the reporting limit shown
J = Estimated concentration
-- = Analyte not reported
TIC = Compound reported as tentatively identified compound (TIC), but not quantified
Sample Type:
ORIG = Primary sample
DUP = Duplicate sample
EPA = Sample collected by EPA
EPAD = Duplicate sample collected by EPA

Table A-10
Omega Chemical Superfund Site
Summary of Ambient Air Analytical Data
Volatile Organic Compounds (VOCs)

Location ID		Analytical Method	Sample Date	Sample Type	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,4-Dichloro-benzene	Acetone	Benzene	Carbon Tetrachloride	Dichloro-difluoro-methane	Ethylbenzene	m,p-Xylenes	Methylene Chloride	o-Xylene	Tetrachloro-ethene	Toluene	Trichloro-ethene	Trichlorofluoro-methane (Freon 11)
AA-03	Ambient - upwind	TO-15 SIM	11-May-04	ORIG	0.2 U	0.4	0.73	0.074 U	0.3	0.4	15	1	0.58	2.6	0.78	2.3	1.3 U	0.87	0.6	5.1	0.23	1.6
AA-04	Ambient - upwind	TO-15 SIM	11-May-04	DUP	0.16 U	0.2 U	1.1	0.12 J	0.18 U	0.18 U	14 J	0.9 J	0.6	2.9	0.47 J	1.5 J	1 U	0.52 J	0.57 J	3.3 J	0.42	1.8
AA-04	Ambient - upwind	TO-15 SIM	14-Sep-05	ORIG	0.2 U	0.25 U	1.4	0.13	0.22 U	0.22 U	14	0.99	0.63	2	0.45	1.3	1.3 U	0.45	0.84	3.7	0.42	1.8
AA-04	Ambient - upwind	TO-15 SIM	11-May-04	ORIG	0.2 U	0.26 U	1.1	0.16 J	0.22 U	0.22 U	19 J	1.3 J	0.5	2.7	1.4 J	5 J	1.3 U	1.9 J	0.86 J	6.7 J	0.48	1.7
AA-08	Ambient - between Star City and Medlin & Son	TO-15 SIM	11-May-04	ORIG	1.1	0.37 U	1.8	0.66	0.33 U	0.33 U	28	0.82	0.5	2.6	0.63	2	1.9 U	0.77	1.2	7.8	1.1	1.7
AA-08	Ambient - between Star City and Medlin & Son	TO-15 SIM	14-Sep-05	ORIG	0.2 U	0.26 U	1.5	0.45	0.22 U	0.22 U	46	0.86	0.62	1.8	0.63	2	1.3 U	0.51	1.7	4.6	0.4	2
AA-12	Ambient - roof intake	TO-15 SIM	11-May-04	ORIG	0.2 U	0.25 U	1.3	0.15	0.22 U	0.22 U	19	0.91	0.59	3.4	0.79	2.1	2.1	0.8	0.55	5.5	0.2 U	1.9
AA-15	Ambient - between Star City and 3 Kings	TO-15 SIM	11-May-04	ORIG	1 U	1.3 U	1.4 U	0.37 U	1.1 U	1.1 U	4000 E	1.5 U	1.2 U	2.4	0.79 J	2.8	6.5 U	1.2	1.3 U	6	1 U	1.7
AA-17	Exterior Location - adjacent to sewer manhole	TO-15 SIM	04-Aug-04	ORIG	0.2 U	0.26 U	1.8	0.89	0.22 U	0.22 U	34	1.7	0.61	3.5 J	0.85	2.2	1.8	0.9	1.7	5.3	0.22	2
AA-24	Exterior Location - adjacent to front door	TO-15 SIM	04-Aug-04	ORIG	0.19 U	0.23 U	2.6	0.58	1.8	0.22	61	1.6	0.72	3.4 J	1	3.6	1.5	1.8	1.2	5.7	0.26	2.1
AA-29	Rooftop	TO-15 SIM	08-Sep-06	ORIG	0.19 U	0.24 U	0.74	0.069 U	0.21 U	0.21 U	38	1.2	0.53	2.7	0.87	2.9	1.2 U	1.1	0.32	4.4	0.19 U	1.6
AA-33	Exterior Fence	TO-15 SIM	08-Sep-06	ORIG	0.19 U	0.23 U	1.5	0.56	0.2 U	0.2 U	38	1	0.57	3	0.68	2	1.2 U	0.74	0.66	16	0.18 U	1.8

Notes:

All units are reported in micrograms per cubic meter (ug/m3)

Only VOCs detected in one or more ambient air samples are listed

U = Not detected at a concentration greater than the reporting limit shown

J or E = Estimated concentration

Sample Type:

ORIG = Primary sample

DUP = Duplicate sample

Table A-11
Omega Chemical Superfund Site
Summary of Indoor Air Analytical Data
Volatile Organic Compounds (VOCs)

Location ID		Analytical Method	Sample Date	Sample Type	1,1,1-Trichloro-ethane	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,4-Dichloro-benzene	Acetone	Benzene	Carbon Tetrachloride	Chloro-benzene	Chloroform	Dichlorodifluoro-methane	Ethylbenzene	Hexachloro-butadiene	m,p-Xylenes	Methylene Chloride	o-Xylene	Tetrachloro-ethene	Toluene	Trichloroethene	Trichlorofluoro-methane (Freon 11)
IA-01	Skate Rental Counter (by window)	TO-15	29-Dec-04	EPA	5.45 U	6.86 U	123	63.4	7.42 U	6.39 J	6.01 U	4.05 U	6.01 U	9.26	5.43 J	6.29 U	4.6 U	4.88 U	4.94 U	6.51 J	10.7 U	26.5	4.17 J	9.99	88.1	32.8	11.3	35.4
IA-01	Skate Rental Counter (by window)	TO-15	12-Jan-05	EPA	12 U	15.1 U	498	151	16.3 U	10.8 U	13.2 U	8.9 U	13.2 U	--	7.02 U	13.8 U	10.1 U	10.7 U	10.9 U	9.55 U	23.5 U	19.1 U	7.64 U	9.55 U	34.6	13.2 J	12.4 J	118
IA-01	Skate Rental Counter (by window)	TO-15 SIM	11-May-04	ORIG	0.78 U	0.98 U	480	160	--	--	0.86 U	0.58 U	0.86 U	35	1.1 U	0.9 U	0.66 U	0.69 U	4.2	2	--	6.8	4.9 U	1.9	950	10	19	140
IA-01	Skate Rental Counter (by window)	TO-15 SIM	04-Aug-04	ORIG	0.48 U	0.61 U	560	170	--	--	0.54 U	0.36 U	0.54 U	75	2.1	0.94	0.41 U	0.43 U	5.4 J	1.1	--	2.9	3.1 U	1.1	180	6.7	31	140
IA-02	Center of Rink	TO-15	29-Dec-04	EPA	10.4 U	13 U	115	63.4	31.9	10.3 J	11.4 U	7.69 U	11.4 U	--	6.07 U	11.9 U	8.74 U	9.27 U	9.39 U	8.25 U	64	29.1 J	6.59 U	11.3 J	94.9	35.4	11.3 J	33.1
IA-02	Center of Rink	TO-15	12-Jan-05	EPA	12.5 U	15.8 U	391	170	17.1 U	11.3 U	13.8 U	9.31 U	13.8 U	--	7.34 U	14.5 U	10.6 U	11.2 U	11.4 U	9.99 U	24.5 U	20 U	7.98 U	9.99 U	88.1	16.2 J	24.2 J	118
IA-02	Center of Rink	TO-15 SIM	11-May-04	DUP	0.91 U	1.1 U	310	120	--	--	1 U	0.67 U	1 U	20	1.3 U	1 U	0.77 U	0.81 U	3.4	2	--	6.5	5.8 U	2	880 J	10	14	100
IA-02	Center of Rink	TO-15 SIM	14-Sep-05	DUP	0.33	0.31 U	280	120	--	--	0.28 U	0.18 U	0.28 U	19	0.8	0.68	0.21 U	0.22 J	2.7	0.51	--	1.4	1.6 U	0.4 J	84	4.1	23	86
IA-02	Center of Rink	TO-15 SIM	11-May-04	ORIG	0.97 U	1.2 U	350	130	--	--	1.1 U	0.72 U	1.1 U	21	1.4 U	1.1 U	0.82 U	0.87 U	4	2.1	--	6.7	6.2 U	2	1100 J	12	16	120
IA-02	Center of Rink	TO-15 SIM	14-Sep-05	ORIG	0.32	0.25 U	280	120	--	--	0.22 U	0.15 U	0.22 U	20	0.83	0.67	0.17 U	0.22	2.4	0.55	--	1.6	1.3	0.52 J	86	4.3	24	86
IA-02	Center of Rink	TO-15 SIM	04-Aug-04	DUP	0.9	0.98 U	740	300	--	--	0.86 U	0.58 U	0.86 U	79 J	2.9	0.9 U	0.66 U	0.69 U	5.7 J	1.3	--	3.4	4.9 U	1.3	320	6.8 J	38	210
IA-02	Center of Rink	TO-15 SIM	12-Jan-05	ORIG	0.4	0.28 U	260	130	--	--	0.24 U	0.16 U	0.3	33	3.8	0.64	0.18 U	0.23	3.4	3.2	--	11	5.5	3.6 J	56	31	14	74
IA-02	Center of Rink	TO-15 SIM	30-Dec-04	ORIG	0.26	0.23 U	100	56	--	--	0.2 U	0.14 U	0.56	39	3.8	0.55	0.16 U	0.24	3	6.6	--	30	2.3	11	80	28	8.5	28
IA-02	Center of Rink	TO-15 SIM	04-Aug-04	ORIG	0.8	0.76 U	720	290	--	--	0.67 U	0.45 U	0.67 U	43 J	2.5	0.7 U	0.51 U	0.54 U	5.7 J	1.4	--	3.8	3.9 U	1.5	300	18 J	36	190
IA-05	First floor office area	TO-15 SIM	11-May-04	ORIG	0.45	0.25 U	26	23	--	--	0.22 U	0.15 U	0.23	41	1.3	0.56	0.17 U	0.24	2.9	1.6	--	5.4	1.5	2.1	110	10	4.4	7
IA-05	First floor office area	TO-15 SIM	14-Sep-05	ORIG	0.17 U	0.22 U	6.3	5.5	--	--	0.19 U	0.13 U	0.27	22	1.1	0.67	0.14 U	0.21	2	0.93	--	3.5	1.2	1	39	6.9	1.6	3.4
IA-06	Second floor office area	TO-15 SIM	11-May-04	ORIG	0.49	0.25 U	26	21	--	--	0.22 U	0.15 U	0.22 U	43	1.4	0.62	0.17 U	0.23	2.6	1.5	--	5.5	1.4	2.1	100	8.7	4	6.9
IA-06	Second floor office area	TO-15 SIM	14-Sep-05	ORIG	0.2 U	0.25 U	6.8	6	--	--	0.22 U	0.15 U	0.22 U	37	1.2	0.63	0.17 U	0.21	1.5	0.95	--	3.3	1.3	0.96	45	6.5	1.7	3.4
IA-07	Main work area	TO-15 SIM	11-May-04	DUP	0.74 U	0.94 U	31	18	--	--	0.82 U	0.55 U	0.82 U	1200 E	3.2 J	0.86 U	0.63 U	0.67 U	2.7	9.2	--	49	4.8	14	17	440	3.6	14
IA-07	Main work area	TO-15 SIM	11-May-04	ORIG	0.74 U	0.94 U	30	17	--	--	0.82 U	0.55 U	0.82 U	1100 E	2.6 J	0.86 U	0.63 U	0.67 U	2.3	8.6	--	46	4.7 U	13	16	420	3.5	13
IA-07	Main work area	TO-15 SIM	14-Sep-05	DUP	0.32	0.24 U	17	16	--	--	0.21 U	0.14 U	0.21 U	330 E	5	0.66	0.16 U	0.19	2.1	4.8	--	22	1.5	5.4	33	36	5.5	11
IA-07	Main work area	TO-15 SIM	14-Sep-05	ORIG	0.33	0.25 U	18	16	--	--	0.22 U	0.15 U	0.22 U	350 E	5.3	0.67	0.17 U	0.19	1.9	4.6	--	21	1.5	5.1	34	38	6.5	11
IA-09	Rear area of shop	TO-15 SIM	11-May-04	ORIG	4 U	5 U	5.6 J	1.6	--	--	4.4 U	2.9 U	4.4 U	5400 E	5.8 U	4.6 U	3.4 U	3.6 U	3.6 U	48	--	270	25 U	78	6	2400	3.9 U	4.1 U
IA-09	Rear area of shop	TO-15 SIM	14-Sep-05	ORIG	18 U	23 U	26 U	6.7 U	--	--	20 U	14 U	20 U	6000	27 U	21 U	15 U	16 U	17 U	14 U	--	29 U	120 U	14 U	23 U	74	18 U	19 U
IA-10	Front office area	TO-15 SIM	11-May-04	ORIG	0.46 U	0.59 U	40	5.1	--	--	0.51 U	0.34 U	0.95	3400 E	1	0.67	0.39 U	0.42 U	2.6 J	0.79	--	2.2	3.9	0.87	4.3	5.3	2.7	8.7
IA-10	Front office area	TO-15 SIM	14-Sep-05	ORIG	0.18 U	0.22 U	34	10	--	--	0.19 U	0.13 U	0.2	530 E	1	0.84	0.15 U	0.27	1.8	0.72	--	2.5	1.7	0.9	22	7.4	14	12
IA-11	Production area	TO-15 SIM	11-May-04	ORIG	0.21	0.24 U	36	6.6	--	--	0.21 U	0.14 U	0.21 U	39	1.1	0.8	0.16 U	0.2	3.3	0.85	--	2.7	5.1	1	6.2	7.3	2.6	8.9
IA-11	Production area	TO-15 SIM	14-Sep-05	ORIG	0.2 U	0.25 U	17	2.9	--	--	0.22 U	0.15 U	0.22 U	22	0.91	1.3	0.17 U	0.32	1.2	0.79	--	2.7	1.3 U	0.98	4.6	4.8	2.3	5.4
IA-13	Interior office area	TO-15 SIM	11-May-04	ORIG	0.22	0.23 U	4.1	2.7	--	--	0.2 U	0.14 U	0.2 U	28	6	0.58	0.16 U	0.25	2.6	4.4	--	20	2.1	5.6	3.2	40	0.92	3
IA-13	Interior office area	TO-15 SIM	14-Sep-05	ORIG	0.2 U	0.26 U	4.2	4.9	--	--	0.22 U	0.15 U	0.22 U	24	2.8	0.57	0.17 U	0.18 U	1.4	3.2	--	14	49	2.9	7.6	36	2.2	3.8
IA-14	Storage and work area	TO-15 SIM	11-May-04	ORIG	0.21	0.23 U	1.6	0.7	--	--	0.2 U	0.13 U	0.2 U	37	5.1	0.59	0.15 U	0.16 U	2.7	3.8	--	18	1.8	5	1	34	0.25	2
IA-14	Storage and work area	TO-15 SIM	14-Sep-05	ORIG	0.51 U	0.64 U	6.8	9.2	--	--	0.56 U	0.38 U	0.56 U	50	11	0.65	0.43 U	0.46 U	3.1	16	--	82	260	17	13	170	3.3	5.9
IA-18	Rear Interior Corner by Storage Room	TO-15 SIM	04-Aug-04	ORIG	0.87	0.64 U	600	250	--	--	0.56 U	0.38 U	0.56 U	44	2.2	0.64	0.43 U	0.45 U	5.2 J	1	--	3	3.4	1.1	270	7.2	25	170
IA-19	Office	TO-15	29-Dec-04	EPA	8.73 U	11 U	33.7	17.4	11.9 U	7.86 U	9.62 U	6.48 U	9.62 U	--	5.11 U	10.1 U	7.36 U	7.81 U	7.91 U	6.95 U	17.1 U	18.7 J	5.55 U	6.95 J	29.1	26.4	8.6 U	11.2 J
IA-19	Office	TO-15	12-Jan-05	EPA	8.18 U	10.3 U	34.5	12.7	11.1 U	7.37 U	9.01 U	6.07 U	9.01 U	--	4.79 U	9.43 U	6.9 U	7.32 U	7.41 U	6.51 U	16 U	13 U	5.21 U	6.51 U	10.2 U	12.8	8.06 U	10.7 J
IA-19	Office	TO-15 SIM	04-Aug-04	ORIG	0.26	0.26 U	10	3.6	--	--	0.22 U	0.15 U	0.27	41	1.6	0.64	0.17 U	0.18 U	3.4 J	0.84	--	2.1	1.6	0.8	9.5	5.1	1	4.5
IA-20	Boys Restroom	TO-15 SIM	14-Sep-05	ORIG	0.35 U	0.44 U	220	100	--	--	0.39 U	0.26 U	0.39 U	93	0.75	0.56	0.3 U	0.31 U	3.1	0.47	--	1.3	2.2 U	0.36	83	3.4	37	78
IA-20	Boys Restroom	TO-15 SIM	12-Jan-05	DUP	0.37	0.22 U	210 J	95	--	--	0.19 U	0.13 U	0.29	25	3	0.63	0.14 U	0.32	2.8	2.8	--	10	6	3.4 J	38	28	12	52
IA-20	Boys Restroom	TO-15 SIM	30-Dec-04	DUP	0.27	0.22 U	96	54	--	--	0.2 U	0.13 U	0.63	44	3.8	0.54	0.2	0.27	3.1	7.5	--	33	2.4	12	76	43 J	8.8	28
IA-20	Boys Restroom	TO-15 SIM	12-Jan-05	ORIG	0.26	0.18 U	170 J	78	--	--	0.16 U	0.11 U	0.31	29	3.3	0.62	0.12 U	0.3	3	3.2	--	12	5.1	4 J	33	25	11	45
IA-20	Boys Restroom	TO-15 SIM	30-Dec-04	ORIG	0.24	0.23 U	98	55	--	--	0.2 U	0.14 U	0.57	40	3.7	0.55	0.16 U	0.25	3	6.8	--	32	2.1	12	77	29 J	9	28
IA-20	Boys Restroom	TO-15 SIM	04-Aug-04	ORIG	1.2	1.3 U	880	550	--	--	1.1 U	0.77 U	1.1 U	90	3.4	1.2 U	0.88 U	0.93 U	5.4 J	1.5	--	4.2	6.6 U	1.6	770	6.9	270	350
IA-22	Kitchen	TO-15 SIM	14-Sep-05	ORIG	1.7 U	2.2 U	1000	290	--	--	1.9 U	1.3 U	1.9 U	32	2.5 U	2 U	1.4 U	1.5 U	6.5	1.4 U	--	2.7 U	11 U	1.4 U	69	3.3	27	280
IA-22	Kitchen	TO-15 SIM	12-Jan-05	ORIG	1 U	1.3 U	1000	280	--	--	1.2	0.77 U	1.8	29	27	1.2 U	0.87 U	0.93 U	5.2	36	--	130	12	44 J	44	140	14	210
IA-22	Kitchen	TO-15 SIM	30-Dec-04	ORIG	0.26	0.24 U	170	87	--	--	0.21 U	0.14 U	0.6	42	4.7	0.55	0.16 U	0.32	3.4	6.2	--	27	2.1	9.5	83	32	9.2	46
IA-22	Kitchen	TO-15 SIM	04-Aug-04	ORIG	1.1 U	1.4 U	1300	340	--	--	1.2 U	0.84 U	1.2 U	44	3.5	1.3 U	0.95 U	1 U	11 J	1.1	--	2.8	7.2 U	1.1	160	6	38	310
IA-23	Dance Floor	TO-15 SIM	04-Aug-04	ORIG	0.99 U	1.2 U	1000	320	--	--	1.1 U	0.74 U	1.1 U	29	3.1	1.1 U	0.84 U	0.89 U	7.2	1.2	--	2.9	6.3 U	1.1	160	6.9	24	260
IA-26	Girls Restroom	TO-15 SIM	14-Sep-05	ORIG	0.39	0.23 U	210	88	--	--	0.2 U	0.14 U	0.2 U	95 E	0.75	0.63	0.15 U	0.29	2.4	0.59	--	1.6	1.3	0.52	59	3.7	18	66
IA-26	Girls Restroom	TO-15 SIM	12-Jan-05	ORIG	0.26	0.23 U	220	100	--	--	0.2 U	0.14 U	0.32	50	3.1	0.71	0.15 U	0.36	3	1.9	--	8	2.8	2.6 J	43	12	14	59
IA-26	Girls Restroom	TO-15 SIM	30-Dec-04	ORIG	0.3 U	0.37 U	81	45	--	--	0.33 U	0.22 U	0.63	44	4.5	0.53	1.2	0.4	3.2	10	--	33	3.4	12	65	150	7.5	24
IA-27	Admin Office	TO-15 SIM	08-Sep-06	ORIG	0.34 U	0.43 U	1.2	0.2	--	--	0.38 U	0.26 U	0.38 U	95	1.2	0.52	0.29 U	0.66	2.9	1	--	3	2.2 U	1.2	0.43 U	16	0.34 U	1.7
IA-28	Nurses Station	TO-15 SIM	08-Sep-06	ORIG	0.35 U	0.44 U	1.6	0.23	--	--	0.39 U	0.32	0.39	99	1.1	0.5	0.3 U	0.57	3.4	0.94	--	3.1	2.2 U	1.3	0.44	17	0.35 U	1.8
IA-30	Admin Office	TO-15 SIM	08-Sep-06	ORIG	0.34 U	0.42 U	3.9	5.3	--	--	0.37 U	0.25 U	0.37 U	64 J	1.2	0.57	0.28 U	0.3 U	3.1	0.72 J	--	2.4 J	2.2 U	0.93	9.3	6.5	0.5	2.3
IA-30	Admin Office	TO-15 SIM	08-Sep-06	DUP	0.16 U	0.2 U	4	5.8	--	--	0.18 U	0.12 U	0.32	18 J	1.1	0.58	0.14 U	0.15	2.9	0.9 J	--	3 J	1 J	1.1	11	7.7	0.56	2.4
IA-31	Interior Store	TO-15 SIM	08-Sep-06	ORIG	0.19	0.22 U	10	14	--	--	0.19 U	0.13 U	0.21	28	1.2	0.51	0.15 U	0.18	2.7	1.7	--	4.9	1.7	1.7	29	8.4	1.5	3.7
IA-32	Warehouse	TO-15 SIM	08-Sep-06	ORIG	0.18 U	0.22 U	3.4	3.6	--	--	0.19 U	0.13 U	0.19 U	31	1.2	0.54	0.15 U	0.16 U	2.9	1	--	3.7	1.1 U	1.4	7.1	6.9	0.44	2.2
IA-34	Small Production Room	TO-15 SIM	08-Sep-06	ORIG	0.89 U	1.1 U	14	3.6	--	--	0.99 U	0.66 U	0.99 U	1200 E	1.3	1 U	0.76 U	0.8 U	2.9	0.95	--	2.9	5.7 U	1	1.1 U	570	0.88 U	3.2
IA-35	Large Production Room	TO-15 SIM	08-Sep-06	ORIG	0.39 U	0.49 U	8.7	2.5	--	--	0.43 U	0.29 U	0.43 U	480 E	2.2	0.52	0.33 U	0.37	3.2	2	--	7.3	5.9	2.6	1.6	210	0.38 U	2.9
IA-36	Admin Office	TO-15 SIM	08-Sep-06	ORIG	0.15 U	0.18 U	0.7	0.06	--	--	0.16 U	0.11 U	0.16	74 E	1.6	0.5	0.12 U	0.14	2.6	1.2	--	4.5	5.2	1.7	0.24	10	1.2	1.5
IA-37	Building Interior	TO-15 SIM	08-Sep-06	ORIG	1.3 U	1.6 U	1.9	0.47 U	--	--	1.4 U	0.96 U	1.4 U	430	1.9 U	1.5 U	1.1 U	1.2 U	2.6	1 U	--	2.1 U	8.3 U	1 U	1.6 U	2.8	1.3 U	1.6

Notes:
All units are reported in micrograms per cubic meter (ug/m3)
Only VOCs detected in one or more indoor air samples are listed
U = Not detected at a concentration greater than the reporting limit shown
J or E = Estimated concentration
-- = Analyte not reported
Sample Type:
ORIG = Primary sample
DUP = Duplicate sample
EPA = Sample collected by EPA

Table A-12
Omega Chemical Superfund Site
Summary of Soil Analytical Data
Field Duplicates

Location ID	Sample ID	Sample Date	Sample Type	Depth	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloro ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,4-Dichloro-benzene	1,4-Dioxane	Acetone	Benzene	Bromoform	Chloroform	Cis-1,2-Dichloro-ethene	Di-Isopropyl Ether	Methylene Chloride	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane (Freon 11)
GP2	OC-SB-GP2-065-102803	28-Oct-03	ORIG	65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4200	ND	ND	180	ND
GP2	OC-SB-GP2-500-102803	28-Oct-03	DUP	65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4000	ND	ND	170	ND
			RPD																			5			6	
MIP1-B3	MIP1-B3-29	19-Dec-05	ORIG	29	ND	0.97	27	7.6	4.1	200	ND	ND	ND	ND	ND	ND	ND	8.5	ND	ND	ND	2200	ND	12	230	22
MIP1-B3	MIP1-B3-29K	19-Dec-05	DUP	29	ND	ND	15	6.9	3.1	130	ND	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	2400	ND	8.6	150	12
			RPD			nc	***57***	10	28	***42***								17				9		33	***42***	***59***
MIP3-B2	MIP3-B2-57	17-Dec-05	ORIG	57	2.6	30	ND	25	26	50	ND	74	ND	ND	21	7.8	ND	65	ND	ND	33	6900	1.6	2.6	120	ND
MIP3-B2	MIP3-B2-57K	17-Dec-05	DUP	57	2.1	28	ND	23	24	46	ND	72	ND	ND	23	7.3	ND	57	ND	ND	33	3600	1.6	2.5	110	ND
			RPD		21	7		8	8	8		3			9	7		13			0	***63***	0	4	9	
MIP8-B4	MIP8-B4-56	07-Mar-06	ORIG	56	1.2	5.9	ND	ND	12	52	ND	1.8	ND	1100	ND	4	ND	360	9.2	ND	12	3300	2.4	2.3	98	ND
MIP8-B4	MIP8-B4-56K	07-Mar-06	DUP	56	1.4	6.3	ND	ND	15	53	ND	2.3	ND	1000	ND	4.7	ND	450	14	0.99	14	5200	2.4	2.6	120	ND
			RPD		15	7			22	2		24		10		16		22	***41***	nc	15	***45***	0	12	20	
VP21-B6	VP21-B6-35	08-Mar-06	ORIG	35	ND	ND	23	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	860	ND	ND	41	9.6
VP21-B6	VP21-B6-35K	08-Mar-06	DUP	35	ND	ND	17	ND	ND	96	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	1100	ND	ND	41	9.3
			RPD				30			4								0				24			0	3

Notes:
Only analytes detected in one or more soil samples are shown on table
RPD = Relative percent difference
RPDs shown in bold italics exceed 35 percent criterion
ND = not detected
nc = not calculated

Table A-13
Omega Chemical Superfund Site
Summary of Soil Vapor Analytical Data
Field Duplicates

Location ID	Sample ID	Sample Date	Sample Type	Depth	1,1,1-Trichloro-ethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trimethyl-benzene	1,2-Dichloro-ethane	1,3,5-Trimethyl-benzene	1,3-Butadiene	2,2,4-Trimethyl-pentane	2-Butanone	2-Hexanone	2-Propanol	4-Ethyl-toluene	Acetone	Benzene	Carbon Disulfide	Chloroform	Cis-1,2-Dichloro-ethene	Cyclo-hexane	Dichloro-difluoro-methane	Ethanol	Ethylbenzene	Heptane	Hexane	m,p-Xylenes	Methylene Chloride	o-Xylene	Tetrachloro-ethene	Tetrahydro-furan	Toluene	Trans-1,2-dichloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane (Freon 11)
SG-01	OC-SG-12-01-041204	12-Apr-04	ORIG	12	ND	29	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	52	ND	ND	ND	6.4	7.3
SG-01	OC-SG-512-01-041204	12-Apr-04	DUP	12	ND	15	ND	ND	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	0.0608	ND	ND	9.5	ND	0.0346	ND	1.5	3.8
			RPD			***64***			***78***										nc						20				nc			***138***	nc		***124***	***63***	
SG-06	OC-SG-06-06-041204	12-Apr-04	ORIG	6	8.2	1200	ND	3	550	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	1400	ND	ND	10	180	410
SG-06	OC-SG-506-06-041204	12-Apr-04	DUP	6	9.8	1500	ND	3.5	710	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	1600	ND	ND	12	230	510
			RPD		18	***22***		15	***25***													15									13			18	***24***	***22***	
SG-09	OC-SG-06-09-041304	13-Apr-04	ORIG	6	ND	1100	ND	ND	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.7	ND	ND	ND	ND	ND	ND	ND	ND	680	ND	ND	ND	59	390
SG-09	OC-SG-506-09-041304	13-Apr-04	DUP	6	ND	1100	ND	ND	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.1	ND	ND	ND	ND	ND	ND	ND	ND	680	ND	ND	ND	54	390
			RPD			0			0														5									9				9	0
SH-4F	OC-SSD-SH-4F-092205	23-Sep-05	ORIG		0.0927	123	ND	0.0526	147	0.103	ND	0.0388	ND	ND	ND	ND	ND	0.0221	ND	0.0201	ND	ND	ND	ND	0.0494	ND	0.0313	ND	ND	0.0955	ND	0.104	129	0.0192	0.0753	ND	124	61.8
SH-4F	OC-SSD-SH-4FK-092205	23-Sep-05	DUP		0.0873	107	ND	0.0486	135	0.737	ND	0.28	ND	ND	ND	ND	ND	0.26	ND	0.575	ND	ND	0.0134	0.516	0.0544	ND	0.695	1.19	0.81	0.955	ND	0.995	122	ND	6.4	ND	118	61.8
			RPD		6	14		8	9	***151***		***151***						***169***		***186***			nc	nc	10		***183***	nc	nc	***164***		***161***	6	nc	***195***		5	0
VP-01	OC-SG-070-VP01-081905	19-Aug-05	ORIG	70	1.7	1000	ND	2.6	1100	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.2	ND	4.4	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	ND	ND	7.9	160	390
VP-01	OC-SG-070K-VP01-081905	19-Aug-05	DUP	70	1.6	920	ND	2.6	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	2.8	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	7.5	150	370
			RPD		6	8		0	10										***36***		***44***	0											***50***		5	6	5
VP-02	OC-SG-060-VP02-082205	22-Aug-05	ORIG	60	14	1400	ND	19	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	38	ND	29	20	ND	ND	ND	ND	ND	ND	ND	ND	28	ND	490	ND	2.8	63	180	240
VP-02	OC-SG-060K-VP02-082205	22-Aug-05	DUP	60	19	3600	ND	25	2200	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	ND	26	27	ND	ND	ND	ND	ND	ND	ND	ND	31	ND	1200	ND	ND	87	310	730
			RPD		***30***	***88***		***27***	***98***										20		11	***30***									10		***84***		***32***	***53***	***101***	
VP-03	OC-SG-012-VP03-081805	18-Aug-05	ORIG	12	43	280	ND	21	220	ND	0.89	ND	ND	ND	ND	ND	ND	ND	ND	0.8	2.7	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	530	ND	ND	5.9	42	79
VP-03	OC-SG-012K-VP03-081805	18-Aug-05	DUP	12	55	380	ND	27	310	ND	1.3	ND	ND	ND	ND	ND	ND	ND	14	1.2	16	19	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	1100	ND	ND	7.5	100	100
			RPD		***24***	***30***		***25***	***34***		***37***								nc	***40***	***142***	***24***									nc		***70***		***24***	***82***	***23***	
VP-04	OC-SG-040-VP04-082205	22-Aug-05	ORIG	40	29	1300	ND	25	1100	ND	ND	ND	ND	ND	ND	2.7	ND	ND	8.3	1.7	11	41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1100	ND	1.2	44	180	390
VP-04	OC-SG-040K-VP04-082205	22-Aug-05	DUP	40	33	1300	ND	28	1100	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.3	2	8.4	48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	950	ND	1.4	52	200	360
			RPD		13	0		11	0							nc			0	16	***27***	16											15		15	17	11	8
VP-05	OC-SG-018-VP05-081705	17-Aug-05	ORIG	18	380	740	1.1	81	440	ND	9.3	ND	ND	ND	ND	ND	ND	ND	4.5	2.7	3.4	23	0.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	1200	ND	0.64	10	100	200
VP-05	OC-SG-018K-VP05-081705	17-Aug-05	DUP	18	290	590	0.98	61	350	ND	7.3	ND	ND	ND	ND	ND	ND	ND	4	2.2	4	18	0.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	950	ND	0.6	7.9	81	150
			RPD		***27***	***23***	12	***28***	***23***		***24***								12	20	16	***24***	***26***										***23***		6	***23***	***21***	***29***
VP-06	OC-SG-060-VP06-081605	16-Aug-05	ORIG	60	180	230	ND	8.9	83	ND	11	ND	ND	ND	ND	ND	ND	ND	4.5	ND	5.3	5.9	ND	ND	ND	ND	ND	ND	ND	3	ND	810	ND	ND	0.83	30	26
VP-06	OC-SG-060K-VP06-081605	16-Aug-05	DUP	60	250	290	ND	12	110	ND	16	ND	ND	ND	ND	ND	ND	ND	5.5	ND	5.6	8.3	ND	ND	ND	ND	ND	ND	ND	ND	3.5	ND	810	ND	ND	1	35	33
			RPD		***33***	***23***		***30***	***28***		***37***								20	6	***34***										15		0		19	15	***24***	
VP-07	OC-SG-040-VP07-081505	15-Aug-05	ORIG	40	45	400	ND	5.3	140	ND	5.3	ND	ND	ND	ND	ND	ND	ND	4.3	0.48	5.9	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	680	ND	0.53	2.2	44	84
VP-07	OC-SG-040K-VP07-081505	15-Aug-05	DUP	40	60	480	ND	1.7	190	ND	2.5	ND	ND	ND	ND	ND	ND	ND	ND	0.18	ND	4.4	0.093	ND	ND	ND	ND	ND	ND	ND	ND	ND	680	ND	ND	0.83	70	120
			RPD		***29***	18		***103***	***30***		***72***									***91***		***93***	nc									0	nc	***90***	***46***	***35***	
VP-09	OC-SG-024-VP09-081605	16-Aug-05	ORIG	24	4.9	330	ND	2.2	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	1.8	1.5	2.9	ND	ND	ND	ND	ND	ND	ND	0.73	ND	95	ND	0.18	0.29	4.9	53
VP-09	OC-SG-024K-VP09-081605	16-Aug-05	DUP	24	5.2	340	ND	2.3	63	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	ND	1.7	1.6	3.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	0.31	5.9	54
			RPD		6	3		4	5										***38***		6	6	10									nc		***23***		7	19	2
VP-09	OC-SG-070-VP09-081605	16-Aug-05	ORIG	70	71	550	ND	14	480	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	11	21	2.6	ND	ND	ND	ND	ND	ND	ND	3.4	ND	410	ND	ND	3	18	79
VP-09	OC-SG-070U-VP09-081605	16-Aug-05	DUP	70	93	680	ND	17	550	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.1	ND	7.2	25	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	ND	ND	3.4	14	90
			RPD		***27***	***21***		19	14										***65***		***42***	17	11									nc		***88***		13	***25***	13	
VP-14	OC-SG-044-VP14-121505	15-Dec-05	ORIG	44	ND	1600	ND	ND	1200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	ND	ND	ND	68	350
VP-14	OC-SG-044K-VP14-121505	15-Dec-05	DUP	44	ND	1600	ND	ND	1200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	400	ND	ND	ND	69	360
			RPD			0			0													5											5			1	3	
VP-15	OC-SG-012-VP15-121405	14-Dec-05	ORIG	12	ND	1000	ND	ND	860	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	900	ND	ND	ND	58	200
VP-15	OC-SG-012K-VP15-121405	14-Dec-05	DUP	12	ND	650	ND	ND	550	ND	ND	ND	ND	ND	ND	ND	ND	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	520	ND	2.7	ND	38	160
			RPD			***42***			***44***									nc			***22***												***54***		nc	***42***	***22***	
VP-16	OC-SG-032-VP16-121305	13-Dec-05	ORIG	32	ND	440	ND	ND	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	ND	ND	25	99
VP-16	OC-SG-032K-VP16-121305	13-Dec-05	DUP	32	ND	420	ND	ND	310	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	ND	ND	24	93
			RPD			5			6																								0				4	6
VP-18	OC-SG-038-VP18-121505	15-Dec-05	ORIG	38	ND	1800	ND	ND	1400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	450	ND	ND	ND	60	310
VP-18	OC-SG-038K-VP18-121505	15-Dec-05	DUP	38	ND	2000	ND	ND	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	ND	ND	ND	66	340
			RPD			11			13																								11				10	9
VP-19	OC-SG-050-VP19-121305	13-Dec-05	ORIG	50	ND	9.2	ND	0.053	2.1	ND	ND	ND	0.028	0.99	0.11	ND	ND	ND	0.16	0.078	ND	0.037	ND	0.035	ND	ND	ND	0.14	0.68	0.036	0.041	ND	0.3	ND	0.087	ND	1.2	3.5
VP-19	OC-SG-050K-VP19-121305	13-Dec-05	DUP	50	ND	9.4	ND	0.055	2.2	ND	ND	ND	0.031	1	0.07	ND	ND	ND	0.15	0.08	ND	0.04	ND	0.036	ND	ND	ND	0.14	0.71	0.037	0.041	ND	0.3	ND	0.087	ND	1.2	3.6
			RPD			2		4	5				10	1	***44***				6	3		8		3				0	4	3	0		0			0	3	
VP-21	OC-SG-035-VP21-030806	08-Mar-06	ORIG	35	ND	100	ND	ND	90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.34	ND	39	ND	ND	ND	5.9	26
VP-21	OC-SG-035K-VP21-030806	08-Mar-06	DUP	35	ND	120	ND	ND	98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.32	ND	44	ND	ND	ND	6.5	28
			RPD			18			9																						6		10			12	7	
VP-23	OC-SG-045-VP23-030906	09-Mar-06	ORIG	45	ND	9.9	ND	ND	5.2	ND	ND	ND	0.078	ND	0.082	ND	ND	ND	0.15	0.042	0.022	ND	ND	ND	0.074	ND	ND	ND	ND	0.042	0.039	0.034	ND	0.38	ND	0.11	ND	ND	2.1
VP-23	OC-SG-045K-VP23-030906	09-Mar-06	DUP	45	ND	9.4	ND	ND	4.9	ND	ND	ND	0.077	ND	0.084	ND	ND	ND	0.16	0.041	0.026	ND	ND	ND	0.072	ND	ND	ND	ND	0.039	0.038	0.033	ND	0.37	ND	0.1	ND	ND	2
			RPD			5			6				1		2				6	2	17				3					7	3	3		3		10		5	
VP-27	OC-SG-060-VP27-053106	31-May-06	ORIG	60	ND	0.062	ND	ND	ND	0.011	ND	ND	0.32	ND	0.017	ND	ND	0.0091	0.095	0.11	0.022	ND	ND	0.035	ND	0.028	0.013	0.54	0.7	0.043	0.0053	0.015	0.015	ND	0.11	ND	ND	0.04
VP-27	OC-SG-060K-VP27-053106	31-May-06	DUP	60	ND	0.024	ND	ND	ND	0.005	ND	ND	0.099	ND	0.011	ND	ND	ND	0.12	0.018	0.0038	ND	ND	0.0077	ND	0.028	0.0051	0.066	0.13	0.016	0.0059	0.005	ND	ND	0.048	ND	ND	0.014
			RPD			***88***				***75***			***105***		***43***				nc	***23***	***144***	***141***			***128***		0	***87***	***156***	***137***	***92***	11	***100***			***78***		***96***	
VP-29	OC-SG-029-VP29-030606	06-Mar-06	ORIG	29	ND	1500	ND	ND	640	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	ND	71	400
VP-29	OC-SG-029K-VP29-030606	06-Mar-06	DUP	29	ND	1500	ND	ND	620	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	ND	71	390
			RPD			0			3																								0				0	3

Notes:
Only analytes detected in one or more soil gas samples are shown on table
RPD = Relative percent difference
RPDs shown in bold italics exceed 20 percent criterion
ND = not detected
nc = not calculated

Table A-14
Omega Chemical Superfund Site
Summary of Air Analytical Data
Field Duplicates

Location ID	Sample ID	Sample Date	Sample Type	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-1,2,2-trifluoro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,4-Dichloro-benzene	Acetone	Benzene	Carbon Tetrachloride	Chlorobenzene	Chloroform	Dichloro-difluoro-methane	Ethylbenzene	m,p-Xylenes	Methyl Tert-Butyl Ether	Methylene Chloride	o-Xylene	Tetrachloro-ethene	Toluene	Trichloro-ethene	Trichloro-fluoro-methane (Freon 11)
AA-04	OC-AA-FS-04-051104	11-May-04	ORIG	ND	ND	1.1	ND	0.16	ND	ND	ND	19	1.3	0.5	ND	ND	2.7	1.4	5	ND	ND	1.9	0.86	6.7	0.48	1.7
AA-04	OC-AA-FD-04-051104	11-May-04	DUP	ND	ND	1.1	ND	0.12	ND	ND	ND	14	0.9	0.6	ND	ND	2.9	0.47	1.5	ND	ND	0.52	0.57	3.3	0.42	1.8
			RPD			0		***29***				***30***	***36***	18			7	***99***	***108***			***114***	***41***	***68***	13	6
IA-02	OC-AA-FS-02-051104	11-May-04	ORIG	ND	ND	350	ND	130	ND	ND	ND	21	ND	ND	ND	ND	4	2.1	6.7	ND	ND	2	1100	12	16	120
IA-02	OC-AA-FD-02-051104	11-May-04	DUP	ND	ND	310	ND	120	ND	ND	ND	20	ND	ND	ND	ND	3.4	2	6.5	ND	ND	2	880	10	14	100
			RPD			12		8				5					16	5	3			0	***22***	18	13	18
IA-02	OC-IA-FS-16-080404	04-Aug-04	ORIG	0.8	ND	720	2.9	290	ND	ND	ND	43	2.5	ND	ND	ND	5.7	1.4	3.8	ND	ND	1.5	300	18	36	190
IA-02	OC-IA-FD-16-080404	04-Aug-04	DUP	0.9	ND	740	ND	300	ND	ND	ND	79	2.9	ND	ND	ND	5.7	1.3	3.4	ND	ND	1.3	320	6.8	38	210
			RPD	12		3		3				***59***	15				0	7	11			14	6	***90***	5	10
IA-02	OC-AA-FS-02-091405	14-Sep-05	ORIG	0.32	ND	280	ND	120	ND	ND	ND	20	0.83	0.67	ND	0.22	2.4	0.55	1.6	ND	1.3	0.52	86	4.3	24	86
IA-02	OC-AA-FD-02-091405	14-Sep-05	DUP	0.33	ND	280	ND	120	ND	ND	ND	19	0.8	0.68	ND	0.22	2.7	0.51	1.4	ND	ND	0.4	84	4.1	23	86
			RPD	3		0		0				5	4	1		0	12	8	13			***26***	2	5	4	0
IA-07	OC-AA-FS-07-051104	11-May-04	ORIG	ND	ND	30	ND	17	ND	ND	ND	1100	2.6	ND	ND	ND	2.3	8.6	46	ND	ND	13	16	420	3.5	13
IA-07	OC-AA-FD-07-051104	11-May-04	DUP	ND	ND	31	ND	18	ND	ND	ND	1200	3.2	ND	ND	ND	2.7	9.2	49	ND	4.8	14	17	440	3.6	14
			RPD			3		6				9	***21***				16	7	6			7	6	5	3	7
IA-07	OC-IA-FS-07-091405	14-Sep-05	ORIG	0.33	ND	18	ND	16	ND	ND	ND	350	5.3	0.67	ND	0.19	1.9	4.6	21	ND	1.5	5.1	34	38	6.5	11
IA-07	OC-IA-FD-07-091405	14-Sep-05	DUP	0.32	ND	17	ND	16	ND	ND	ND	330	5	0.66	ND	0.19	2.1	4.8	22	ND	1.5	5.4	33	36	5.5	11
			RPD	3		6		0				6	6	2		0	10	4	5		0	6	3	5	17	0
IA-20	OC-IA-FS-01-122904	30-Dec-04	ORIG	0.24	ND	98	ND	55	ND	ND	0.57	40	3.7	0.55	ND	0.25	3	6.8	32	ND	2.1	12	77	29	9	28
IA-20	OC-IA-FD-01-122904	30-Dec-04	DUP	0.27	ND	96	ND	54	ND	ND	0.63	44	3.8	0.54	0.2	0.27	3.1	7.5	33	ND	2.4	12	76	43	8.8	28
			RPD	12		2		2			10	10	3	2		8	3	10	3		13	0	1	***39***	2	0
IA-20	OC-IA-FS-01-011205	12-Jan-05	ORIG	0.26	ND	170	ND	78	ND	ND	0.31	29	3.3	0.62	ND	0.3	3	3.2	12	ND	5.1	4	33	25	11	45
IA-20	OC-IA-FD-01-011205	12-Jan-05	DUP	0.37	ND	210	ND	95	ND	ND	0.29	25	3	0.63	ND	0.32	2.8	2.8	10	ND	6	3.4	38	28	12	52
			RPD	***35***		***21***		20			7	15	10	2		6	7	13	18		16	16	14	11	9	14
IA-30	OC-IA-BIS-AO-090806	08-Sep-06	ORIG	ND	ND	3.9	ND	5.3	ND	ND	ND	64	1.2	0.57	ND	ND	3.1	0.72	2.4	ND	ND	0.93	9.3	6.5	0.5	2.3
IA-30	OC-IA-BIS-AOK-090806	08-Sep-06	DUP	ND	ND	4	ND	5.8	ND	ND	0.32	18	1.1	0.58	ND	0.15	2.9	0.9	3	ND	1	1.1	11	7.7	0.56	2.4
			RPD			3		9				***112***	9	2			7	***22***	***22***			17	17	17	11	4

Notes:
Only analytes detected in one or more air samples are shown on table
RPD = Relative percent difference
RPDs shown in bold italics exceed 20 percent criterion
ND = not detected
nc = not calculated

Table A-15
Omega Chemical Superfund Site
Summary of Qualified Data

Location ID	Sample ID	Media	Sample Type	Sample Date	Analyte	Result	Units	Reporting Limit	Overall Qualifier	Validation Qualifier	Validation Level	Basis for Qualification
	OC-SG-TB01	SG	Trip Blank	12-Dec-05	2-PROPANOL	4.9	UG/M3	4.9	UJ	J	III	Low LCS
	OC-SG-TB01	SG	Trip Blank	12-Dec-05	BENZYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low LCS
	OC-SG-TB01	SG	Trip Blank	12-Dec-05	ETHANOL	3.8	UG/M3	3.8	UJ	J	III	Low LCS
	OC-SG-TB02	SG	Trip Blank	13-Dec-05	2-PROPANOL	4.9	UG/M3	4.9	UJ	J	III	Low LCS
	OC-SG-TB02	SG	Trip Blank	13-Dec-05	BENZYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low LCS
	OC-SG-TB02	SG	Trip Blank	13-Dec-05	ETHANOL	3.8	UG/M3	3.8	UJ	J	III	Low LCS
	OC-SG-TB03	SG	Trip Blank	14-Dec-05	2-PROPANOL	4.9	UG/M3	4.9	UJ	J	III	Low LCS
	OC-SG-TB03	SG	Trip Blank	14-Dec-05	BENZYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low LCS
	OC-SG-TB03	SG	Trip Blank	14-Dec-05	ETHANOL	3.8	UG/M3	3.8	UJ	J	III	Low LCS
	OC-SG-TB04	SG	Trip Blank	15-Dec-05	2-PROPANOL	4.9	UG/M3	4.9	UJ	J	III	Low LCS
	OC-SG-TB04	SG	Trip Blank	15-Dec-05	BENZYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low LCS
	OC-SG-TB04	SG	Trip Blank	15-Dec-05	ETHANOL	3.8	UG/M3	3.8	UJ	J	III	Low LCS
	OC-SG-TRIPBLANK-060106	SG	Trip Blank	31-May-06	1,2,4-TRIMETHYLBENZENE	2.4	UG/M3	2.4	UJ	J	III	Low LCS
	OC-SG-TRIPBLANK-060106	SG	Trip Blank	31-May-06	VINYL CHLORIDE	1.3	UG/M3	1.3	UJ	J	III	Low CCV
	OC-TB01-030606	SG	Trip Blank	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	2.3	UG/M3	2.3	UJ	J	III	Low LCS
	OC-TB02-030706	SG	Trip Blank	07-Mar-06	TRANS-1,3-DICHLOROPROPENE	2.3	UG/M3	2.3	UJ	J	III	Low LCS
	OC-TB03-030806	SG	Trip Blank	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	2.3	UG/M3	2.3	UJ	J	III	Low LCS
	OC-TB04-030906	SG	Trip Blank	09-Mar-06	TRANS-1,3-DICHLOROPROPENE	2.3	UG/M3	2.3	UJ	J	III	Low LCS
	TRIP BLANK	SG	Trip Blank	12-Nov-04	ETHANOL	3.9	UG/M3	3.9	UJ	J	III	Low LCS
AA-03	OC-AA-FS-03-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	0.67	UG/M3	0.67	UJ	J	III	Low LCS
AA-04	OC-AA-FD-04-051104	Air	Duplicate	11-May-04	1,1-DICHLOROETHENE	0.12	UG/M3	0.059	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FD-04-051104	Air	Duplicate	11-May-04	ACETONE	14	UG/M3	1.8	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FD-04-051104	Air	Duplicate	11-May-04	BENZENE	0.9	UG/M3	0.24	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FD-04-051104	Air	Duplicate	11-May-04	ETHYLBENZENE	0.47	UG/M3	0.13	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FD-04-051104	Air	Duplicate	11-May-04	M,P-XYLENES	1.5	UG/M3	0.26	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FD-04-051104	Air	Duplicate	11-May-04	METHYL TERT-BUTYL ETHER	0.54	UG/M3	0.54	UJ	J	III	Low LCS
AA-04	OC-AA-FD-04-051104	Air	Duplicate	11-May-04	O-XYLENE	0.52	UG/M3	0.13	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FD-04-051104	Air	Duplicate	11-May-04	TETRACHLOROETHENE	0.57	UG/M3	0.2	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FD-04-051104	Air	Duplicate	11-May-04	TOLUENE	3.3	UG/M3	0.11	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FS-03-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.66	UG/M3	0.66	UJ	J	III	Low CCV
AA-04	OC-AA-FS-04-051104	Air	ORIG	11-May-04	1,1-DICHLOROETHENE	0.16	UG/M3	0.074	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FS-04-051104	Air	ORIG	11-May-04	ACETONE	19	UG/M3	2.2	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FS-04-051104	Air	ORIG	11-May-04	BENZENE	1.3	UG/M3	0.3	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FS-04-051104	Air	ORIG	11-May-04	ETHYLBENZENE	1.4	UG/M3	0.16	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FS-04-051104	Air	ORIG	11-May-04	M,P-XYLENES	5	UG/M3	0.32	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FS-04-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	0.67	UG/M3	0.67	UJ	J	III	Low LCS
AA-04	OC-AA-FS-04-051104	Air	ORIG	11-May-04	O-XYLENE	1.9	UG/M3	0.16	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FS-04-051104	Air	ORIG	11-May-04	TETRACHLOROETHENE	0.86	UG/M3	0.25	J	J	III	Field Duplicate Precision
AA-04	OC-AA-FS-04-051104	Air	ORIG	11-May-04	TOLUENE	6.7	UG/M3	0.14	J	J	III	Field Duplicate Precision
AA-08	OC-AA-FS-08-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	0.98	UG/M3	0.98	UJ	J	III	Low LCS
AA-08	OC-AA-FS-08-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.67	UG/M3	0.67	UJ	J	III	Low CCV
AA-12	OC-AA-FS-12-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	0.66	UG/M3	0.66	UJ	J	III	Low LCS
AA-15	OC-AA-FS-15-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	3.4	UG/M3	3.4	UJ	J	III	Low LCS
AA-17	OC-AA-FS-17-080404	AIR	ORIG	04-Aug-04	DICHLORODIFLUOROMETHANE	3.5	UG/M3	0.18	J	J	III	Low CCV
AA-24	OC-AA-FS-24-080404	AIR	ORIG	04-Aug-04	DICHLORODIFLUOROMETHANE	3.4	UG/M3	0.17	J	J	III	Low CCV
IA-01	OC-AA-FS-01-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	2.6	UG/M3	2.6	UJ	J	III	Low LCS
IA-01	OC-IA-FS-21-080404	AIR	ORIG	04-Aug-04	DICHLORODIFLUOROMETHANE	5.4	UG/M3	0.44	J	J	III	Low CCV
IA-02	OC-AA-FD-02-051104	Air	Duplicate	11-May-04	METHYL TERT-BUTYL ETHER	3	UG/M3	3	UJ	J	III	Low LCS
IA-02	OC-AA-FD-02-051104	Air	Duplicate	11-May-04	TETRACHLOROETHENE	880	UG/M3	1.1	J	J	III	Field Duplicate Precision
IA-02	OC-AA-FD-02-091405	AIR	Duplicate	14-Sep-05	METHYL TERT-BUTYL ETHER	0.82	UG/M3	0.82	UJ	J	III	Low CCV
IA-02	OC-AA-FD-02-091405	AIR	Duplicate	14-Sep-05	O-XYLENE	0.4	UG/M3	0.2	J	J	III	Field Duplicate Precision
IA-02	OC-AA-FS-02-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	3.2	UG/M3	3.2	UJ	J	III	Low LCS
IA-02	OC-AA-FS-02-051104	Air	ORIG	11-May-04	TETRACHLOROETHENE	1100	UG/M3	1.2	J	J	III	Field Duplicate Precision
IA-02	OC-AA-FS-02-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.66	UG/M3	0.66	UJ	J	III	Low CCV
IA-02	OC-AA-FS-02-091405	AIR	ORIG	14-Sep-05	O-XYLENE	0.52	UG/M3	0.16	J	J	III	Field Duplicate Precision
IA-02	OC-IA-FD-16-080404	AIR	Duplicate	04-Aug-04	ACETONE	79	UG/M3	8.4	J	J	III	Field Duplicate Precision
IA-02	OC-IA-FD-16-080404	AIR	Duplicate	04-Aug-04	DICHLORODIFLUOROMETHANE	5.7	UG/M3	0.7	J	J	III	Low CCV
IA-02	OC-IA-FD-16-080404	AIR	Duplicate	04-Aug-04	TOLUENE	6.8	UG/M3	0.54	J	J	III	Field Duplicate Precision
IA-02	OC-IA-FS-04-011205	AIR	ORIG	12-Jan-05	O-XYLENE	3.6	UG/M3	0.17	J	J	III	High CCV
IA-02	OC-IA-FS-16-080404	AIR	ORIG	04-Aug-04	ACETONE	43	UG/M3	6.6	J	J	III	Field Duplicate Precision
IA-02	OC-IA-FS-16-080404	AIR	ORIG	04-Aug-04	DICHLORODIFLUOROMETHANE	5.7	UG/M3	0.55	J	J	III	Low CCV
IA-02	OC-IA-FS-16-080404	AIR	ORIG	04-Aug-04	TOLUENE	18	UG/M3	0.42	J	J	III	Field Duplicate Precision
IA-05	OC-AA-FS-05-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	0.66	UG/M3	0.66	UJ	J	III	Low LCS
IA-05	OC-IA-FD-05-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.57	UG/M3	0.57	UJ	J	III	Low CCV
IA-06	OC-AA-FS-06-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	0.66	UG/M3	0.66	UJ	J	III	Low LCS
IA-06	OC-IA-FD-06-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.66	UG/M3	0.66	UJ	J	III	Low CCV
IA-07	OC-AA-FD-07-051104	Air	Duplicate	11-May-04	BENZENE	3.2	UG/M3	1.1	J	J	III	Field Duplicate Precision
IA-07	OC-AA-FD-07-051104	Air	Duplicate	11-May-04	METHYL TERT-BUTYL ETHER	2.5	UG/M3	2.5	UJ	J	III	Low LCS
IA-07	OC-AA-FS-07-051104	Air	ORIG	11-May-04	BENZENE	2.6	UG/M3	1.1	J	J	III	Field Duplicate Precision
IA-07	OC-AA-FS-07-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	2.5	UG/M3	2.5	UJ	J	III	Low LCS
IA-07	OC-IA-FD-07-091405	AIR	Duplicate	14-Sep-05	METHYL TERT-BUTYL ETHER	0.63	UG/M3	0.63	UJ	J	III	Low CCV
IA-07	OC-IA-FS-07-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.66	UG/M3	0.66	UJ	J	III	Low CCV
IA-09	OC-AA-FS-09-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	13	UG/M3	13	UJ	J	III	Low LCS
IA-09	OC-IA-FD-09-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	60	UG/M3	60	UJ	J	III	Low CCV
IA-10	OC-AA-FS-10-051104	Air	ORIG	11-May-04	DICHLORODIFLUOROMETHANE	2.6	UG/M3	0.42	J	J	III	High CCV
IA-10	OC-AA-FS-10-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	1.5	UG/M3	1.5	UJ	J	III	Low LCS
IA-10	OC-AA-FS-10-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.58	UG/M3	0.58	UJ	J	III	Low CCV
IA-11	OC-AA-FS-11-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	0.63	UG/M3	0.63	UJ	J	III	Low LCS
IA-11	OC-AA-FS-11-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.66	UG/M3	0.66	UJ	J	III	Low CCV
IA-13	OC-AA-FS-13-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	0.62	UG/M3	0.62	UJ	J	III	Low LCS
IA-13	OC-IA-FS-13-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.67	UG/M3	0.67	UJ	J	III	Low CCV
IA-14	OC-AA-FS-14-051104	Air	ORIG	11-May-04	METHYL TERT-BUTYL ETHER	0.6	UG/M3	0.6	UJ	J	III	Low LCS
IA-14	OC-IA-FS-14-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	1.7	UG/M3	1.7	UJ	J	III	Low CCV
IA-18	OC-IA-FS-18-080404	AIR	ORIG	04-Aug-04	DICHLORODIFLUOROMETHANE	5.2	UG/M3	0.46	J	J	III	Low CCV
IA-19	OC-IA-FS-19-080404	AIR	ORIG	04-Aug-04	DICHLORODIFLUOROMETHANE	3.4	UG/M3	0.18	J	J	III	Low CCV
IA-20	OC-AA-FS-17-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	1.2	UG/M3	1.2	UJ	J	III	Low CCV
IA-20	OC-IA-FD-01-011205	AIR	Duplicate	12-Jan-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	210	UG/M3	0.24	J	J	III	Field Duplicate Precision
IA-20	OC-IA-FD-01-011205	AIR	Duplicate	12-Jan-05	O-XYLENE	3.4	UG/M3	0.14	J	J	III	High CCV
IA-20	OC-IA-FD-01-122904	AIR	Duplicate	30-Dec-04	TOLUENE	43	UG/M3	0.12	J	J	III	Field Duplicate Precision
IA-20	OC-IA-FS-01-011205	AIR	ORIG	12-Jan-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	170	UG/M3	0.2	J	J	III	Field Duplicate Precision
IA-20	OC-IA-FS-01-011205	AIR	ORIG	12-Jan-05	O-XYLENE	4	UG/M3	0.12	J	J	III	High CCV
IA-20	OC-IA-FS-01-122904	AIR	ORIG	30-Dec-04	TOLUENE	29	UG/M3	0.13	J	J	III	Field Duplicate Precision
IA-20	OC-IA-FS-20-080404	AIR	ORIG	04-Aug-04	DICHLORODIFLUOROMETHANE	5.4	UG/M3	0.94	J	J	III	Low CCV
IA-22	OC-AA-FS-18-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	5.7	UG/M3	5.7	UJ	J	III	Low CCV
IA-22	OC-IA-FS-03-011205	AIR	ORIG	12-Jan-05	O-XYLENE	44	UG/M3	0.82	J	J	III	High CCV
IA-22	OC-IA-FS-22-080404	AIR	ORIG	04-Aug-04	DICHLORODIFLUOROMETHANE	11	UG/M3	1	J	J	III	Low CCV
IA-26	OC-AA-FS-16-091405	AIR	ORIG	14-Sep-05	METHYL TERT-BUTYL ETHER	0.6	UG/M3	0.6	UJ	J	III	Low CCV
IA-26	OC-IA-FS-02-011205	AIR	ORIG	12-Jan-05	O-XYLENE	2.6	UG/M3	0.14	J	J	III	High CCV
IA-30	OC-IA-BIS-AO-090806	AIR	ORIG	08-Sep-06	ACETONE	64	UG/M3	3.7	J	J	III	Field Duplicate Precision
IA-30	OC-IA-BIS-AO-090806	AIR	ORIG	08-Sep-06	ETHYLBENZENE	0.72	UG/M3	0.27	J	J	III	Field Duplicate Precision
IA-30	OC-IA-BIS-AO-090806	AIR	ORIG	08-Sep-06	M,P-XYLENES	2.4	UG/M3	0.54	J	J	III	Field Duplicate Precision
IA-30	OC-IA-BIS-AO-090806	AIR	ORIG	08-Sep-06	TRICHLOROETHENE	0.5	UG/M3	0.33		B	III	
IA-30	OC-IA-BIS-AOK-090806	AIR	Duplicate	08-Sep-06	ACETONE	18	UG/M3	1.8	J	J	III	Field Duplicate Precision
IA-30	OC-IA-BIS-AOK-090806	AIR	Duplicate	08-Sep-06	ETHYLBENZENE	0.9	UG/M3	0.13	J	J	III	Field Duplicate Precision
IA-30	OC-IA-BIS-AOK-090806	AIR	Duplicate	08-Sep-06	M,P-XYLENES	3	UG/M3	0.26	J	J	III	Field Duplicate Precision
IA-30	OC-IA-BIS-AOK-090806	AIR	Duplicate	08-Sep-06	TRICHLOROETHENE	0.56	UG/M3	0.16		B	III	
IA-31	OC-IA-BIS-STORE-090806	AIR	ORIG	08-Sep-06	TRICHLOROETHENE	1.5	UG/M3	0.17		B	III	
IA-32	OC-IA-BIS-WHSE-090806	AIR	ORIG	08-Sep-06	TRICHLOROETHENE	0.44	UG/M3	0.17		B	III	
IA-36	OC-IA-LAC-AO-090806	AIR	ORIG	08-Sep-06	TRICHLOROETHENE	1.2	UG/M3	0.14		B	III	
MIP1-B3	MIP1-B3-29	SOIL	ORIG	19-Dec-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	27	ug/kg	8	J	J	III	Field Duplicate Precision
MIP1-B3	MIP1-B3-29	SOIL	ORIG	19-Dec-05	1,1-DICHLOROETHENE	200	ug/kg	95	J	J	III	Low MS/MSD Recovery/Field Duplicate Precision
MIP1-B3	MIP1-B3-29	SOIL	ORIG	19-Dec-05	TRICHLOROETHENE	230	ug/kg	190	J	J	III	Low MS/MSD Recovery/Field Duplicate Precision
MIP1-B3	MIP1-B3-29K	SOIL	Duplicate	19-Dec-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	15	ug/kg	10	J	J	III	Field Duplicate Precision
MIP1-B3	MIP1-B3-29K	SOIL	Duplicate	19-Dec-05	1,1-DICHLOROETHENE	130	ug/kg	1	J	J	III	Low MS/MSD Recovery/Field Duplicate Precision

Table A-15
Omega Chemical Superfund Site
Summary of Qualified Data

Location ID	Sample ID	Media	Sample Type	Sample Date	Analyte	Result	Units	Reporting Limit	Overall Qualifier	Validation Qualifier	Validation Level	Basis for Qualification
MIP1-B3	MIP1-B3-29K	SOIL	Duplicate	19-Dec-05	TRICHLOROETHENE	150	ug/kg	2	J	J	III	Low MS/MSD Recovery/Field Duplicate Precision
MIP1-B3	MIP1-B3-33	SOIL	ORIG	19-Dec-05	1,1-DICHLOROETHENE	200	ug/kg	92	J	J	III	Low MS/MSD Recovery
MIP1-B3	MIP1-B3-33	SOIL	ORIG	19-Dec-05	TRICHLOROETHENE	190	ug/kg	180	J	J	III	Low MS/MSD Recovery
MIP1-B3	MIP1-B3-37	SOIL	ORIG	19-Dec-05	1,1-DICHLOROETHENE	120	ug/kg	97	J	J	III	Low MS/MSD Recovery
MIP1-B3	MIP1-B3-37	SOIL	ORIG	19-Dec-05	TRICHLOROETHENE	190	ug/kg	190	UJ	J	III	Low MS/MSD Recovery
MIP1-B3	MIP1-B3-57	SOIL	ORIG	19-Dec-05	1,1-DICHLOROETHENE	160	ug/kg	0.87	J	J	III	Low MS/MSD Recovery
MIP1-B3	MIP1-B3-57	SOIL	ORIG	19-Dec-05	TRICHLOROETHENE	170	ug/kg	170	UJ	J	III	Low MS/MSD Recovery
MIP1-B3	MIP1-B3-69	SOIL	ORIG	19-Dec-05	1,1-DICHLOROETHENE	450	ug/kg	93	J	J	III	Low MS/MSD Recovery
MIP1-B3	MIP1-B3-69	SOIL	ORIG	19-Dec-05	TRICHLOROETHENE	520	ug/kg	190	J	J	III	Low MS/MSD Recovery
MIP3-B2	MIP3-B2-57	SOIL	ORIG	17-Dec-05	TETRACHLOROETHENE	6900	ug/kg	85	J	J	III	Field Duplicate Precision
MIP3-B2	MIP3-B2-57K	SOIL	Duplicate	17-Dec-05	TETRACHLOROETHENE	3600	ug/kg	100	J	J	III	Field Duplicate Precision
MIP8-B4	MIP8-B4-56	Soil	ORIG	07-Mar-06	CIS-1,2-DICHLOROETHENE	9.2	ug/kg	0.8	J	J	III	Field Duplicate Precision
MIP8-B4	MIP8-B4-56	Soil	ORIG	07-Mar-06	TETRACHLOROETHENE	3300	ug/kg	99	J	J	III	Field Duplicate Precision
MIP8-B4	MIP8-B4-56K	Soil	Duplicate	07-Mar-06	CIS-1,2-DICHLOROETHENE	14	ug/kg	0.93	J	J	III	Field Duplicate Precision
MIP8-B4	MIP8-B4-56K	Soil	Duplicate	07-Mar-06	TETRACHLOROETHENE	5200	ug/kg	86	J	J	III	Field Duplicate Precision
QC	OC-AA-TB-00-051104	Air	Trip Blank	11-May-04	METHYL TERT-BUTYL ETHER	0.37	UG/M3	0.37	UJ	J	III	Low LCS
QC	OC-TB-080404	AIR	Trip Blank	04-Aug-04	DICHLORODIFLUOROMETHANE	0.1	UG/M3	0.1	UJ	J	III	Low CCV
SG-01	OC-SG-12-01-041204	SG	ORIG	12-Apr-04	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	29000	UG/M3	220	J	J	III	Field Duplicate Precision
SG-01	OC-SG-12-01-041204	SG	ORIG	12-Apr-04	1,1-DICHLOROETHENE	11000	UG/M3	120	J	J	III	Field Duplicate Precision
SG-01	OC-SG-12-01-041204	SG	ORIG	12-Apr-04	ETHANOL	280	UG/M3	230	J	J	III	High LCS
SG-01	OC-SG-12-01-041204	SG	ORIG	12-Apr-04	TETRACHLOROETHENE	52000	UG/M3	200	J	J	III	Field Duplicate Precision
SG-01	OC-SG-12-01-041204	SG	ORIG	12-Apr-04	TRICHLOROETHENE	6400	UG/M3	160	J	J	III	Field Duplicate Precision
SG-01	OC-SG-12-01-041204	SG	ORIG	12-Apr-04	TRICHLOROFLUOROMETHANE (FREON 11)	7300	UG/M3	160	J	J	III	Field Duplicate Precision
SG-01	OC-SG-512-01-041204	SG	Duplicate	12-Apr-04	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	15000	UG/M3	71	J	J	III	Field Duplicate Precision
SG-01	OC-SG-512-01-041204	SG	Duplicate	12-Apr-04	1,1-DICHLOROETHENE	4800	UG/M3	36	J	J	III	Field Duplicate Precision
SG-01	OC-SG-512-01-041204	SG	Duplicate	12-Apr-04	ETHANOL	230	UG/M3	70	J	J	III	High LCS
SG-01	OC-SG-512-01-041204	SG	Duplicate	12-Apr-04	TETRACHLOROETHENE	9500	UG/M3	62	J	J	III	Field Duplicate Precision
SG-01	OC-SG-512-01-041204	SG	Duplicate	12-Apr-04	TRICHLOROETHENE	1500	UG/M3	49	J	J	III	Field Duplicate Precision
SG-01	OC-SG-512-01-041204	SG	Duplicate	12-Apr-04	TRICHLOROFLUOROMETHANE (FREON 11)	3800	UG/M3	52	J	J	III	Field Duplicate Precision
SG-06	OC-SG-06-06-041204	SG	ORIG	12-Apr-04	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1200000	UG/M3	5400	J	J	III	Field Duplicate Precision
SG-06	OC-SG-06-06-041204	SG	ORIG	12-Apr-04	1,1-DICHLOROETHENE	550000	UG/M3	2800	J	J	III	Field Duplicate Precision
SG-06	OC-SG-06-06-041204	SG	ORIG	12-Apr-04	TRICHLOROETHENE	180000	UG/M3	3800	J	J	III	Field Duplicate Precision
SG-06	OC-SG-06-06-041204	SG	ORIG	12-Apr-04	TRICHLOROFLUOROMETHANE (FREON 11)	410000	UG/M3	3900	J	J	III	Field Duplicate Precision
SG-06	OC-SG-506-06-041204	SG	Duplicate	12-Apr-04	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1500000	UG/M3	6100	J	J	III	Field Duplicate Precision
SG-06	OC-SG-506-06-041204	SG	Duplicate	12-Apr-04	1,1-DICHLOROETHENE	710000	UG/M3	3200	J	J	III	Field Duplicate Precision
SG-06	OC-SG-506-06-041204	SG	Duplicate	12-Apr-04	TRICHLOROETHENE	230000	UG/M3	4300	J	J	III	Field Duplicate Precision
SG-06	OC-SG-506-06-041204	SG	Duplicate	12-Apr-04	TRICHLOROFLUOROMETHANE (FREON 11)	510000	UG/M3	4500	J	J	III	Field Duplicate Precision
SG-07	SG-7-18FT	SG	ORIG	11-Nov-04	BROMOMETHANE	520	UG/M3	520	UJ	J	III	Low CCV
SG-07	SG-7-18FT	SG	ORIG	11-Nov-04	ETHANOL	1000	UG/M3	1000	UJ	J	III	Low LCS
SG-07	SG-7-24FT	SG	ORIG	11-Nov-04	BROMOMETHANE	530	UG/M3	530	UJ	J	III	Low CCV
SG-07	SG-7-24FT	SG	ORIG	11-Nov-04	ETHANOL	1000	UG/M3	1000	UJ	J	III	Low LCS
SG-07	SG-7-24FT-Dup	SG	Duplicate	11-Nov-04	ETHANOL	1100	UG/M3	1100	UJ	J	III	Low LCS
SG-08	SG-8-18FT	SG	ORIG	11-Nov-04	BROMOMETHANE	2600	UG/M3	2600	UJ	J	III	Low CCV
SG-08	SG-8-18FT	SG	ORIG	11-Nov-04	ETHANOL	5100	UG/M3	5100	UJ	J	III	Low LCS
SG-08	SG-8-24FT	SG	ORIG	11-Nov-04	BROMOMETHANE	2000	UG/M3	2000	UJ	J	III	Low CCV
SG-08	SG-8-24FT	SG	ORIG	11-Nov-04	ETHANOL	3800	UG/M3	3800	UJ	J	III	Low LCS
SG-09	SG-9-18FT	SG	ORIG	11-Nov-04	BROMOMETHANE	1800	UG/M3	1800	UJ	J	III	Low CCV
SG-09	SG-9-18FT	SG	ORIG	11-Nov-04	ETHANOL	3400	UG/M3	3400	UJ	J	III	Low LCS
SG-09	SG-9-24FT	SG	ORIG	11-Nov-04	BROMOMETHANE	30	UG/M3	30	UJ	J	III	Low CCV
SG-09	SG-9-24FT	SG	ORIG	11-Nov-04	ETHANOL	130	UG/M3	59	J	J	III	Low LCS
SG-10	SG-10-18FT	SG	ORIG	11-Nov-04	BROMOMETHANE	680	UG/M3	680	UJ	J	III	Low CCV
SG-10	SG-10-18FT	SG	ORIG	11-Nov-04	ETHANOL	1300	UG/M3	1300	UJ	J	III	Low LCS
SG-10	SG-10-24FT	SG	ORIG	11-Nov-04	BROMOMETHANE	680	UG/M3	680	UJ	J	III	Low CCV
SG-10	SG-10-24FT	SG	ORIG	11-Nov-04	ETHANOL	1300	UG/M3	1300	UJ	J	III	Low LCS
SG-11	SG-11-18FT	SG	ORIG	11-Nov-04	ETHANOL	5100	UG/M3	5100	UJ	J	III	Low LCS
SG-11	SG-11-24FT	SG	ORIG	11-Nov-04	ETHANOL	10000	UG/M3	10000	UJ	J	III	Low LCS
SG-13	SG-13-12FT	SG	ORIG	11-Nov-04	ETHANOL	3400	UG/M3	3400	UJ	J	III	Low LCS
SG-13	SG-13-6FT	SG	ORIG	11-Nov-04	ETHANOL	1000	UG/M3	1000	UJ	J	III	Low LCS
SG-14	SG-14-12FT	SG	ORIG	11-Nov-04	ETHANOL	12000	UG/M3	12000	UJ	J	III	Low LCS
SG-14	SG-14-6FT	SG	ORIG	11-Nov-04	ETHANOL	5000	UG/M3	5000	UJ	J	III	Low LCS
SG-15	SG-15-12FT	SG	ORIG	12-Nov-04	ETHANOL	51	UG/M3	51	UJ	J	III	Low LCS
SG-15	SG-15-6FT	SG	ORIG	11-Nov-04	ETHANOL	26	UG/M3	26	UJ	J	III	Low LCS
SH-4F	OC-SSD-SH-4F-092205	SG	ORIG	23-Sep-05	1,2,4-TRIMETHYLBENZENE	103	UG/M3	4.91	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4F-092205	SG	ORIG	23-Sep-05	1,3,5-TRIMETHYLBENZENE	38.8	UG/M3	4.91	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4F-092205	SG	ORIG	23-Sep-05	4-ETHYLTOLUENE	22.1	UG/M3	4.91	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4F-092205	SG	ORIG	23-Sep-05	BENZENE	20.1	UG/M3	3.19	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4F-092205	SG	ORIG	23-Sep-05	ETHYLBENZENE	31.3	UG/M3	4.34	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4F-092205	SG	ORIG	23-Sep-05	M,P-XYLENES	95.5	UG/M3	8.68	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4F-092205	SG	ORIG	23-Sep-05	O-XYLENE	104	UG/M3	4.34	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4F-092205	SG	ORIG	23-Sep-05	TOLUENE	75.3	UG/M3	3.77	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4FK-092205	SG	Duplicate	23-Sep-05	1,2,4-TRIMETHYLBENZENE	737	UG/M3	4.91	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4FK-092205	SG	Duplicate	23-Sep-05	1,3,5-TRIMETHYLBENZENE	280	UG/M3	4.91	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4FK-092205	SG	Duplicate	23-Sep-05	4-ETHYLTOLUENE	260	UG/M3	4.91	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4FK-092205	SG	Duplicate	23-Sep-05	BENZENE	575	UG/M3	3.19	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4FK-092205	SG	Duplicate	23-Sep-05	ETHYLBENZENE	695	UG/M3	4.34	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4FK-092205	SG	Duplicate	23-Sep-05	M,P-XYLENES	955	UG/M3	8.68	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4FK-092205	SG	Duplicate	23-Sep-05	O-XYLENE	955	UG/M3	4.34	J	J	III	Field Duplicate Precision
SH-4F	OC-SSD-SH-4FK-092205	SG	Duplicate	23-Sep-05	TOLUENE	6400	UG/M3	3.77	J	J	III	Field Duplicate Precision
SS-03	OCSS-000-03-040504	Soil	ORIG	05-Apr-04	ANTIMONY	10	mg/kg	10	U	J	III	Low MS/MSD Recovery
SS-03	OCSS-000-03-040504	Soil	ORIG	05-Apr-04	BERYLLIUM	0.19	mg/kg	1	UJB	UB	III	Method Blank Contamination
SS-03	OCSS-000-03-040504	Soil	ORIG	05-Apr-04	CADMIUM	0.35	mg/kg	1	UJB	UB	III	Method Blank Contamination
SS-04	OC-SS-000-04-040504	Soil	ORIG	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-04	OC-SS-000-04-040504	Soil	ORIG	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-04	OC-SS-000-04-040504	Soil	ORIG	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-04	OC-SS-000-04-040504	Soil	ORIG	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-04	OC-SS-000-04-040504	Soil	ORIG	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-04	OC-SS-000-04-040504	Soil	ORIG	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-04	OC-SS-000-04-040504	Soil	ORIG	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-04	OC-SS-000-04-040504	Soil	ORIG	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-05	OCSS-000-05-040504	Soil	ORIG	05-Apr-04	ANTIMONY	10	mg/kg	10	U	J	III	Low MS/MSD Recovery
SS-05	OCSS-000-05-040504	Soil	ORIG	05-Apr-04	BERYLLIUM	0.18	mg/kg	1	UJB	UB	III	Method Blank Contamination
SS-05	OCSS-000-05-040504	Soil	ORIG	05-Apr-04	CADMIUM	0.25	mg/kg	1	UJB	UB	III	Method Blank Contamination
SS-07	OCSS-000-07-040504	Soil	ORIG	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.02	mg/kg	0.02	UJ	J	III	Low Surrogate Recovery
SS-07	OCSS-000-07-040504	Soil	ORIG	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.02	mg/kg	0.02	UJ	J	III	Low Surrogate Recovery
SS-07	OCSS-000-07-040504	Soil	ORIG	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.02	mg/kg	0.02	UJ	J	III	Low Surrogate Recovery
SS-07	OCSS-000-07-040504	Soil	ORIG	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.02	mg/kg	0.02	UJ	J	III	Low Surrogate Recovery
SS-07	OCSS-000-07-040504	Soil	ORIG	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.02	mg/kg	0.02	UJ	J	III	Low Surrogate Recovery
SS-07	OCSS-000-07-040504	Soil	ORIG	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.02	mg/kg	0.02	UJ	J	III	Low Surrogate Recovery
SS-07	OCSS-000-07-040504	Soil	ORIG	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.02	mg/kg	0.02	UJ	J	III	Low Surrogate Recovery
SS-07	OCSS-000-07-040504	Soil	ORIG	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.02	mg/kg	0.02	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	4,4'-DDD	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	4,4'-DDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	4,4'-DDT	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	ALDRIN (HHDN)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	ALPHA-BHC (A-BHC)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	BETA-BHC (B-BHC)	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	CHLORDANE	0.1	mg/kg	0.1	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	DELTA-BHC (C-BHC)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	DIELDRIN	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	ENDOSULFAN I	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	ENDOSULFAN II	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	ENDOSULFAN SULFATE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	ENDRIN	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	ENDRIN ALDEHYDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery

Table A-15
Omega Chemical Superfund Site
Summary of Qualified Data

Location ID	Sample ID	Media	Sample Type	Sample Date	Analyte	Result	Units	Reporting Limit	Overall Qualifier	Validation Qualifier	Validation Level	Basis for Qualification
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	GAMMA-BHC (LINDANE)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	HEPTACHLOR	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	HEPTACHLOR EPOXIDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	METHOXYCHLOR	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-500-08-040504	Soil	Duplicate	05-Apr-04	TOXAPHENE	1	mg/kg	1	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-700-08-040504	GW	Equipment Blank	05-Apr-04	ANTIMONY	100	ug/L	100	U	J	III	Low MS/MSD Recovery
SS-08	OCSS-700-08-040504	GW	Equipment Blank	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-700-08-040504	GW	Equipment Blank	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-700-08-040504	GW	Equipment Blank	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-700-08-040504	GW	Equipment Blank	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-700-08-040504	GW	Equipment Blank	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-700-08-040504	GW	Equipment Blank	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-700-08-040504	GW	Equipment Blank	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-08	OCSS-700-08-040504	GW	Equipment Blank	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	4,4'-DDD	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	4,4'-DDE	0.0017	mg/kg	0.005	J	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	4,4'-DDT	0.0035	mg/kg	0.005	J	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	ALDRIN (HHDN)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	ALPHA-BHC (A-BHC)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	BETA-BHC (B-BHC)	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	CHLORDANE	0.1	mg/kg	0.1	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	DELTA-BHC (C-BHC)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	DIELDRIN	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	ENDOSULFAN I	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	ENDOSULFAN II	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	ENDOSULFAN SULFATE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	ENDRIN	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	ENDRIN ALDEHYDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	GAMMA-BHC (LINDANE)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	HEPTACHLOR	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	HEPTACHLOR EPOXIDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	METHOXYCHLOR	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-09	OC-SS-000-09-040504	Soil	ORIG	05-Apr-04	TOXAPHENE	1	mg/kg	1	UJ	J	III	Low Surrogate Recovery
SS-10	OC-SS-000-10-040504	Soil	ORIG	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-10	OC-SS-000-10-040504	Soil	ORIG	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-10	OC-SS-000-10-040504	Soil	ORIG	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-10	OC-SS-000-10-040504	Soil	ORIG	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-10	OC-SS-000-10-040504	Soil	ORIG	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-10	OC-SS-000-10-040504	Soil	ORIG	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-10	OC-SS-000-10-040504	Soil	ORIG	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-10	OC-SS-000-10-040504	Soil	ORIG	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	4,4'-DDD	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	4,4'-DDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	4,4'-DDT	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	ALDRIN (HHDN)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	ALPHA-BHC (A-BHC)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	BETA-BHC (B-BHC)	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	CHLORDANE	0.1	mg/kg	0.1	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	DELTA-BHC (C-BHC)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	DIELDRIN	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	ENDOSULFAN I	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	ENDOSULFAN II	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	ENDOSULFAN SULFATE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	ENDRIN	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	ENDRIN ALDEHYDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	GAMMA-BHC (LINDANE)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	HEPTACHLOR	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	HEPTACHLOR EPOXIDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	METHOXYCHLOR	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-000-11-040504	Soil	ORIG	05-Apr-04	TOXAPHENE	1	mg/kg	1	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-500-11-040504	Soil	Duplicate	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-500-11-040504	Soil	Duplicate	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-500-11-040504	Soil	Duplicate	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-500-11-040504	Soil	Duplicate	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-500-11-040504	Soil	Duplicate	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-500-11-040504	Soil	Duplicate	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-500-11-040504	Soil	Duplicate	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-11	OC-SS-500-11-040504	Soil	Duplicate	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	4,4'-DDD	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	4,4'-DDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	4,4'-DDT	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	ALDRIN (HHDN)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	ALPHA-BHC (A-BHC)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	BETA-BHC (B-BHC)	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	CHLORDANE	0.036	mg/kg	0.1	J	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	DELTA-BHC (C-BHC)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	DIELDRIN	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	ENDOSULFAN I	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	ENDOSULFAN II	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	ENDOSULFAN SULFATE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	ENDRIN	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	ENDRIN ALDEHYDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	GAMMA-BHC (LINDANE)	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	HEPTACHLOR	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	HEPTACHLOR EPOXIDE	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	METHOXYCHLOR	0.005	mg/kg	0.005	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-13	OC-SS-000-13-040504	Soil	ORIG	05-Apr-04	TOXAPHENE	1	mg/kg	1	UJ	J	III	Low Surrogate Recovery
SS-14	OC-SS-000-14-040504	Soil	ORIG	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-14	OC-SS-000-14-040504	Soil	ORIG	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-14	OC-SS-000-14-040504	Soil	ORIG	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery

Table A-15
Omega Chemical Superfund Site
Summary of Qualified Data

Location ID	Sample ID	Media	Sample Type	Sample Date	Analyte	Result	Units	Reporting Limit	Overall Qualifier	Validation Qualifier	Validation Level	Basis for Qualification
SS-14	OC-SS-000-14-040504	Soil	ORIG	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-14	OC-SS-000-14-040504	Soil	ORIG	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-14	OC-SS-000-14-040504	Soil	ORIG	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-14	OC-SS-000-14-040504	Soil	ORIG	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-14	OC-SS-000-14-040504	Soil	ORIG	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-15	OC-SS-000-15-040504	Soil	ORIG	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-15	OC-SS-000-15-040504	Soil	ORIG	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-15	OC-SS-000-15-040504	Soil	ORIG	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-15	OC-SS-000-15-040504	Soil	ORIG	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-15	OC-SS-000-15-040504	Soil	ORIG	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-15	OC-SS-000-15-040504	Soil	ORIG	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-15	OC-SS-000-15-040504	Soil	ORIG	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-15	OC-SS-000-15-040504	Soil	ORIG	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-16	OC-SS-000-16-040504	Soil	ORIG	05-Apr-04	PCB-1016 (AROCLOR 1016)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-16	OC-SS-000-16-040504	Soil	ORIG	05-Apr-04	PCB-1221 (AROCLOR 1221)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-16	OC-SS-000-16-040504	Soil	ORIG	05-Apr-04	PCB-1232 (AROCLOR 1232)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-16	OC-SS-000-16-040504	Soil	ORIG	05-Apr-04	PCB-1242 (AROCLOR 1242)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-16	OC-SS-000-16-040504	Soil	ORIG	05-Apr-04	PCB-1248 (AROCLOR 1248)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-16	OC-SS-000-16-040504	Soil	ORIG	05-Apr-04	PCB-1254 (AROCLOR 1254)	0.5	mg/kg	0.05	J	J	III	Low Surrogate Recovery
SS-16	OC-SS-000-16-040504	Soil	ORIG	05-Apr-04	PCB-1260 (AROCLOR 1260)	0.01	mg/kg	0.01	UJ	J	III	Low Surrogate Recovery
SS-16	OC-SS-000-16-040504	Soil	ORIG	05-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.5	mg/kg	0.01	J	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	4,4'-DDD	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	4,4'-DDE	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	4,4'-DDT	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	ALDRIN (HHDN)	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	ALPHA-BHC (A-BHC)	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	BETA-BHC (B-BHC)	0.5	mg/kg	0.5	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	CHLORDANE	1	mg/kg	1	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	DELTA-BHC (C-BHC)	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	DIELDRIN	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	ENDOSULFAN I	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	ENDOSULFAN II	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	ENDOSULFAN SULFATE	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	ENDRIN	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	ENDRIN ALDEHYDE	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	GAMMA-BHC (LINDANE)	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	HEPTACHLOR	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	HEPTACHLOR EPOXIDE	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	METHOXYCHLOR	0.05	mg/kg	0.05	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-000-20-040604	Soil	ORIG	06-Apr-04	TOXAPHENE	10	mg/kg	10	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-700-20-040604	GW	Equipment Blank	06-Apr-04	PCB-1016 (AROCLOR 1016)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-700-20-040604	GW	Equipment Blank	06-Apr-04	PCB-1221 (AROCLOR 1221)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-700-20-040604	GW	Equipment Blank	06-Apr-04	PCB-1232 (AROCLOR 1232)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-700-20-040604	GW	Equipment Blank	06-Apr-04	PCB-1242 (AROCLOR 1242)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-700-20-040604	GW	Equipment Blank	06-Apr-04	PCB-1248 (AROCLOR 1248)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-700-20-040604	GW	Equipment Blank	06-Apr-04	PCB-1254 (AROCLOR 1254)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-700-20-040604	GW	Equipment Blank	06-Apr-04	PCB-1260 (AROCLOR 1260)	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
SS-20	OC-SS-700-20-040604	GW	Equipment Blank	06-Apr-04	POLYCHLORINATED BI PHENYLS, TOTAL	0.2	ug/L	0.2	UJ	J	III	Low Surrogate Recovery
UC-01	UC-1	SG	ORIG	12-Nov-04	ETHANOL	11	UG/M3	11	UJ	J	III	Low LCS
UC-02	UC-2	SG	ORIG	12-Nov-04	ETHANOL	51	UG/M3	51	UJ	J	III	Low LCS
UC-02	UC-2-Dup	SG	Duplicate	12-Nov-04	ETHANOL	68	UG/M3	68	UJ	J	III	Low LCS
UC-03	UC-3	SG	ORIG	12-Nov-04	ETHANOL	340	UG/M3	340	UJ	J	III	Low LCS
UC-04B	UC-4B	SG	ORIG	12-Nov-04	ETHANOL	17	UG/M3	17	UJ	J	III	Low LCS
UC-05	UC-5	SG	ORIG	12-Nov-04	ETHANOL	1100	UG/M3	1100	UJ	J	III	Low LCS
UC-05	UC-5-Dup	SG	Duplicate	12-Nov-04	ETHANOL	1500	UG/M3	1500	UJ	J	III	Low LCS
UC-06	UC-6	SG	ORIG	12-Nov-04	ETHANOL	5300	UG/M3	5300	UJ	J	III	Low LCS
UC-07	UC-7	SG	ORIG	12-Nov-04	ETHANOL	7300	UG/M3	7300	UJ	J	III	Low LCS
UC-08	UC-8	SG	ORIG	12-Nov-04	ETHANOL	2600	UG/M3	2600	UJ	J	III	Low LCS
UC-09	UC-9	SG	ORIG	12-Nov-04	ETHANOL	5500	UG/M3	5500	UJ	J	III	Low LCS
UC-10	UC-10	SG	ORIG	12-Nov-04	ETHANOL	11	UG/M3	11	UJ	J	III	Low LCS
UC-11	UC-11	SG	ORIG	12-Nov-04	ETHANOL	1300	UG/M3	1300	UJ	J	III	Low LCS
UC-12	UC-12	SG	ORIG	12-Nov-04	ETHANOL	82	UG/M3	82	UJ	J	III	Low LCS
VP-01	OC-SG-070K-VP01-081905	SG	Duplicate	19-Aug-05	ACETONE	3600	UG/M3	854.81603	J	J	III	Field Duplicate Precision
VP-01	OC-SG-070K-VP01-081905	SG	Duplicate	19-Aug-05	CARBON DISULFIDE	2800	UG/M3	560.31071	J	J	III	Field Duplicate Precision
VP-01	OC-SG-070K-VP01-081905	SG	Duplicate	19-Aug-05	TETRACHLOROETHENE	120000	UG/M3	24402.289	J	J	III	Field Duplicate Precision
VP-01	OC-SG-070-VP01-081905	SG	ORIG	19-Aug-05	ACETONE	5200	UG/M3	1187.2445	J	J	III	Field Duplicate Precision
VP-01	OC-SG-070-VP01-081905	SG	ORIG	19-Aug-05	CARBON DISULFIDE	4400	UG/M3	778.20932	J	J	III	Field Duplicate Precision
VP-01	OC-SG-070-VP01-081905	SG	ORIG	19-Aug-05	TETRACHLOROETHENE	200000	UG/M3	33892.069	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060K-VP02-082205	SG	Duplicate	22-Aug-05	1,1,1-TRICHLOROETHANE	19000	UG/M3	3272.2813	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060K-VP02-082205	SG	Duplicate	22-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	3600000	UG/M3	91937.858	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060K-VP02-082205	SG	Duplicate	22-Aug-05	1,1-DICHLOROETHANE	25000	UG/M3	2428.4546	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060K-VP02-082205	SG	Duplicate	22-Aug-05	1,1-DICHLOROETHENE	2200000	UG/M3	23769.419	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060K-VP02-082205	SG	Duplicate	22-Aug-05	CHLOROFORM	27000	UG/M3	2928.8635	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060K-VP02-082205	SG	Duplicate	22-Aug-05	TETRACHLOROETHENE	1200000	UG/M3	40670.482	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060K-VP02-082205	SG	Duplicate	22-Aug-05	TRANS-1,2-DICHLOROETHENE	87000	UG/M3	2379.3949	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060K-VP02-082205	SG	Duplicate	22-Aug-05	TRICHLOROETHENE	310000	UG/M3	3223.2216	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060K-VP02-082205	SG	Duplicate	22-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	730000	UG/M3	67408.013	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060-VP02-082205	SG	ORIG	22-Aug-05	1,1,1-TRICHLOROETHANE	14000	UG/M3	3817.6615	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060-VP02-082205	SG	ORIG	22-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1400000	UG/M3	107260.83	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060-VP02-082205	SG	ORIG	22-Aug-05	1,1-DICHLOROETHANE	19000	UG/M3	2833.1971	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060-VP02-082205	SG	ORIG	22-Aug-05	1,1-DICHLOROETHENE	750000	UG/M3	27730.989	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060-VP02-082205	SG	ORIG	22-Aug-05	CHLOROFORM	20000	UG/M3	3417.0074	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060-VP02-082205	SG	ORIG	22-Aug-05	TETRACHLOROETHENE	490000	UG/M3	47448.896	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060-VP02-082205	SG	ORIG	22-Aug-05	TRANS-1,2-DICHLOROETHENE	63000	UG/M3	2775.9608	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060-VP02-082205	SG	ORIG	22-Aug-05	TRICHLOROETHENE	180000	UG/M3	3760.4252	J	J	III	Field Duplicate Precision
VP-02	OC-SG-060-VP02-082205	SG	ORIG	22-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	240000	UG/M3	78642.682	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	1,1,1-TRICHLOROETHANE	55000	UG/M3	1308.9125	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	380000	UG/M3	73550.286	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	1,1-DICHLOROETHANE	27000	UG/M3	971.38185	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	1,1-DICHLOROETHENE	310000	UG/M3	19015.536	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	1,2-DICHLOROETHANE	1300	UG/M3	971.38185	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	BENZENE	1200	UG/M3	766.31235	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	CARBON DISULFIDE	16000	UG/M3	747.08095	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	CHLOROFORM	19000	UG/M3	1171.5454	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	TETRACHLOROETHENE	1100000	UG/M3	32536.386	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	TRANS-1,2-DICHLOROETHENE	7500	UG/M3	951.75797	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	TRICHLOROETHENE	100000	UG/M3	1289.2886	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012K-VP03-081805	SG	Duplicate	18-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	100000	UG/M3	2696.3205	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	1,1,1-TRICHLOROETHANE	43000	UG/M3	523.565	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	280000	UG/M3	29113.655	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	1,1-DICHLOROETHANE	21000	UG/M3	388.55274	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	1,1-DICHLOROETHENE	220000	UG/M3	7526.9828	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	1,2-DICHLOROETHANE	890	UG/M3	388.55274	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	BENZENE	800	UG/M3	306.52494	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	CARBON DISULFIDE	2700	UG/M3	298.83238	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	CHLOROFORM	15000	UG/M3	468.61815	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	TETRACHLOROETHENE	530000	UG/M3	12878.986	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	TRANS-1,2-DICHLOROETHENE	5900	UG/M3	380.70319	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	TRICHLOROETHENE	42000	UG/M3	10206.868	J	J	III	Field Duplicate Precision
VP-03	OC-SG-012-VP03-081805	SG	ORIG	18-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	79000	UG/M3	21345.871	J	J	III	Field Duplicate Precision
VP-04	OC-SG-040K-VP04-082205	SG	Duplicate	22-Aug-05	CARBON DISULFIDE	8400	UG/M3	1120.6214	J	J	III	Field Duplicate Precision
VP-04	OC-SG-040-VP04-082205	SG	ORIG	22-Aug-05	CARBON DISULFIDE	11000	UG/M3	964.97956	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	1,1,1-TRICHLOROETHANE	290000	UG/M3	12543.745	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	590000	UG/M3	36008.994	J	J	III	Field Duplicate Precision

Table A-15
Omega Chemical Superfund Site
Summary of Qualified Data

Location ID	Sample ID	Media	Sample Type	Sample Date	Analyte	Result	Units	Reporting Limit	Overall Qualifier	Validation Qualifier	Validation Level	Basis for Qualification
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	1,1-DICHLOROETHANE	61000	UG/M3	9309.076	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	1,1-DICHLOROETHENE	350000	UG/M3	9111.6108	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	1,2-DICHLOROETHANE	7300	UG/M3	485.69092	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	CHLOROFORM	18000	UG/M3	585.77269	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	CIS-1,2-DICHLOROETHENE	530	UG/M3	485.69092	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	TETRACHLOROETHENE	950000	UG/M3	15590.352	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	TRANS-1,2-DICHLOROETHENE	7900	UG/M3	475.87899	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	TRICHLOROETHENE	81000	UG/M3	12355.683	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018K-VP05-081705	SG	Duplicate	17-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	150000	UG/M3	26401.472	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	1,1,1-TRICHLOROETHANE	380000	UG/M3	13089.125	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	740000	UG/M3	36008.994	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	1,1-DICHLOROETHANE	81000	UG/M3	9713.8185	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	1,1-DICHLOROETHENE	440000	UG/M3	9507.7678	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	1,2-DICHLOROETHANE	9300	UG/M3	485.69092	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	CHLOROFORM	23000	UG/M3	585.77269	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	CIS-1,2-DICHLOROETHENE	690	UG/M3	485.69092	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	TETRACHLOROETHENE	1200000	UG/M3	16268.193	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	TRANS-1,2-DICHLOROETHENE	10000	UG/M3	475.87899	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	TRICHLOROETHENE	100000	UG/M3	12892.886	J	J	III	Field Duplicate Precision
VP-05	OC-SG-018-VP05-081705	SG	ORIG	17-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	200000	UG/M3	26401.472	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060K-VP06-081605	SG	Duplicate	16-Aug-05	1,1,1-TRICHLOROETHANE	250000	UG/M3	21815.209	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060K-VP06-081605	SG	Duplicate	16-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	290000	UG/M3	62058.054	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060K-VP06-081605	SG	Duplicate	16-Aug-05	1,1-DICHLOROETHANE	12000	UG/M3	809.48487	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060K-VP06-081605	SG	Duplicate	16-Aug-05	1,1-DICHLOROETHENE	110000	UG/M3	15846.28	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060K-VP06-081605	SG	Duplicate	16-Aug-05	1,2-DICHLOROETHANE	16000	UG/M3	809.48487	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060K-VP06-081605	SG	Duplicate	16-Aug-05	CHLOROFORM	8300	UG/M3	976.28782	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060K-VP06-081605	SG	Duplicate	16-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	33000	UG/M3	2246.9338	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060-VP06-081605	SG	ORIG	16-Aug-05	1,1,1-TRICHLOROETHANE	180000	UG/M3	18542.927	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060-VP06-081605	SG	ORIG	16-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	230000	UG/M3	51331.971	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060-VP06-081605	SG	ORIG	16-Aug-05	1,1-DICHLOROETHANE	8900	UG/M3	688.06214	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060-VP06-081605	SG	ORIG	16-Aug-05	1,1-DICHLOROETHENE	83000	UG/M3	13469.338	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060-VP06-081605	SG	ORIG	16-Aug-05	1,2-DICHLOROETHANE	11000	UG/M3	688.06214	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060-VP06-081605	SG	ORIG	16-Aug-05	CHLOROFORM	5900	UG/M3	829.84464	J	J	III	Field Duplicate Precision
VP-06	OC-SG-060-VP06-081605	SG	ORIG	16-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	26000	UG/M3	1909.8937	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040K-VP07-081505	SG	Duplicate	15-Aug-05	1,1,1-TRICHLOROETHANE	60000	UG/M3	3490.4334	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040K-VP07-081505	SG	Duplicate	15-Aug-05	1,1-DICHLOROETHANE	1700	UG/M3	64.75879	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040K-VP07-081505	SG	Duplicate	15-Aug-05	1,1-DICHLOROETHENE	190000	UG/M3	2535.4047	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040K-VP07-081505	SG	Duplicate	15-Aug-05	1,2-DICHLOROETHANE	2500	UG/M3	64.75879	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040K-VP07-081505	SG	Duplicate	15-Aug-05	BENZENE	180	UG/M3	51.08749	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040K-VP07-081505	SG	Duplicate	15-Aug-05	CHLOROFORM	4400	UG/M3	78.103025	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040K-VP07-081505	SG	Duplicate	15-Aug-05	TRANS-1,2-DICHLOROETHENE	830	UG/M3	63.450531	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040K-VP07-081505	SG	Duplicate	15-Aug-05	TRICHLOROETHENE	70000	UG/M3	3438.103	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040K-VP07-081505	SG	Duplicate	15-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	120000	UG/M3	7302.5348	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040-VP07-081505	SG	ORIG	15-Aug-05	1,1,1-TRICHLOROETHANE	45000	UG/M3	763.5323	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040-VP07-081505	SG	ORIG	15-Aug-05	1,1-DICHLOROETHANE	5300	UG/M3	566.63941	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040-VP07-081505	SG	ORIG	15-Aug-05	1,1-DICHLOROETHENE	140000	UG/M3	5546.1979	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040-VP07-081505	SG	ORIG	15-Aug-05	1,2-DICHLOROETHANE	5300	UG/M3	566.63941	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040-VP07-081505	SG	ORIG	15-Aug-05	BENZENE	480	UG/M3	447.01554	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040-VP07-081505	SG	ORIG	15-Aug-05	CHLOROFORM	12000	UG/M3	683.40147	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040-VP07-081505	SG	ORIG	15-Aug-05	TRANS-1,2-DICHLOROETHENE	2200	UG/M3	555.19215	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040-VP07-081505	SG	ORIG	15-Aug-05	TRICHLOROETHENE	44000	UG/M3	752.08504	J	J	III	Field Duplicate Precision
VP-07	OC-SG-040-VP07-081505	SG	ORIG	15-Aug-05	TRICHLOROFLUOROMETHANE (FREON 11)	84000	UG/M3	15166.803	J	J	III	Field Duplicate Precision
VP-09	OC-SG-024K-VP09-081605	SG	Duplicate	16-Aug-05	ACETONE	2600	UG/M3	284.93868	J	J	III	Field Duplicate Precision
VP-09	OC-SG-024K-VP09-081605	SG	Duplicate	16-Aug-05	TETRACHLOROETHENE	120000	UG/M3	3999.2641	J	J	III	Field Duplicate Precision
VP-09	OC-SG-024-VP09-081605	SG	ORIG	16-Aug-05	ACETONE	3800	UG/M3	227.95094	J	J	III	Field Duplicate Precision
VP-09	OC-SG-024-VP09-081605	SG	ORIG	16-Aug-05	TETRACHLOROETHENE	95000	UG/M3	3253.6386	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070U-VP09-081605	SG	Duplicate	16-Aug-05	1,1,1-TRICHLOROETHANE	93000	UG/M3	1090.7604	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070U-VP09-081605	SG	Duplicate	16-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	680000	UG/M3	60525.756	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070U-VP09-081605	SG	Duplicate	16-Aug-05	ACETONE	7100	UG/M3	949.79558	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070U-VP09-081605	SG	Duplicate	16-Aug-05	CARBON DISULFIDE	7200	UG/M3	622.56746	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070U-VP09-081605	SG	Duplicate	16-Aug-05	TETRACHLOROETHENE	160000	UG/M3	27113.655	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070-VP09-081605	SG	ORIG	16-Aug-05	1,1,1-TRICHLOROETHANE	71000	UG/M3	1254.3745	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070-VP09-081605	SG	ORIG	16-Aug-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	550000	UG/M3	35242.845	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070-VP09-081605	SG	ORIG	16-Aug-05	ACETONE	14000	UG/M3	1092.2649	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070-VP09-081605	SG	ORIG	16-Aug-05	CARBON DISULFIDE	11000	UG/M3	715.95258	J	J	III	Field Duplicate Precision
VP-09	OC-SG-070-VP09-081605	SG	ORIG	16-Aug-05	TETRACHLOROETHENE	410000	UG/M3	15590.352	J	J	III	Field Duplicate Precision
VP-13	OC-SG-008-VP13-121205	SG	ORIG	12-Dec-05	2-PROPANOL	2200	UG/M3	2200	UJ	J	III	Low LCS
VP-13	OC-SG-008-VP13-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	1200	UG/M3	1200	UJ	J	III	Low LCS
VP-13	OC-SG-008-VP13-121205	SG	ORIG	12-Dec-05	ETHANOL	1700	UG/M3	1700	UJ	J	III	Low LCS
VP-13	OC-SG-020-VP13-121205	SG	ORIG	12-Dec-05	2-PROPANOL	340	UG/M3	340	UJ	J	III	Low LCS
VP-13	OC-SG-020-VP13-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	180	UG/M3	180	UJ	J	III	Low LCS
VP-13	OC-SG-020-VP13-121205	SG	ORIG	12-Dec-05	ETHANOL	260	UG/M3	260	UJ	J	III	Low LCS
VP-13	OC-SG-029-VP13-121205	SG	ORIG	12-Dec-05	2-PROPANOL	37000	UG/M3	9000	J	J	III	Low LCS
VP-13	OC-SG-029-VP13-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	4700	UG/M3	4700	UJ	J	III	Low LCS
VP-13	OC-SG-029-VP13-121205	SG	ORIG	12-Dec-05	ETHANOL	6900	UG/M3	6900	UJ	J	III	Low LCS
VP-13	OC-SG-040-VP13-121205	SG	ORIG	12-Dec-05	2-PROPANOL	680	UG/M3	680	UJ	J	III	Low LCS
VP-13	OC-SG-040-VP13-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	360	UG/M3	360	UJ	J	III	Low LCS
VP-13	OC-SG-040-VP13-121205	SG	ORIG	12-Dec-05	ETHANOL	520	UG/M3	520	UJ	J	III	Low LCS
VP-13	OC-SG-056-VP13-121205	SG	ORIG	12-Dec-05	2-PROPANOL	29000	UG/M3	4200	J	J	III	Low LCS
VP-13	OC-SG-056-VP13-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	2200	UG/M3	2200	UJ	J	III	Low LCS
VP-13	OC-SG-056-VP13-121205	SG	ORIG	12-Dec-05	ETHANOL	3200	UG/M3	3200	UJ	J	III	Low LCS
VP-14	OC-SG-012-VP14-121505	SG	ORIG	15-Dec-05	2-PROPANOL	1200	UG/M3	1200	UJ	J	III	Low LCS
VP-14	OC-SG-012-VP14-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	620	UG/M3	620	UJ	J	III	Low LCS
VP-14	OC-SG-012-VP14-121505	SG	ORIG	15-Dec-05	ETHANOL	910	UG/M3	910	UJ	J	III	Low LCS
VP-14	OC-SG-029-VP14-121505	SG	ORIG	15-Dec-05	2-PROPANOL	7600	UG/M3	7600	UJ	J	III	Low LCS
VP-14	OC-SG-029-VP14-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	4000	UG/M3	4000	UJ	J	III	Low LCS
VP-14	OC-SG-029-VP14-121505	SG	ORIG	15-Dec-05	ETHANOL	5800	UG/M3	5800	UJ	J	III	Low LCS
VP-14	OC-SG-035-VP14-121505	SG	ORIG	15-Dec-05	2-PROPANOL	8100	UG/M3	8100	UJ	J	III	Low LCS
VP-14	OC-SG-035-VP14-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	4300	UG/M3	4300	UJ	J	III	Low LCS
VP-14	OC-SG-035-VP14-121505	SG	ORIG	15-Dec-05	ETHANOL	6200	UG/M3	6200	UJ	J	III	Low LCS
VP-14	OC-SG-044K-VP14-121505	SG	Duplicate	15-Dec-05	2-PROPANOL	13000	UG/M3	13000	UJ	J	III	Low LCS
VP-14	OC-SG-044K-VP14-121505	SG	Duplicate	15-Dec-05	BENZYL CHLORIDE	6700	UG/M3	6700	UJ	J	III	Low LCS
VP-14	OC-SG-044K-VP14-121505	SG	Duplicate	15-Dec-05	ETHANOL	9700	UG/M3	9700	UJ	J	III	Low LCS
VP-14	OC-SG-044-VP14-121505	SG	ORIG	15-Dec-05	2-PROPANOL	12000	UG/M3	12000	UJ	J	III	Low LCS
VP-14	OC-SG-044-VP14-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	6200	UG/M3	6200	UJ	J	III	Low LCS
VP-14	OC-SG-044-VP14-121505	SG	ORIG	15-Dec-05	ETHANOL	9000	UG/M3	9000	UJ	J	III	Low LCS
VP-14	OC-SG-051-VP14-121505	SG	ORIG	15-Dec-05	2-PROPANOL	22000	UG/M3	22000	UJ	J	III	Low LCS
VP-14	OC-SG-051-VP14-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	12000	UG/M3	12000	UJ	J	III	Low LCS
VP-14	OC-SG-051-VP14-121505	SG	ORIG	15-Dec-05	ETHANOL	17000	UG/M3	17000	UJ	J	III	Low LCS
VP-14	OC-SG-058-VP14-121505	SG	ORIG	15-Dec-05	2-PROPANOL	24000	UG/M3	24000	UJ	J	III	Low LCS
VP-14	OC-SG-058-VP14-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	13000	UG/M3	13000	UJ	J	III	Low LCS
VP-14	OC-SG-058-VP14-121505	SG	ORIG	15-Dec-05	ETHANOL	19000	UG/M3	19000	UJ	J	III	Low LCS
VP-15	OC-SG-006-VP15-121405	SG	ORIG	14-Dec-05	2-PROPANOL	2500	UG/M3	2500	UJ	J	III	Low LCS
VP-15	OC-SG-006-VP15-121405	SG	ORIG	14-Dec-05	BENZYL CHLORIDE	1300	UG/M3	1300	UJ	J	III	Low LCS
VP-15	OC-SG-006-VP15-121405	SG	ORIG	14-Dec-05	ETHANOL	1900	UG/M3	1900	UJ	J	III	Low LCS
VP-15	OC-SG-012K-VP15-121405	SG	Duplicate	14-Dec-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	650000	UG/M3	3700	J	J	III	Field Duplicate Precision
VP-15	OC-SG-012K-VP15-121405	SG	Duplicate	14-Dec-05	1,1-DICHLOROETHENE	550000	UG/M3	1900	J	J	III	Field Duplicate Precision
VP-15	OC-SG-012K-VP15-121405	SG	Duplicate	14-Dec-05	2-PROPANOL	9800	UG/M3	4800	J	J	III	Low LCS
VP-15	OC-SG-012K-VP15-121405	SG	Duplicate	14-Dec-05	BENZYL CHLORIDE	2500	UG/M3	2500	UJ	J	III	Low LCS
VP-15	OC-SG-012K-VP15-121405	SG	Duplicate	14-Dec-05	ETHANOL	3600	UG/M3	3600	UJ	J	III	Low LCS
VP-15	OC-SG-012K-VP15-121405	SG	Duplicate	14-Dec-05	TETRACHLOROETHENE	520000	UG/M3	3300	J	J	III	Field Duplicate Precision
VP-15	OC-SG-012K-VP15-121405	SG	Duplicate	14-Dec-05	TRICHLOROETHENE	38000	UG/M3	2600	J	J	III	Field Duplicate Precision
VP-15	OC-SG-012K-VP15-121405	SG	Duplicate	14-Dec-05	TRICHLOROFLUOROMETHANE (FREON 11)	160000	UG/M3	2700	J	J	III	Field Duplicate Precision
VP-15	OC-SG-012-VP15-121405	SG	ORIG	14-Dec-05	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1000000	UG/M3	6600	J	J	III	Field Duplicate Precision

Table A-15
Omega Chemical Superfund Site
Summary of Qualified Data

Location ID	Sample ID	Media	Sample Type	Sample Date	Analyte	Result	Units	Reporting Limit	Overall Qualifier	Validation Qualifier	Validation Level	Basis for Qualification
VP-15	OC-SG-012-VP15-121405	SG	ORIG	14-Dec-05	1,1-DICHLOROETHENE	860000	UG/M3	3400	J	J	III	Field Duplicate Precision
VP-15	OC-SG-012-VP15-121405	SG	ORIG	14-Dec-05	2-PROPANOL	8400	UG/M3	8400	UJ	J	III	Low LCS
VP-15	OC-SG-012-VP15-121405	SG	ORIG	14-Dec-05	BENZYL CHLORIDE	4400	UG/M3	4400	UJ	J	III	Low LCS
VP-15	OC-SG-012-VP15-121405	SG	ORIG	14-Dec-05	ETHANOL	6500	UG/M3	6500	UJ	J	III	Low LCS
VP-15	OC-SG-012-VP15-121405	SG	ORIG	14-Dec-05	TETRACHLOROETHENE	900000	UG/M3	5800	J	J	III	Field Duplicate Precision
VP-15	OC-SG-012-VP15-121405	SG	ORIG	14-Dec-05	TRICHLOROETHENE	58000	UG/M3	4600	J	J	III	Field Duplicate Precision
VP-15	OC-SG-012-VP15-121405	SG	ORIG	14-Dec-05	TRICHLOROFLUOROMETHANE (FREON 11)	200000	UG/M3	4800	J	J	III	Field Duplicate Precision
VP-15	OC-SG-018-VP15-121405	SG	ORIG	14-Dec-05	2-PROPANOL	5000	UG/M3	5000	UJ	J	III	Low LCS
VP-15	OC-SG-018-VP15-121405	SG	ORIG	14-Dec-05	BENZYL CHLORIDE	2600	UG/M3	2600	UJ	J	III	Low LCS
VP-15	OC-SG-018-VP15-121405	SG	ORIG	14-Dec-05	ETHANOL	3800	UG/M3	3800	UJ	J	III	Low LCS
VP-15	OC-SG-024-VP15-121405	SG	ORIG	14-Dec-05	2-PROPANOL	4700	UG/M3	4700	UJ	J	III	Low LCS
VP-15	OC-SG-024-VP15-121405	SG	ORIG	14-Dec-05	BENZYL CHLORIDE	2500	UG/M3	2500	UJ	J	III	Low LCS
VP-15	OC-SG-024-VP15-121405	SG	ORIG	14-Dec-05	ETHANOL	3600	UG/M3	3600	UJ	J	III	Low LCS
VP-15	OC-SG-040-VP15-121405	SG	ORIG	14-Dec-05	2-PROPANOL	13000	UG/M3	11000	J	J	III	Low LCS
VP-15	OC-SG-040-VP15-121405	SG	ORIG	14-Dec-05	BENZYL CHLORIDE	5900	UG/M3	5900	UJ	J	III	Low LCS
VP-15	OC-SG-040-VP15-121405	SG	ORIG	14-Dec-05	ETHANOL	8600	UG/M3	8600	UJ	J	III	Low LCS
VP-15	OC-SG-050-VP15-121405	SG	ORIG	14-Dec-05	2-PROPANOL	15000	UG/M3	15000	UJ	J	III	Low LCS
VP-15	OC-SG-050-VP15-121405	SG	ORIG	14-Dec-05	BENZYL CHLORIDE	7900	UG/M3	7900	UJ	J	III	Low LCS
VP-15	OC-SG-050-VP15-121405	SG	ORIG	14-Dec-05	ETHANOL	11000	UG/M3	11000	UJ	J	III	Low LCS
VP-15	OC-SG-060-VP15-121405	SG	ORIG	14-Dec-05	2-PROPANOL	16000	UG/M3	16000	UJ	J	III	Low LCS
VP-15	OC-SG-060-VP15-121405	SG	ORIG	14-Dec-05	BENZYL CHLORIDE	8200	UG/M3	8200	UJ	J	III	Low LCS
VP-15	OC-SG-060-VP15-121405	SG	ORIG	14-Dec-05	ETHANOL	12000	UG/M3	12000	UJ	J	III	Low LCS
VP-15	OC-SG-070-VP15-121405	SG	ORIG	14-Dec-05	2-PROPANOL	21000	UG/M3	14000	J	J	III	Low LCS
VP-15	OC-SG-070-VP15-121405	SG	ORIG	14-Dec-05	BENZYL CHLORIDE	7600	UG/M3	7600	UJ	J	III	Low LCS
VP-15	OC-SG-070-VP15-121405	SG	ORIG	14-Dec-05	ETHANOL	11000	UG/M3	11000	UJ	J	III	Low LCS
VP-16	OC-SG-008-VP16-121305	SG	ORIG	13-Dec-05	2-PROPANOL	1100	UG/M3	1100	UJ	J	III	Low LCS
VP-16	OC-SG-008-VP16-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	580	UG/M3	580	UJ	J	III	Low LCS
VP-16	OC-SG-008-VP16-121305	SG	ORIG	13-Dec-05	ETHANOL	840	UG/M3	840	UJ	J	III	Low LCS
VP-16	OC-SG-022-VP16-121305	SG	ORIG	13-Dec-05	2-PROPANOL	2500	UG/M3	2500	UJ	J	III	Low LCS
VP-16	OC-SG-022-VP16-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	1300	UG/M3	1300	UJ	J	III	Low LCS
VP-16	OC-SG-022-VP16-121305	SG	ORIG	13-Dec-05	ETHANOL	2000	UG/M3	2000	UJ	J	III	Low LCS
VP-16	OC-SG-032K-VP16-121305	SG	Duplicate	13-Dec-05	2-PROPANOL	2400	UG/M3	2400	UJ	J	III	Low LCS
VP-16	OC-SG-032K-VP16-121305	SG	Duplicate	13-Dec-05	BENZYL CHLORIDE	1200	UG/M3	1200	UJ	J	III	Low LCS
VP-16	OC-SG-032K-VP16-121305	SG	Duplicate	13-Dec-05	ETHANOL	1800	UG/M3	1800	UJ	J	III	Low LCS
VP-16	OC-SG-032-VP16-121305	SG	ORIG	13-Dec-05	2-PROPANOL	2400	UG/M3	2400	UJ	J	III	Low LCS
VP-16	OC-SG-032-VP16-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	1200	UG/M3	1200	UJ	J	III	Low LCS
VP-16	OC-SG-032-VP16-121305	SG	ORIG	13-Dec-05	ETHANOL	1800	UG/M3	1800	UJ	J	III	Low LCS
VP-16	OC-SG-047-VP16-121305	SG	ORIG	13-Dec-05	2-PROPANOL	10000	UG/M3	7900	J	J	III	Low LCS
VP-16	OC-SG-047-VP16-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	4200	UG/M3	4200	UJ	J	III	Low LCS
VP-16	OC-SG-047-VP16-121305	SG	ORIG	13-Dec-05	ETHANOL	6100	UG/M3	6100	UJ	J	III	Low LCS
VP-16	OC-SG-060-VP16-121405	SG	ORIG	14-Dec-05	2-PROPANOL	230	UG/M3	230	UJ	J	III	Low LCS
VP-16	OC-SG-060-VP16-121405	SG	ORIG	14-Dec-05	BENZYL CHLORIDE	120	UG/M3	120	UJ	J	III	Low LCS
VP-16	OC-SG-060-VP16-121405	SG	ORIG	14-Dec-05	ETHANOL	180	UG/M3	180	UJ	J	III	Low LCS
VP-17	OC-SG-015-VP17-121205	SG	ORIG	12-Dec-05	2-PROPANOL	170	UG/M3	170	UJ	J	III	Low LCS
VP-17	OC-SG-015-VP17-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	88	UG/M3	88	UJ	J	III	Low LCS
VP-17	OC-SG-015-VP17-121205	SG	ORIG	12-Dec-05	ETHANOL	130	UG/M3	130	UJ	J	III	Low LCS
VP-17	OC-SG-025-VP17-121205	SG	ORIG	12-Dec-05	2-PROPANOL	320	UG/M3	320	UJ	J	III	Low LCS
VP-17	OC-SG-025-VP17-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	170	UG/M3	170	UJ	J	III	Low LCS
VP-17	OC-SG-025-VP17-121205	SG	ORIG	12-Dec-05	ETHANOL	250	UG/M3	250	UJ	J	III	Low LCS
VP-17	OC-SG-031-VP17-121205	SG	ORIG	12-Dec-05	2-PROPANOL	530	UG/M3	530	UJ	J	III	Low LCS
VP-17	OC-SG-031-VP17-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	280	UG/M3	280	UJ	J	III	Low LCS
VP-17	OC-SG-031-VP17-121205	SG	ORIG	12-Dec-05	ETHANOL	410	UG/M3	410	UJ	J	III	Low LCS
VP-17	OC-SG-045-VP17-121205	SG	ORIG	12-Dec-05	2-PROPANOL	4200	UG/M3	3000	J	J	III	Low LCS
VP-17	OC-SG-045-VP17-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	1600	UG/M3	1600	UJ	J	III	Low LCS
VP-17	OC-SG-045-VP17-121205	SG	ORIG	12-Dec-05	ETHANOL	2300	UG/M3	2300	UJ	J	III	Low LCS
VP-17	OC-SG-060-VP17-121205	SG	ORIG	12-Dec-05	2-PROPANOL	29000	UG/M3	14000	J	J	III	Low LCS
VP-17	OC-SG-060-VP17-121205	SG	ORIG	12-Dec-05	BENZYL CHLORIDE	7300	UG/M3	7300	UJ	J	III	Low LCS
VP-17	OC-SG-060-VP17-121205	SG	ORIG	12-Dec-05	ETHANOL	11000	UG/M3	11000	UJ	J	III	Low LCS
VP-18	OC-SG-027-VP18-121505	SG	ORIG	15-Dec-05	2-PROPANOL	19000	UG/M3	8600	J	J	III	Low LCS
VP-18	OC-SG-027-VP18-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	4600	UG/M3	4600	UJ	J	III	Low LCS
VP-18	OC-SG-027-VP18-121505	SG	ORIG	15-Dec-05	ETHANOL	6600	UG/M3	6600	UJ	J	III	Low LCS
VP-18	OC-SG-038K-VP18-121505	SG	Duplicate	15-Dec-05	2-PROPANOL	15000	UG/M3	15000	UJ	J	III	Low LCS
VP-18	OC-SG-038K-VP18-121505	SG	Duplicate	15-Dec-05	BENZYL CHLORIDE	7900	UG/M3	7900	UJ	J	III	Low LCS
VP-18	OC-SG-038K-VP18-121505	SG	Duplicate	15-Dec-05	ETHANOL	11000	UG/M3	11000	UJ	J	III	Low LCS
VP-18	OC-SG-038-VP18-121505	SG	ORIG	15-Dec-05	2-PROPANOL	15000	UG/M3	15000	UJ	J	III	Low LCS
VP-18	OC-SG-038-VP18-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	7700	UG/M3	7700	UJ	J	III	Low LCS
VP-18	OC-SG-038-VP18-121505	SG	ORIG	15-Dec-05	ETHANOL	11000	UG/M3	11000	UJ	J	III	Low LCS
VP-18	OC-SG-050-VP18-121505	SG	ORIG	15-Dec-05	2-PROPANOL	19000	UG/M3	19000	UJ	J	III	Low LCS
VP-18	OC-SG-050-VP18-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	9900	UG/M3	9900	UJ	J	III	Low LCS
VP-18	OC-SG-050-VP18-121505	SG	ORIG	15-Dec-05	ETHANOL	14000	UG/M3	14000	UJ	J	III	Low LCS
VP-18	OC-SG-058-VP18-121505	SG	ORIG	15-Dec-05	2-PROPANOL	23000	UG/M3	23000	UJ	J	III	Low LCS
VP-18	OC-SG-058-VP18-121505	SG	ORIG	15-Dec-05	BENZYL CHLORIDE	12000	UG/M3	12000	UJ	J	III	Low LCS
VP-18	OC-SG-058-VP18-121505	SG	ORIG	15-Dec-05	ETHANOL	18000	UG/M3	18000	UJ	J	III	Low LCS
VP-19	OC-SG-006-VP19-121305	SG	ORIG	13-Dec-05	2-PROPANOL	88	UG/M3	88	UJ	J	III	Low LCS
VP-19	OC-SG-006-VP19-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	46	UG/M3	46	UJ	J	III	Low LCS
VP-19	OC-SG-006-VP19-121305	SG	ORIG	13-Dec-05	ETHANOL	67	UG/M3	67	UJ	J	III	Low LCS
VP-19	OC-SG-012-VP19-121305	SG	ORIG	13-Dec-05	2-PROPANOL	93	UG/M3	93	UJ	J	III	Low LCS
VP-19	OC-SG-012-VP19-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	49	UG/M3	49	UJ	J	III	Low LCS
VP-19	OC-SG-012-VP19-121305	SG	ORIG	13-Dec-05	ETHANOL	72	UG/M3	72	UJ	J	III	Low LCS
VP-19	OC-SG-018-VP19-121305	SG	ORIG	13-Dec-05	2-PROPANOL	57	UG/M3	57	UJ	J	III	Low LCS
VP-19	OC-SG-018-VP19-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	30	UG/M3	30	UJ	J	III	Low LCS
VP-19	OC-SG-018-VP19-121305	SG	ORIG	13-Dec-05	ETHANOL	44	UG/M3	44	UJ	J	III	Low LCS
VP-19	OC-SG-024-VP19-121305	SG	ORIG	13-Dec-05	2-PROPANOL	31	UG/M3	31	UJ	J	III	Low LCS
VP-19	OC-SG-024-VP19-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	16	UG/M3	16	UJ	J	III	Low LCS
VP-19	OC-SG-024-VP19-121305	SG	ORIG	13-Dec-05	ETHANOL	24	UG/M3	24	UJ	J	III	Low LCS
VP-19	OC-SG-040-VP19-121305	SG	ORIG	13-Dec-05	2-PROPANOL	18	UG/M3	18	UJ	J	III	Low LCS
VP-19	OC-SG-040-VP19-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	9.6	UG/M3	9.6	UJ	J	III	Low LCS
VP-19	OC-SG-040-VP19-121305	SG	ORIG	13-Dec-05	ETHANOL	34	UG/M3	14	J	J	III	Low LCS
VP-19	OC-SG-050K-VP19-121305	SG	Duplicate	13-Dec-05	2-BUTANONE	70	UG/M3	11	J	J	III	Field Duplicate Precision
VP-19	OC-SG-050K-VP19-121305	SG	Duplicate	13-Dec-05	2-PROPANOL	38	UG/M3	38	UJ	J	III	Low LCS
VP-19	OC-SG-050K-VP19-121305	SG	Duplicate	13-Dec-05	BENZYL CHLORIDE	20	UG/M3	20	UJ	J	III	Low LCS
VP-19	OC-SG-050K-VP19-121305	SG	Duplicate	13-Dec-05	ETHANOL	29	UG/M3	29	UJ	J	III	Low LCS
VP-19	OC-SG-050-VP19-121305	SG	ORIG	13-Dec-05	2-BUTANONE	110	UG/M3	11	J	J	III	Field Duplicate Precision
VP-19	OC-SG-050-VP19-121305	SG	ORIG	13-Dec-05	2-PROPANOL	37	UG/M3	37	UJ	J	III	Low LCS
VP-19	OC-SG-050-VP19-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	19	UG/M3	19	UJ	J	III	Low LCS
VP-19	OC-SG-050-VP19-121305	SG	ORIG	13-Dec-05	ETHANOL	28	UG/M3	28	UJ	J	III	Low LCS
VP-19	OC-SG-060-VP19-121305	SG	ORIG	13-Dec-05	2-PROPANOL	30	UG/M3	30	UJ	J	III	Low LCS
VP-19	OC-SG-060-VP19-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	16	UG/M3	16	UJ	J	III	Low LCS
VP-19	OC-SG-060-VP19-121305	SG	ORIG	13-Dec-05	ETHANOL	23	UG/M3	23	UJ	J	III	Low LCS
VP-19	OC-SG-070-VP19-121305	SG	ORIG	13-Dec-05	2-PROPANOL	46	UG/M3	46	UJ	J	III	Low LCS
VP-19	OC-SG-070-VP19-121305	SG	ORIG	13-Dec-05	BENZYL CHLORIDE	24	UG/M3	24	UJ	J	III	Low LCS
VP-19	OC-SG-070-VP19-121305	SG	ORIG	13-Dec-05	ETHANOL	35	UG/M3	35	UJ	J	III	Low LCS
VP-20	OC-SG-021.5-VP20-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	3700	UG/M3	3700	UJ	J	III	Low CCV
VP-20	OC-SG-021.5-VP20-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	560	UG/M3	560	UJ	J	III	Low LCS
VP-20	OC-SG-029-VP20-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	4100	UG/M3	4100	UJ	J	III	Low CCV
VP-20	OC-SG-029-VP20-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	630	UG/M3	630	UJ	J	III	Low LCS
VP-20	OC-SG-051-VP20-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	4600	UG/M3	4600	UJ	J	III	Low CCV
VP-20	OC-SG-051-VP20-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	700	UG/M3	700	UJ	J	III	Low LCS
VP-21	OC-SG-020-VP21-030806	SG	ORIG	08-Mar-06	1,2,4-TRIMETHYLBENZENE	300	UG/M3	300	UJ	J	III	Low LCS
VP-21	OC-SG-020-VP21-030806	SG	ORIG	08-Mar-06	2,2,4-TRIMETHYLPENTANE	280	UG/M3	280	UJ	J	III	Low CCV
VP-21	OC-SG-020-VP21-030806	SG	ORIG	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	270	UG/M3	270	UJ	J	III	Low LCS
VP-21	OC-SG-029-VP21-030806	SG	ORIG	08-Mar-06	1,2,4-TRIMETHYLBENZENE	280	UG/M3	280	UJ	J	III	Low LCS
VP-21	OC-SG-029-VP21-030806	SG	ORIG	08-Mar-06	2,2,4-TRIMETHYLPENTANE	270	UG/M3	270	UJ	J	III	Low CCV
VP-21	OC-SG-029-VP21-030806	SG	ORIG	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	260	UG/M3	260	UJ	J	III	Low LCS

Table A-15
Omega Chemical Superfund Site
Summary of Qualified Data

Location ID	Sample ID	Media	Sample Type	Sample Date	Analyte	Result	Units	Reporting Limit	Overall Qualifier	Validation Qualifier	Validation Level	Basis for Qualification
VP-21	OC-SG-035K-VP21-030806	SG	Duplicate	08-Mar-06	1,2,4-TRIMETHYLBENZENE	390	UG/M3	390	UJ	J	III	Low LCS
VP-21	OC-SG-035K-VP21-030806	SG	Duplicate	08-Mar-06	2,2,4-TRIMETHYLPENTANE	370	UG/M3	370	UJ	J	III	Low CCV
VP-21	OC-SG-035K-VP21-030806	SG	Duplicate	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	360	UG/M3	360	UJ	J	III	Low LCS
VP-21	OC-SG-035-VP21-030806	SG	ORIG	08-Mar-06	1,2,4-TRIMETHYLBENZENE	400	UG/M3	400	UJ	J	III	Low LCS
VP-21	OC-SG-035-VP21-030806	SG	ORIG	08-Mar-06	2,2,4-TRIMETHYLPENTANE	380	UG/M3	380	UJ	J	III	Low CCV
VP-21	OC-SG-035-VP21-030806	SG	ORIG	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	360	UG/M3	360	UJ	J	III	Low LCS
VP-21	OC-SG-043-VP21-030806	SG	ORIG	08-Mar-06	1,2,4-TRIMETHYLBENZENE	4800	UG/M3	4800	UJ	J	III	Low LCS
VP-21	OC-SG-043-VP21-030806	SG	ORIG	08-Mar-06	2,2,4-TRIMETHYLPENTANE	4500	UG/M3	4500	UJ	J	III	Low CCV
VP-21	OC-SG-043-VP21-030806	SG	ORIG	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	4400	UG/M3	4400	UJ	J	III	Low LCS
VP-21	OC-SG-048-VP21-030806	SG	ORIG	08-Mar-06	1,2,4-TRIMETHYLBENZENE	1500	UG/M3	1500	UJ	J	III	Low LCS
VP-21	OC-SG-048-VP21-030806	SG	ORIG	08-Mar-06	2,2,4-TRIMETHYLPENTANE	1400	UG/M3	1400	UJ	J	III	Low CCV
VP-21	OC-SG-048-VP21-030806	SG	ORIG	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	1400	UG/M3	1400	UJ	J	III	Low LCS
VP-22	OC-SG-018-VP22-030806	SG	ORIG	08-Mar-06	1,2,4-TRIMETHYLBENZENE	16	UG/M3	14	J	J	III	Low LCS
VP-22	OC-SG-018-VP22-030806	SG	ORIG	08-Mar-06	2,2,4-TRIMETHYLPENTANE	14	UG/M3	14	J	J	III	Low CCV
VP-22	OC-SG-018-VP22-030806	SG	ORIG	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	13	UG/M3	13	UJ	J	III	Low LCS
VP-22	OC-SG-027-VP22-030806	SG	ORIG	08-Mar-06	1,2,4-TRIMETHYLBENZENE	66	UG/M3	66	UJ	J	III	Low LCS
VP-22	OC-SG-027-VP22-030806	SG	ORIG	08-Mar-06	2,2,4-TRIMETHYLPENTANE	63	UG/M3	63	UJ	J	III	Low CCV
VP-22	OC-SG-027-VP22-030806	SG	ORIG	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	61	UG/M3	61	UJ	J	III	Low LCS
VP-22	OC-SG-039-VP22-030806	SG	ORIG	08-Mar-06	1,2,4-TRIMETHYLBENZENE	59	UG/M3	59	UJ	J	III	Low LCS
VP-22	OC-SG-039-VP22-030806	SG	ORIG	08-Mar-06	2,2,4-TRIMETHYLPENTANE	56	UG/M3	56	UJ	J	III	Low CCV
VP-22	OC-SG-039-VP22-030806	SG	ORIG	08-Mar-06	TRANS-1,3-DICHLOROPROPENE	54	UG/M3	54	UJ	J	III	Low LCS
VP-23	OC-SG-022-VP23-030906	SG	ORIG	09-Mar-06	1,2,4-TRIMETHYLBENZENE	9	UG/M3	5.8	J	J	III	Low LCS
VP-23	OC-SG-022-VP23-030906	SG	ORIG	09-Mar-06	2,2,4-TRIMETHYLPENTANE	7.3	UG/M3	5.6	J	J	III	Low CCV
VP-23	OC-SG-022-VP23-030906	SG	ORIG	09-Mar-06	TRANS-1,3-DICHLOROPROPENE	5.4	UG/M3	5.4	UJ	J	III	Low LCS
VP-23	OC-SG-029-VP23-030906	SG	ORIG	09-Mar-06	1,2,4-TRIMETHYLBENZENE	32	UG/M3	32	UJ	J	III	Low LCS
VP-23	OC-SG-029-VP23-030906	SG	ORIG	09-Mar-06	2,2,4-TRIMETHYLPENTANE	30	UG/M3	30	UJ	J	III	Low CCV
VP-23	OC-SG-029-VP23-030906	SG	ORIG	09-Mar-06	TRANS-1,3-DICHLOROPROPENE	30	UG/M3	30	UJ	J	III	Low LCS
VP-23	OC-SG-045K-VP23-030906	SG	Duplicate	09-Mar-06	1,2,4-TRIMETHYLBENZENE	28	UG/M3	28	UJ	J	III	Low LCS
VP-23	OC-SG-045K-VP23-030906	SG	Duplicate	09-Mar-06	2,2,4-TRIMETHYLPENTANE	26	UG/M3	26	UJ	J	III	Low CCV
VP-23	OC-SG-045K-VP23-030906	SG	Duplicate	09-Mar-06	TRANS-1,3-DICHLOROPROPENE	25	UG/M3	25	UJ	J	III	Low LCS
VP-23	OC-SG-045-VP23-030906	SG	ORIG	09-Mar-06	1,2,4-TRIMETHYLBENZENE	28	UG/M3	28	UJ	J	III	Low LCS
VP-23	OC-SG-045-VP23-030906	SG	ORIG	09-Mar-06	2,2,4-TRIMETHYLPENTANE	26	UG/M3	26	UJ	J	III	Low CCV
VP-23	OC-SG-045-VP23-030906	SG	ORIG	09-Mar-06	TRANS-1,3-DICHLOROPROPENE	25	UG/M3	25	UJ	J	III	Low LCS
VP-24	OC-SG-027-VP24-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	6900	UG/M3	6900	UJ	J	III	Low CCV
VP-24	OC-SG-027-VP24-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	1000	UG/M3	1000	UJ	J	III	Low LCS
VP-24	OC-SG-035-VP24-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	7000	UG/M3	7000	UJ	J	III	Low LCS
VP-24	OC-SG-039-VP24-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	6900	UG/M3	6900	UJ	J	III	Low LCS
VP-25	OC-SG-025-VP25-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	51	UG/M3	51	UJ	J	III	Low CCV
VP-25	OC-SG-025-VP25-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	7.7	UG/M3	7.7	UJ	J	III	Low LCS
VP-25	OC-SG-029-VP25-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	55	UG/M3	55	UJ	J	III	Low CCV
VP-25	OC-SG-029-VP25-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	8.5	UG/M3	8.5	UJ	J	III	Low LCS
VP-25	OC-SG-036-VP25-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	34	UG/M3	34	UJ	J	III	Low CCV
VP-25	OC-SG-036-VP25-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	5.3	UG/M3	5.3	UJ	J	III	Low LCS
VP-26	OC-SG-010-VP26-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	5.1	UG/M3	5.1	UJ	J	III	Low LCS
VP-26	OC-SG-010-VP26-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	2.7	UG/M3	2.7	UJ	J	III	Low CCV
VP-26	OC-SG-025-VP26-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	5	UG/M3	5	UJ	J	III	Low LCS
VP-26	OC-SG-025-VP26-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low CCV
VP-26	OC-SG-040-VP26-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	9.2	UG/M3	5	J	J	III	Low LCS
VP-26	OC-SG-040-VP26-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low CCV
VP-26	OC-SG-050-VP26-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	8.2	UG/M3	5.1	J	J	III	Low LCS
VP-26	OC-SG-050-VP26-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	2.7	UG/M3	2.7	UJ	J	III	Low CCV
VP-26	OC-SG-060-VP26-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	10	UG/M3	5.1	J	J	III	Low LCS
VP-26	OC-SG-060-VP26-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	2.7	UG/M3	2.7	UJ	J	III	Low CCV
VP-27	OC-SG-010-VP27-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	9.9	UG/M3	5	J	J	III	Low LCS
VP-27	OC-SG-010-VP27-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low CCV
VP-27	OC-SG-025-VP27-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	11	UG/M3	5	J	J	III	Low LCS
VP-27	OC-SG-025-VP27-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low CCV
VP-27	OC-SG-040-VP27-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	5	UG/M3	5	UJ	J	III	Low LCS
VP-27	OC-SG-040-VP27-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low CCV
VP-27	OC-SG-050-VP27-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	20	UG/M3	5.7	J	J	III	Low LCS
VP-27	OC-SG-050-VP27-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	3	UG/M3	3	UJ	J	III	Low CCV
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	24	UG/M3	7.8	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	1,2,4-TRIMETHYLBENZENE	5	UG/M3	5	J	J	III	Low LCS/Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	1,3-BUTADIENE	99	UG/M3	2.3	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	2-BUTANONE	11	UG/M3	3	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	ACETONE	120	UG/M3	9.7	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	BENZENE	18	UG/M3	3.3	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	CARBON DISULFIDE	3.8	UG/M3	3.2	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	CYCLOHEXANE	7.7	UG/M3	3.5	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	ETHYLBENZENE	5.1	UG/M3	4.4	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	HEPTANE	66	UG/M3	4.2	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	HEXANE (N-HEXANE)	130	UG/M3	3.6	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	M,P-XYLENES	16	UG/M3	4.4	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	O-XYLENE	5	UG/M3	4.4	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	TOLUENE	48	UG/M3	3.9	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	TRICHLOROFLUOROMETHANE (FREON 11)	14	UG/M3	5.8	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060K-VP27-053106	SG	Duplicate	31-May-06	VINYL CHLORIDE	2.6	UG/M3	2.6	UJ	J	III	Low CCV
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	62	UG/M3	9.3	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	11	UG/M3	5.9	J	J	III	Low LCS/Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	1,3-BUTADIENE	320	UG/M3	2.7	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	2-BUTANONE	17	UG/M3	3.6	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	ACETONE	95	UG/M3	11	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	BENZENE	110	UG/M3	3.9	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	CARBON DISULFIDE	22	UG/M3	3.8	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	CYCLOHEXANE	35	UG/M3	4.2	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	ETHYLBENZENE	13	UG/M3	5.2	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	HEPTANE	540	UG/M3	5	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	HEXANE (N-HEXANE)	700	UG/M3	4.3	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	M,P-XYLENES	43	UG/M3	5.2	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	O-XYLENE	15	UG/M3	5.2	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	TOLUENE	110	UG/M3	4.6	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	TRICHLOROFLUOROMETHANE (FREON 11)	40	UG/M3	6.8	J	J	III	Field Duplicate Precision
VP-27	OC-SG-060-VP27-053106	SG	ORIG	31-May-06	VINYL CHLORIDE	3.1	UG/M3	3.1	UJ	J	III	Low CCV
VP-28	OC-SG-020-VP28-030706	SG	ORIG	07-Mar-06	1,2,4-TRICHLOROBENZENE	7400	UG/M3	7400	UJ	J	III	Low CCV
VP-28	OC-SG-020-VP28-030706	SG	ORIG	07-Mar-06	TRANS-1,3-DICHLOROPROPENE	1100	UG/M3	1100	UJ	J	III	Low LCS
VP-28	OC-SG-029-VP28-030706	SG	ORIG	07-Mar-06	1,2,4-TRICHLOROBENZENE	680	UG/M3	680	UJ	J	III	Low CCV
VP-28	OC-SG-029-VP28-030706	SG	ORIG	07-Mar-06	TRANS-1,3-DICHLOROPROPENE	100	UG/M3	100	UJ	J	III	Low LCS
VP-28	OC-SG-043-VP28-030706	SG	ORIG	07-Mar-06	TRANS-1,3-DICHLOROPROPENE	260	UG/M3	260	UJ	J	III	Low LCS
VP-29	OC-SG-022-VP29-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	18000	UG/M3	18000	UJ	J	III	Low CCV
VP-29	OC-SG-022-VP29-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	2700	UG/M3	2700	UJ	J	III	Low LCS
VP-29	OC-SG-029K-VP29-030606	SG	Duplicate	06-Mar-06	1,2,4-TRICHLOROBENZENE	22000	UG/M3	22000	UJ	J	III	Low CCV
VP-29	OC-SG-029K-VP29-030606	SG	Duplicate	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	3400	UG/M3	3400	UJ	J	III	Low LCS
VP-29	OC-SG-029-VP29-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	18000	UG/M3	18000	UJ	J	III	Low CCV
VP-29	OC-SG-029-VP29-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	2700	UG/M3	2700	UJ	J	III	Low LCS
VP-29	OC-SG-048-VP29-030606	SG	ORIG	06-Mar-06	1,2,4-TRICHLOROBENZENE	34000	UG/M3	34000	UJ	J	III	Low CCV
VP-29	OC-SG-048-VP29-030606	SG	ORIG	06-Mar-06	TRANS-1,3-DICHLOROPROPENE	5200	UG/M3	5200	UJ	J	III	Low LCS
VP-30	OC-SG-008-VP30-060106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	13	UG/M3	10	J	J	III	Low LCS
VP-30	OC-SG-008-VP30-060106	SG	ORIG	31-May-06	VINYL CHLORIDE	5.2	UG/M3	5.2	UJ	J	III	Low CCV
VP-30	OC-SG-029-VP30-060106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	21	UG/M3	21	UJ	J	III	Low LCS
VP-30	OC-SG-029-VP30-060106	SG	ORIG	31-May-06	VINYL CHLORIDE	11	UG/M3	11	UJ	J	III	Low CCV
VP-30	OC-SG-040-VP30-060106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	14	UG/M3	10	J	J	III	Low LCS
VP-30	OC-SG-040-VP30-060106	SG	ORIG	31-May-06	VINYL CHLORIDE	5.3	UG/M3	5.3	UJ	J	III	Low CCV
VP-30	OC-SG-050-VP30-060106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	24	UG/M3	20	J	J	III	Low LCS
VP-30	OC-SG-050-VP30-060106	SG	ORIG	31-May-06	VINYL CHLORIDE	11	UG/M3	11	UJ	J	III	Low CCV

Table A-15
Omega Chemical Superfund Site
Summary of Qualified Data

Location ID	Sample ID	Media	Sample Type	Sample Date	Analyte	Result	Units	Reporting Limit	Overall Qualifier	Validation Qualifier	Validation Level	Basis for Qualification
VP-30	OC-SG-060-VP30-060106	SG	ORIG	31-May-06	1,2,4-TRIMETHYLBENZENE	30	UG/M3	20	J	J	III	Low LCS
VP-30	OC-SG-060-VP30-060106	SG	ORIG	31-May-06	VINYL CHLORIDE	11	UG/M3	11	UJ	J	III	Low CCV

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3
BORING/WELL NUMBER B-1/MIP-14
PROJECT NAME Omega Chemical
DATE DRILLED 12/16/05
LOCATION 12512 East Whittier
CASING TYPE/DIAMETER NA
DRILLING METHOD Direct Push
SCREEN TYPE/SLOT NA
SAMPLING METHOD Macrocore
GRAVEL PACK TYPE NA
GROUND SURFACE ELEVATION (FT MSL) 208.95
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA
STATIC WATER LEVEL (FT BELOW TOC) NA
LOGGED BY Scott Sanderson
GROUND WATER ELEVATION (FT MSL)
REMARKS Boring was sampled for lithology continously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SILT: dark brown; 70% silt, low plasticity, soft; 20% clay; 10% sand, poorly graded, fine; dry.	4.0	
					5	ML		SILT WITH SAND: brown; 70% silt, low plasticity, soft; 20% sand, poorly graded, fine; 5% gravel, trace rock fragments; dry.	5.0	
						SP		SAND: brown; 95% sand, poorly graded, fine; 5% rock fragments (<1" diameter) intermixed; trace gravel; dry.	10.0	
					10	SP SM		SAND WITH SILT: brown sand, poorly graded, fine, soft; dry, solvent odor.	16.0	
					15	SM		SILTY SAND: brown; 55% sand, poorly graded, fine, firm; 35% silt; 10% rock fragments (>1" diameter); trace gravel, subangular, subrounded; dry, solvent odor.	22.0	
					20	CL ML		SILTY CLAY/CLAYEY SILT: brown; silty clay/clayey silt, medium plasticity, firm; sand, poorly graded, fine; gravel (<0.5" diameter); dry.	25.0	
0.3/0.7		60"/60"	MIP14-B1-26		25	SP ML		SILTY SAND/SANDY SILT: brown; 50% silt, non-plastic, firm; 50% sand, poorly graded, fine; dry.	26.0	
						ML		SANDY SILT: brown; 50% silt, hard; 40% sand, poorly graded, fine; 10% rock fragments and gravel; dry.	28.0	
						SM		SILTY SAND: brown; 65% sand, poorly graded, fine, firm; 30% silt; 5% gravel; dry.	29.0	
					30	SP ML		SILTY SAND/SANDY SILT: brown; 50% silt, non-plastic, firm; 50% sand, poorly graded, fine; dry.	32.0	

Continued Next Page

NEWGINT OMEGA.GPJ NEWGINT.GDT 1/11/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-1/MIP-14

PROJECT NAME Omega Chemical **DATE DRILLED** 12/16/05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						SM		SILTY SAND: brown; 70% sand, poorly graded, fine; 20% silt; 10% gravel, subangular, <0.5" diameter; dry.	34.0	
0/0.3		52"/60"	MIP14-B1-34		35	CL ML		LEAN CLAY WITH SAND: brown; 60% clay, silty, firm to hard, dense; 20% silt; 20% sand; dry.	35.0	
						SM		SILTY SAND: brown; 60% sand, poorly graded, fine, hard; 30% silt; 10% rock fragments and gravel, up to 1" diameter; dry.	37.0	
						ML		SILT: brown; 80% silt, soft to firm, low plasticity; 15% clay; 5% sand, poorly graded, fine; dry.	39.0	
						SM		SILTY SAND: brown; 70% sand, poorly graded, fine; 20% silt; 10%gravel, up to 0.5" diameter; dry.	40.0	
					40	ML		SANDY SILT: brown; 70% silt, soft to firm, low plasticity; 30% sand; trace clay; dry.	42.0	
						SM		SILTY SAND: brown; 70% sand, poorly graded, fine, firm to hard; 30% silt; dry.	44.0	
						ML		SANDY SILT: brown; 60% silt, soft, low plasticity; 40% sand; dry.	45.0	
					45	SM		SILTY SAND: brown; 60% sand, poorly graded, fine, firm; 35% silt; 5% gravel, angular, <1" diameter; dry.	46.0	
						CL ML		LEAN CLAY WITH SAND: brown; 40% clay; non-plastic, moist from 47-48 feet; 40% silt; 20% sand; trace gravel (<0.5" diameter); dry from 46-47 feet and 48-55 feet.		
NR		34"/60"	MIP14-B1-53		55	ML		SANDY SILT: brown; 55% silt, low plastic to non-plastic, firm; 45% sand, poorly graded, fine; trace of fine gravel.	55.0	
					60			NO RECOVERY	60.0	
					65	ML		SANDY SILT: brown; 50% silt, low plasticity; 45% sand, poorly graded, fine; trace gravel (subangular, subrounded) and rock fragments intermixed; moist.	65.0	
								LEAN CLAY: brown; 80% clay, medium plasticity, firm;	68.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-1/MIP-14

PROJECT NAME Omega Chemical **DATE DRILLED** 12/16/05

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						CL		15% silt; 5% sand; trace gravel.		
					70				70.0	
						SP ML		SILTY SAND/SANDY SILT: brown; 50% silt, non-plastic, firm; 50% sand, poorly graded, fine; trace of fine gravel; dry.	72.0	
						CL ML		LEAN CLAY WITH SAND: brown; 70% clay, soft, medium plasticity; 15% silt; 15% sand; dry; sand content increased at 73'.	73.0	
6.7		43"/60"	MIP14-B1-74			SP ML		SILTY SAND/SANDY SILT: brown; 45% silt, soft to firm; 45% sand, poorly graded, fine; 10% clay.		
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 | **BORING/WELL NUMBER** B-2/MIP-3
PROJECT NAME Omega Chemical | **DATE DRILLED** 12/17/05
LOCATION 12504 East Whittier Blvd, Whittier, CA | **CASING TYPE/DIAMETER** NA
DRILLING METHOD Direct Push | **SCREEN TYPE/SLOT** NA
SAMPLING METHOD Macrocore | **GRAVEL PACK TYPE** NA
GROUND SURFACE ELEVATION (FT MSL) 207.68 | **GROUT TYPE/QUANTITY** Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA | **STATIC WATER LEVEL (FT BELOW TOC)** NA
LOGGED BY Scott Sanderson | **GROUND WATER ELEVATION (FT MSL)**
REMARKS Boring was sampled for lithology continously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
						ML		SANDY SILT: dark brown; 60% silt, soft, low plasticity; 35% sand; 5% gravel.	
2.4		24"/60"	MIP3-B2-05		5	SP			5.0
						ML		SAND & SILT: dark brown; 50% silt, soft, low plasticity; 50% sand, poorly graded, fine.	6.0
						SM		SILTY SAND: brown; 70% sand, poorly graded, fine, soft; 25% silt; 5% rock fragments and gravel.	7.5
						SP		SAND WITH GRAVEL: brown; 60% sand, hard, coarse, poorly graded; 40% gravel and rock fragments.	9.5
						SM		SILTY SAND: brown; 60% sand, poorly graded, fine, soft; 40% silt.	10.0
					10	SM		SILTY SAND: brown 60% sand, poorly graded, fine, firm; 30% silt, 10% rock fragments and gravel.	
1.7		24"/60"	MIP3-B2-15		15			SILTY SAND/SANDY SILT: brown; silt, low plasticity, soft; sand, poorly graded, fine; trace gravel; dry.	15.0
						SP ML		SILTY SAND/SANDY SILT: brown; 35% silt, hard; 35% sand; 30% gravel and rock fragments, subangular, subrounded, diameter up to 1.5"; dry.	17.0
								SITLY SAND/SANDY SILT: brown; 40% silt, firm to hard, low plasticity; 40% sand, poorly graded, fine; 20% rock fragments (<1" diameter) and gravel, subangular, subrounded.	
					20			SILTY SAND/SANDY SILT: brown; 50% silt, low plasticity, soft; 50% sand, poorly graded, fine; trace gravel.	20.0
						SP SM		SAND WITH GRAVEL: brown; 70% sand, poorly graded, fine, soft; 20% rock fragments; 10% gravel.	21.0
						SP ML		SILTY SAND/SANDY SILT: brown; 50% silt, low plasticity, soft; 50% sand, poorly graded, fine; trace gravel.	22.0
						ML		SILT: brown; 60% silt, soft to firm, medium plasticity; 30% clay, 10% sand; dry.	23.0
					25				25.0

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-2/MIP-3

PROJECT NAME Omega Chemical **DATE DRILLED** 12/17/05

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SANDY SILT: brown; 60% silt, soft to firm, low to medium plasticity; 30% sand; 10% rock and gravel.		
					30				30.0	
1.4		60"/60"	MIP3-B2-30			CL		LEAN CLAY WITH SAND: brown; 50% clay, soft, medium plasticity; 30% silt; 20% sand; dry.		
									33.0	
1.7		50"/60"	MIP3-B2-33			CL		CLAY: brown; 70% clay, hard, dense, medium plasticity; 20% silt; 10% sand; dry.		
					35				35.0	
						CL		CLAY: brown; 80% clay, firm, dense, high plasticity; 10% sand, 10% silt, trace gravel.		
									40.0	
					40	ML		SANDY SILT: brown; 70% silt, soft to firm, low to medium plasticity; 30% sand.	41.0	
						SP ML		SAND & SILT: brown; 50% silt, firm; 50% sand; trace gravel, subangular, subrounded, <0.5" diameter.	42.0	
4.2		60"/60"	MIP3-B2-42			SM		SILTY SAND: brown; 70% sand, firm; 30% silt; trace gravel, <0.5" diameter; dry.		
					45				45.0	
						ML		SANDY SILT: brown; 60% silt, soft to firm, low plasticity; 40% sand; trace gravel, angular, <0.5" diameter.		
									47.0	
						CL		LEAN CLAY: brown; 70% clay, dense, firm, medium plasticity; 20% silt, 10% sand.		
					50				50.0	
								NO RECOVERY		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-2/MIP-3

PROJECT NAME Omega Chemical **DATE DRILLED** 12/17/05

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					55	CL		CLAY: brown; 70% clay, firm, high plasticity; 20% silt; 10% sand; dry.	55.0	
						SM		SILTY SAND WITH GRAVEL: brown; 40% sand; 35% silt; 20% rock fragments (>1" diameter) and gravel (angular) and rock (>1" diameter); 5% clay.	56.0	
18.6		52"/60"	MIP3-B2-57			ML		SILT: brown; 60% silt, firm to hard, low plasticity; 20% clay, 10% sand, 10% gravel.	57.0	
					60	SP ML		SILTY SAND/SANDY SILT: brown; 45% silt, soft to firm, low plasticity; 45% sand, poorly graded, fine, 10% clay.	60.0	
						CL		CLAY: brown; 70% clay, soft, medium plasticity; 20% silt, 10% sand; dry.	63.0	
					65	ML		SANDY SILT WITH GRAVEL: brown; 40% silt, firm to hard, low plasticity; 20% sand, 20% clay, 20% gravel and rock fragments.	65.0	
51		60"/60"	MIP3-B2-66						68.0	
						SP		SAND: brown; 90% sand, poorly graded, fine, soft; 5% clay; 5% gravel (subangular, subrounded) and rock fragments (<1" diameter); dry.	68.5	
						CL		CLAY: brown; 80% clay, firm, dense, high plasticity, dry; 10% silt; 10% sand; dry.	70.0	
					70	ML		SILT: brown; 75% silt, high plasticity, firm; 15% clay; 10% sand; dry.		
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-3/MIP-1
PROJECT NAME Omega Chemical **DATE DRILLED** 12/19/05
LOCATION 12504 East Whittier Blvd, Whittier, CA **CASING TYPE/DIAMETER** NA
DRILLING METHOD Direct Push **SCREEN TYPE/SLOT** NA
SAMPLING METHOD Macrocore **GRAVEL PACK TYPE** NA
GROUND SURFACE ELEVATION (FT MSL) 210.59 **GROUT TYPE/QUANTITY** Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA **STATIC WATER LEVEL (FT BELOW TOC)** NA
LOGGED BY Scott Sanderson **GROUND WATER ELEVATION (FT MSL)**
REMARKS Boring was sampled for lithology continously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SANDY SILT: dark brown; 65% silt, firm, low plasticity; 35% sand, poorly graded, fine; trace gravel; dry.		
									2.0	
						SP ML		SAND & SILT: brown 50% sand, poorly graded, fine, firm; 50% silt, non-plastic; trace gravel; dry.		
					5				5.0	
						SP SM		SAND WITH SILT: brown; 50% sand, soft; 10% silt; 10% gravel, subangular, subrounded; 30% rock fragments, >1" diameter; dry.	6.5	
						SM		SILTY SAND: brown; 80% sand, poorly graded, fine, soft; 20% silt; dry.		
					10				10.0	
						SM		SILTY SAND: brown; 75% sand, poorly graded, fine, soft; 25% silt; dry.		
									13.0	
						SP ML		SAND & SILT: brown; 50% sand, poorly graded, fine; 50% silt, soft, low plasticity; trace rock fragments, <1" diameter.	14.0	
					15	CL ML		LEAN CLAY WITH SAND: brown; 40% clay, soft, low plasticity; 40% silt; 20% sand; trace gravel; dry.	15.5	
						SM		SILTY SAND: brown; 45% sand, poorly graded, fine, soft to firm; 45% silt, non-plastic; 10% gravel (subangular, subrounded, <= 0.5" diameter) and rock fragments (up to 1" diameter).		
					20				20.0	
						SM		SILTY SAND WITH GRAVEL: brown; 40% sand, poorly graded, fine, soft to firm; 40% silt, non-plastic; 20% gravel and rock; Brown sand lense (poorly graded, fine) between 22 and 22.5'; dry.		
									23.0	
						ML		SILT WITH SAND: brown; 70% silt, soft, low plasticity, 20% sand, 10% clay; dry.		
					25				26.0	
						SP ML		SAND & SILT: brown; 45% silt, non-plastic, firm; 45% 45% sand, poorly graded, fine; 10% rock and gravel; dry.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-3/MIP-1

PROJECT NAME Omega Chemical **DATE DRILLED** 12/19/05

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
1.8		60"/60"	MIP1-B3-29		30	SM		SILTY SAND WITH GRAVEL: brown; 60% sand, poorly graded, fine; 20% silt, 20% rock fragments and gravel; dry.	29.5 30.0	
								NO RECOVERY	31.0	
						SP ML ML		SAND & SILT: brown; 45% sand, poorly graded, fine, firm; 45% silt, non-plastic, 10% gravel and rock fragments. SANDY SILT: brown; 70% silt, soft, low plasticity; 30% sand; dry.	32.0 33.0	
NR		48"/60"	MIP1-B3-33			CL		LEAN CLAY WITH SAND: brown; 50% clay, firm to hard; 30% silt; 20% sand; moist.	35.0	
					35	ML		SILT WITH SAND: brown; 75% silt, firm to hard, medium plasticity; 25% sand; dry.	37.0	
8.3		60"/60"	MIP1-B3-37			ML		SILT WITH SAND: brown; 70% silt, firm, medium plasticity; 20% sand; trace gravel; dry.	38.5	
						CL		CLAY: brown; 70% clay, hard, dense, medium plasticity; 20% silt: 10% sand.	40.0	
					40	ML		SANDY SILT: brown; 60% silt, firm to hard, medium plasticity; 35% sand; 5% gravel; dry.	42.0	
						SM		SILTY SAND: brown; 65% sand, poorly graded, fine; 35% silt; trace rock fragments and gravel; dry.	44.0	
						ML		SANDY SILT: brown; 55% silt, low plasticity, soft to firm; 45% sand.	45.0	
					45	ML		SILT WITH SAND: brown; 70% silt, firm to hard, low plasticity 25% sand; 5% gravel, subangular, subrounded, <=0.5" diameter; dry.		
					50	CL		CLAY: dark brown; 70% clay, firm to hard, high plasticity, dense; 20% silt; 10% sand; dry.	50.0 51.5	
						SM		SILTY SAND WITH GRAVEL: brown; sand, poorly graded, fine, soft to firm; gravel, subangular, subrounded; dry.	52.0	
						CL		CLAY: dark brown; 70% clay, firm to hard, high plasticity, dense; 20% silt; 10% sand; dry.	55.0	
					55	CL		CLAY: brown; 70% clay, medium/high plasticity, soft; 20% silt; 10% sand; dry.	55.5	
						SM		SILTY SAND WITH GRAVEL: brown; 45% sand, soft; 35% silt; 20% gravel (subangular, subrounded, up to 1" diameter rock fragments); dry.	57.0	
7.9		60"/60"	MIP1-B3-57			ML		SANDY SILT: brown; 70% silt, hard, low plasticity; 30% sand; trace gravel.	58.5	
						SP ML		SAND & SILT: brown; 40% sand; 40% silt, soft to firm, low plasticity; 10% clay; 10% gravel.	60.0	
					60	ML		SANDY SILT: brown; 70% silt, hard, low plasticity; 30% sand; dry.	62.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-3/MIP-1

PROJECT NAME Omega Chemical **DATE DRILLED** 12/19/05

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						SM SC		SILTY SAND/CLAYEY SAND: brown; 40% sand, poorly graded, fine, soft; 30% silt; 30% clay.	63.0	
						CL		CLAY: brown; 60% clay, soft to firm, dense, low plasticity; 30% silt; 10% sand.		
					65				65.0	
						CL ML		LEAN CLAY WITH SAND: brown; 50% clay, soft to firm, medium plasticity; 30% silt; 15% sand; 5% gravel; dry.		
									68.5	
16.9		60"/60"	MIP1-B3-69					NO RECOVERY		
					70				70.0	
						CL		CLAY: brown; 70% clay, hard, medium plasticity; 20% silt, 10% sand.		
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-4/MIP-8
PROJECT NAME Omega Chemical **DATE DRILLED** 3/7/06
LOCATION Terra Pave **CASING TYPE/DIAMETER** NA
DRILLING METHOD Direct Push **SCREEN TYPE/SLOT** NA
SAMPLING METHOD Macrocore **GRAVEL PACK TYPE** NA
GROUND SURFACE ELEVATION (FT MSL) NA **GROUT TYPE/QUANTITY** Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA **STATIC WATER LEVEL (FT BELOW TOC)**
LOGGED BY Kelly Klepinger **GROUND WATER ELEVATION (FT MSL)**
REMARKS Boring was sampled for lithology continuously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
1.6/1.6		27				CL		CLAY WITH SAND: dark yellowish brown (10YR3/4); 60% clay, firm, low plastic; 25% silt; 15% sand, fine to medium (mostly fine), subangular to subrounded; dry, no odor.	5.0	No well constructed.
1.6/1.6		30	MIP8-B4-8		5	CL		CLAY WITH SAND: dark yellowish brown (10YR4/4); 50% clay, firm, low plastic; 30% silt; 20% sand, fine to coarse; dry, no odor.	10.0	
1.6/1.6		60			10	CL		CLAY WITH SAND: dark yellowish brown (10YR4/4); 60% clay, 25% silt, 25% sand, fine to coarse, subangular to subrounded; trace gravel, angular to subangular, 0.75" diameter; trace asphalt; dry, slight odor.	13.0	
						CL		CLAY: brown; 70% clay, firm, low plastic; 25% silt; 5% sand, subangular to subrounded; moist, no odor.	15.0	
1.6/1.6		60			15	CL		CLAY: dark yellowish brown (10YR3/4); 60% CLAY, low plastic, stiff; 30% silt, 5% gravel, angular to subangular, 0.5" diameter; 5% sand, fine to coarse; slightly moist, no odor.		
3.2/1.6		60			20	CL			22.0	
						CL		CLAY: dark yellowish brown (10YR3/4); 75% clay, hard, medium plastic; 25% silt; trace sand, fine, subangular to subrounded; slightly moist, no odor.	25.0	
1.6/1.6		60			25	CL		CLAY WITH SAND: dark yellowish brown (10YR 3/4); 50% clay, stiff, low plastic; 30% silt; 20% sand, fine to coarse, angular to subrounded; moist, no odor; lense of increasing sand at approximately 27'.	28.0	
1.6/1.6		60	MIP8-B4-29		30	CL		CLAY: dark yellowish brown (10YR3/4); 65% clay, hard, low plastic; 30% silt; 5% sand, fine to medium; subangular to subrounded; moist, no odor.		
			MIP8-B4-33		35				35.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-4/MIP-8

PROJECT NAME Omega Chemical **DATE DRILLED** 3/7/06

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
4.8/ 1.6		46				CL		CLAY: dark brown (10YR3/3); 65% clay, hard, low plastic; 30% silt; 5% sand, fine, subangular to subrounded; trace medium sand, subangular to subrounded; moist, no odor.		
					40				40.0	
3.2/ 1.6		60	MIP8-B4-40			ML		SILT: dark yellowish brown (10YR4/4); 80% silt, soft; 10% clay; 10% sand, fine, subangular to subrounded; moist, no odor; sand lense from 43 to 43.5', fine.		
									43.5	
						CL		CLAY: dark yellowish brown (10YR3/4); 75% clay, hard, low plastic; 25% silt; trace sand, fine to medium, subangular to subrounded; trace mica, moist, no odor.	45.0	
6.4/ 1.6		60			45	ML		SILT: dark yellowish brown (10YR4/4); 80% silt, soft; 10% clay; 10% sand, fine, subangular to subrounded; moist, no odor.		
									48.0	
						CL		CLAY: dark yellowish brown (10YR3/4); 75% clay, hard, low plastic; 25% silt; trace sand, fine to medium, subangular to subrounded; trace mica, moist, no odor.	50.0	
9.6/ 1.6		48			50	CL		CLAY: dark yellowish brown (10YR 3/6); 50% clay, hard, low plastic; 30% silt; 10% siltstone interbedded within the clay (fractured from drilling); 10% sand, fine to medium; slightly moist, no odor.		
									54.0	
					55	CL		CLAY WITH SAND: dark yellowish brown (10YR3/4); 45% clay, stiff, low plastic; 30% silt; 25% sand, fine to medium, subangular to subrounded; trace mica, moist, no odor.		
8.0/ 1.6		16	MIP8-B4-56						57.0	
								Total Depth = 57 feet below ground surface (bgs). Boring backfilled with hydrated bentonite chips. No groundwater encountered.		
					60					
					65					
					70					
					75					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-5/MIP-22
PROJECT NAME Omega Chemical **DATE DRILLED** 3/7/06
LOCATION Bishop Company **CASING TYPE/DIAMETER** NA
DRILLING METHOD Direct Push **SCREEN TYPE/SLOT** NA
SAMPLING METHOD Macrocore **GRAVEL PACK TYPE** NA
GROUND SURFACE ELEVATION (FT MSL) NA **GROUT TYPE/QUANTITY** Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA **STATIC WATER LEVEL (FT BELOW TOC)**
LOGGED BY Scott Sanderson **GROUND WATER ELEVATION (FT MSL)**
REMARKS Boring was sampled for lithology continuously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	DEPTH (ft. bgs)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
0		30		0	CL	CLAY WITH SAND: yellowish brown (10YR5/4); 60% clay, firm, non-plastic; 25% silt, 15% sand, poorly graded, fine, subangular, subrounded; dry, no odor.	
				5			5.0
0		48			CL	CLAY WITH SAND: yellowish brown (10YR5/4); 50% clay, firm, non-plastic; 25% sand, poorly graded, fine, subangular, subrounded; 15% silt; dry, no odor; 3" rock layer (greater than 0.5" diameter) at approximately 6'.	
				10			10.0
0		50			CL	CLAY WITH SAND: dark yellowish brown (10YR4/4); 40% clay, firm, non-plastic; 25% sand, fine, poorly graded, subangular, subrounded; 25% gravel and rock; 10% silt; dry, no odor.	11.0
					SM	SILTY SAND: dark brown (7.5YR3/3); 60% sand, fine, poorly graded, subangular, subrounded; 30% silt; 10% clay, soft, non-plastic; dry, no odor.	
				15			15.0
0		60			SM	SILTY SAND: dark brown (7.5YR3/3); 50% sand, fine, poorly graded, subangular, subrounded; 40% silt; 10% gravel; dry, no odor.	15.5
					CL	CLAY: dark brown (7.5YR3/3); 60% clay, hard, low plastic; 35% silt, 5% gravel, angular, subangular, less than 0.5" diameter; dry, no odor.	
0		60		20	CL	CLAY WITH SAND: dark yellowish brown (10YR3/4); 60% clay, hard, low plastic; 15% sand, fine, poorly graded; 15% silt; 10% gravel, angular, subangular, up to 0.5" diameter; dry, no odor.	20.0
					CL		24.0
		60		25	SM	CLAY: dark brown (10YR3/3); 70% clay, firm, low plastic; 20% silt; 10% sand, fine, poorly graded; trace gravel; dry, no odor.	25.0
						SILTY SAND: dark brown (10YR3/3); 60% sand, fine, poorly graded; 30% silt; 10% clay, soft, non-plastic; dry, no odor.	
1.6/3.2			MIP22-B5-26				28.5
				30	CL	CLAY: dark brown (10YR3/3); 60% clay, hard, medium plastic; 30% silt; 10% sand, fine, poorly graded; trace gravel.	
4.8/3.2		60					31.0
					SC	CLAYEY SAND WITH GRAVEL: dark yellowish brown (10YR3/4); 30% sand, fine, poorly graded, subangular, subrounded; 30% clay, hard, low plastic; 20% gravel and rock, subangular, subrounded, greater than 0.5" diameter; 20% silt; dry, no odor.	32.0
4.8/3.2					CL	CLAY: dark brown (10YR3/3); 60% clay, hard, medium	
				35			35.0

WELL DIAGRAM: No well was constructed.

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NEWGINT OMEGA.GPJ NEWGINT.GDT 8/24/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-5/MIP-22

PROJECT NAME Omega Chemical **DATE DRILLED** 3/7/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
4.8/ 3.2			MIP22-B5-36			CL		plastic; 30% silt; 10% sand, fine, poorly graded; trace gravel.		
								CLAY: dark yellowish brown (10YR3/4); 60% clay, hard, medium plastic; 30% silt; 10% sand, fine, poorly graded; trace rock and gravel, subangular, subrounded, greater than 0.5" diameter rock fragments.	38.0	
								Total Depth = 38 feet below ground surface (bgs). Boring backfilled with hydrated bentonite chips. Groundwater was not encountered.		

40 45 50 55 60 65 70 75

NEWGINT OMEGA.GPJ NEWGINT.GDT 8/24/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-6/VP-21
PROJECT NAME Omega Chemical **DATE DRILLED** 3/8/06
LOCATION Rippy Property **CASING TYPE/DIAMETER** NA
DRILLING METHOD Direct Push **SCREEN TYPE/SLOT** NA
SAMPLING METHOD Macrocore **GRAVEL PACK TYPE** NA
GROUND SURFACE ELEVATION (FT MSL) NA **GROUT TYPE/QUANTITY** Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA **STATIC WATER LEVEL (FT BELOW TOC)**
LOGGED BY Kelly Klepinger **GROUND WATER ELEVATION (FT MSL)**
REMARKS Boring was sampled for lithology continuously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SILT: dark brown (10YR3/3); 80% silt, crumbly; 10% clay, low plastic; 10% sand, fine, subangular to subrounded, some organic material; trace gravel, diameter up to 0.5", angular to subangular; dry, no odor.		
1.0/1.0		39			5				5.0	
						CL		CLAY: dark yellowish brown (10YR4/4); 60% clay, firm, low plastic; 30% silt; 10% sand, fine to medium, subangular to subrounded; trace coarse sand, angular to subangular; trace mica, slightly moist, no odor.	
1.0/1.0		42								
					10				10.0	
1.0/1.0		60				CL		CLAY: dark yellowish brown (10YR3/4); 60% clay, firm, low plastic; 30% silt; 10% sand, fine to coars, mostly fine, subangular to subrounded; trace mica; slightly moist, no odor; 6" sand and gravel lense at 11', medium to coarse, gravel up to 1.0" diameter.		
					15				15.0	
1.0/1.0		60				CL		CLAY: dark yellowish brown (10YR3/4); 70% clay, stiff, low plastic; 25% silt; 5% sand, fine to medium, subangular to subrounded; trace mica; moist, no odor.		
					20				20.0	
3.2/1.0		60	VP21-B6-20			CL		CLAY: dark yellowish brown (10YR3/4); 80% clay, stiff, low plastic; 15% silt; 5% sand, fine to medium, subangular to subrounded, mostly fine; trace mica; moist, no odor.		
					25				25.0	
3.2/1.0		60				CL		CLAY: dark yellowish brown (10YR3/4); 80% clay, stiff, low plastic; 15% silt; 5% sand, fine to medium, subangular to subrounded, mostly fine; trace coarse sand, angular to subrounded; trace mica; moist, no odor.		
			VP21-B6-29		30				30.0	
3.2/1.0		60				CL		CLAY: dark yellowish brown (10YR 3/4); 75% clay, hard, low plastic; 20% silt; 5% sand, fine to medium, mostly fine, subangular to subrounded; trace mica; moist, no odor.		
					35				35.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-6/VP-21

PROJECT NAME Omega Chemical **DATE DRILLED** 3/8/06

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
7.5/ 1.0		60	VP21-B6-35		40	CL		CLAY: dark brown (10YR 3/3); 80% clay, hard, low plastic; 15% silt; 5% sand, fine to medium, mostly fine, subangular to subrounded; trace coarse sand, angular to subrounded; trace mica; moist, no odor.	40.0	
13.9/ 1.0		60				CL		CLAY: dark brown (10YR 3/3); 80% clay, hard, low plastic; 15% silt; 5% sand, fine to medium, mostly fine, subangular to subrounded; trace coarse sand, angular to subrounded; trace mica; moist, no odor.	42.0	
						SC		CLAYEY SAND: dark yellowish brown (10YR4/4); 80% sand, fine, subangular to subrounded; 20% clay; trace mica; moist, no odor.	43.0	
			VP21-B6-43			CL		CLAY: dark brown (10YR 3/3); 80% clay, hard, low plastic; 15% silt; 5% sand, fine to medium, mostly fine, subangular to subrounded; trace coarse sand, angular to subrounded; trace mica; moist, no odor.	45.0	
11/ 1.0		60			45	CL		CLAY: brown (10YR4/3); 70% clay, stiff, low plasticity, crumbly; 25% silt; 5% sand, fine, subangular to subrounded; trace medium sand, subangular to subrounded; trace mica; slightly moist, no odor.		
			VP21-B6-48		50			Total Depth = 50 feet below ground surface (bgs). Boring used for soil gas testing. No groundwater encountered.	50.0	
					55					
					60					
					65					
					70					
					75					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-7/MIP-21
PROJECT NAME Omega Chemical **DATE DRILLED** 3/9/06
LOCATION Dick Madsen Roofing Company **CASING TYPE/DIAMETER** NA
DRILLING METHOD Direct Push **SCREEN TYPE/SLOT** NA
SAMPLING METHOD Macrocore **GRAVEL PACK TYPE** NA
GROUND SURFACE ELEVATION (FT MSL) NA **GROUT TYPE/QUANTITY** Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA **STATIC WATER LEVEL (FT BELOW TOC)**
LOGGED BY Scott Sanderson **GROUND WATER ELEVATION (FT MSL)**
REMARKS Boring was sampled for lithology continuously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0		36				CL		CLAY: black (10YR2/1); 70% clay, soft, low plastic; 20% silt; 10% sand, fine, poorly graded, angular, subangular; trace gravel and rock fragments; dry, no odor.	4.0	No well was constructed.
						CL		CLAY: dark yellowish brown (10YR4/4); 70% clay, soft, low plastic; 20% silt; 10% sand, fine, poorly graded, angular, subangular; trace gravel and rock fragments; dry, no odor.	5.0	
0		48			5	CL		CLAY: dark yellowish brown (10YR4/4); 60% clay, soft, low plastic; 20% silt; 20% sand, fine, poorly graded, angular, subangular; trace gravel, dry, no odor.	10.0	
0		39			10	SM		SILTY SAND: dark yellowish brown (10YR4/6); 70% sand, fine, poorly graded, angular, subangular; 20% silt; 10% sandstone rock fragments, greater than 1" diameter; dry, no odor.	14.0	
						CL		CLAY: dark yellowish brown (10YR3/4); 70% clay, firm, low plastic; 20% silt; 10% sand, fine, poorly graded, angular, subangular; dry, no odor.	15.0	
0		60			15	CL		CLAY WITH SAND: dark yellowish brown (10YR4/4); 60% clay, very stiff, low plastic; 20% silt; 20% sand, fine, poorly graded, angular, subangular; trace gravel; dry, no odor.	20.0	
0		60			20	CL		CLAY: dark yellowish brown (10YR4/4); 60% clay, soft, low plastic; 20% silt; 10% sand, fine, poorly graded, angular, subangular; 10% gravel, angular, subangular, greater than or equal to 0.5" diameter; dry, no odor.	25.0	
0		60			25	CL		CLAY: dark yellowish brown (10YR4/4); 70% clay, very stiff, medium plastic; 20% silt; 10% sand, fine, poorly graded, angular, subangular; trace gravel, greater than or equal to 0.5" diameter; dry, no odor; sand lense with gravel, fine, poorly graded, angular, subangular at 25.5'.	30.0	
0			MIP21-B7-29		30			CLAY: dark yellowish brown (10YR3/6); 80% clay, hard, low plastic; 20% silt; dry, no odor.	35.0	
0		35			35	CL				

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-7/MIP-21

PROJECT NAME Omega Chemical **DATE DRILLED** 3/9/06

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0		60	MIP21-B7-35		40	CL		CLAY: dark yellowish brown (10YR3/4); 80% clay, hard, low plastic; 20% silt; dry, no odor.	40.0	
3.5		60				CL		CLAY WITH SAND: dark yellowish brown (10YR3/4); 60% clay, stiff, medium plasticity; 20% silt; 20% sand, fine, poorly graded, angular, subangular; trace gravel, greater than or equal to 0.5" diameter; dry, no odor.		
3.5			MIP21-B7-44		45				45.0	
8.8		60				CL		CLAY: dark brown (10YR3/3); 70% clay, hard, low plasticity; 20% silt; 10% sand, fine, poorly graded, angular, subangular; dry, no odor.		
5.2		60			50				51.5	
						SC		CLAYEY SAND: dark yellowish brown (10YR4/4); 50% sand, fine, poorly graded, subangular, angular; 40% clay, soft, low plasticity; 10% silt, dry, no odor.	55.0	
5.2			MIP21-B7-55		55	SP		SAND: pale yellow (2.5Y8/2); 100% sand, fine, poorly graded, angular, subangular; trace gravel, less than 0.5" diameter; dry, no odor.		
					60			Total Depth = 60 feet below ground surface (bgs). Boring backfilled with hydrated bentonite chips. No groundwater encountered.	60.0	
					65					
					70					
					75					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD
BORING/WELL NUMBER GP-1
PROJECT NAME Omega Chemical
DATE DRILLED 10/27/03
LOCATION 12504 East Whittier Blvd., Whittier CA
CASING TYPE/DIAMETER NA
DRILLING METHOD Direct Push
SCREEN TYPE/SLOT NA
SAMPLING METHOD Macrocore
GRAVEL PACK TYPE NA
GROUND SURFACE ELEVATION (FT MSL) NA
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA
STATIC WATER LEVEL (FT BELOW TOC) 77.00
LOGGED BY R. Douglas
GROUND WATER ELEVATION (FT MSL)
REMARKS Boring was sampled for lithology continuously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								Concrete thickness is 6 inches.	0.5	
						CL		SILTY CLAY: very dark grayish brown (10 YR 3/2); 95% silt - clay; 5% gravel, coarse grained, subangular to subrounded, max diameter is 0.75 inches; low plasticity, soft, dry to moist, no odor.		No well was constructed.
					5					
									8.0	
						SP		SAND WITH GRAVEL: yellowish brown (10 YR 5/4); 80% sand, fine to medium grained, subangular to angular; 20% gravel, coarse grained, subangular to angular, maximum diameter is 1 inch; dry, no odor.	9.0	
1.4/0.7		48			10			SILTY CLAY: very dark grayish brown (10 YR 3/2); 95% silt - clay; 5% gravel, coarse grained, subangular to subrounded; low plasticity, soft, dry to moist, no odor. UV = Numerous grains and streaks - short wave.		
2.1/0.7		48			15	CL		UV = Numerous grains - short wave. SILTY CLAY: brown (10 YR 4/3); 95% silt - clay; 5% gravel, coarse grained, subangular to subrounded; low plasticity, soft, moist, no odor. *SILT WITH CLAY: 55.13% Silt; 20.99% Sand, fine (19.07%) to medium (1.92%) grained; 23.88% Clay.*		
1.4/0.7		60			20			UV = Isolated streaks and grains - short wave.	21.0	
						SP		SAND WITH GRAVEL: yellowish brown (10 YR 5/4); 80% sand, fine to medium grained, subangular to angular; 20% gravel, coarse grained, subangular to angular; dry, no odor.	21.5	
						CL		SILTY CLAY: brown (10 YR 4/3); 100% silt - clay; trace of gravel, coarse grained, subangular to subrounded; low plasticity, soft, moist, no odor.		
1.4/0.7		60			25			UV = Isolated streak - short wave.	26.0	
						CL		CLAY WITH GRAVEL: brown (10 YR 4/3); 85% clay, 15% gravel, maximum diameter is 1 inch.	26.5	
						CL		SILTY CLAY: brown (10 YR 4/3); 95% silt - clay; 5% gravel, coarse grained, subangular to subrounded; low plasticity, soft, moist, no odor.		
1.4/0.7		60			30			UV = Isolated grains - short wave only.	31.0	
						SP		SAND WITH GRAVEL: yellowish brown (10 YR 5/4); 80% sand, fine to medium grained, subangular to angular; 20% gravel, coarse grained, subangular to angular; dry, no odor.	31.5	
						CL			33.0	
						SP			33.5	
						CL		SILTY CLAY: brown (10 YR 4/3); 95% silt - clay; 5% gravel, coarse grained, subangular to subrounded; low	34.0	
						SP			34.5	
					35					

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NEWGINT OMEGA.GPJ NEWGINT.GDT 11/30/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-1

PROJECT NAME Omega Chemical **DATE DRILLED** 10/27/03

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
1.4/0.7		60				CL		plasticity, soft, moist, no odor. SAND WITH GRAVEL: yellowish brown (10 YR 5/4); 80% sand, fine to medium grained, subangular to angular; 20% gravel, coarse grained, subangular to angular; dry, no odor. SILTY CLAY: brown (10 YR 4/3); 95% silt - clay; 5% gravel, coarse grained, subangular to subrounded; low plasticity, soft, moist, no odor.		
1.4/0.7		60			40	SP CL		SAND WITH GRAVEL: yellowish brown (10 YR 5/4); 80% sand, fine to medium grained, subangular to angular; 20% gravel, coarse grained, subangular to angular; dry, no odor.	41.0 42.0 43.0	
1.4/0.7		60			45	ML		CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, no odor. UV = Isolated grains - short wave only. *SAND: 86.76% Sand, fine (34.98%) to medium (51.78%) grained; 9.89% Silt; 21.66% Clay.* UV = Streaks with long and short wave.		
								SAND: yellowish brown (10 YR 5/4); 100% sand, fine to medium grained, poorly graded; dry to moist, no odor.	47.0	
2.9/0.7		60			50	CL		CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, no odor. SILT: brown (10 YR 4/3); 100% silt, soft; trace sand, fine grained; moist, no odor. UV = Few grains - short wave. CLAY: brown (10 YR 4/3); 100% clay; stiff, low to moderate plasticity, moist, no odor. UV = Few grains - short wave.		
2.9/0.7		36			55	ML		CLAY: brown (10 YR 4/3); 100% clay; very stiff, moist, no odor. UV = Nothing observed. *SILT WITH CLAY: 59.23% Silt; 10.34% Sand, fine grained; 30.43% Clay.*	56.0 56.5	
5.1/0.7		60			60	CL		SILT WITH GRAVEL: brown (10 YR 4/3); 80% silt, soft; 20% gravel, coarse grained; moist, no odor. CLAY WITH SILT: brown (10 YR 4/3); 80% clay; 20% silt; stiff, moist, no odor. UV = Few grains - short wave.		
						ML		SILT WITH SAND: yellowish brown (10 Y 5/4); 70% silt, soft; 30% sand, fine grained; no odor.	61.0 62.0	
5.1/0.7		60			65	CL		CLAY WITH SILT: brown (10 YR 4/3); yellowish brown mottling (10YR7/6); 80% clay; 20% silt; stiff, moist, no odor. UV = Grains and streaks - short wave. CLAY WITH SILT: brown (10 YR 4/3) with yellowish brown mottling (10 YR 7/6); 80% clay; 20% silt; stiff, moist, PCE odors.		
14.5/0.7		60			70			UV = Streaks and specks - short wave. *SILT WITH CLAY: 58.69% Silt; 15.31% Sand, fine (15.27%) to medium (0.04%) grained; 26.00% Clay.* CLAY WITH SILT: brown (10 YR 4/3) with yellowish brown mottling (10 YR 7/6); 80% clay; 20% silt; stiff, moist, mild chlorinated odor.		
					75					

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NEWGINT OMEGA.GPJ NEWGINT.GDT 11/30/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-1

PROJECT NAME Omega Chemical **DATE DRILLED** 10/27/03

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
29.1/0.7		60						UV = Streaks and grains - short wave.		
						ML		SILT WITH GRAVEL: brown (10 Y 4/3); 60% silt, soft; 25% gravel, coarse grained, subangular; 15% sand, fine grained; wet, mild odor.	77.0	▼
									78.5	
2.9/0.7		48			80	CL		CLAY WITH SILT: brown (10 YR 4/3) with yellowish brown mottling (10 YR 7/6); 80% clay; 20% silt; very stiff, moist, mild chlorinated odor. UV = small grains - short wave. *SILT WITH CLAY: 48.44% Silt; 24.95% Sand, fine (21.70%) to medium (3.25%) grained; 26.62% Clay.*		
2.9/2.9		60			85			UV = Small grains - short wave.	85.0	
								Total depth is 85 feet below ground surface (bgs). Groundwater was encountered at 77 feet bgs.		
					90					
					95					
					100					
					105					
					110					
					115					

NEWGINT OMEGA.GPJ NEWGINT.GDT 11/30/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD
PROJECT NAME Omega Chemical
LOCATION 12504 East Whittier Blvd., Whittier CA
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY R. Douglas
REMARKS Boring was sampled for lithology continuously in 5-foot sections.

BORING/WELL NUMBER GP-2
DATE DRILLED 10/27/03
CASING TYPE/DIAMETER NA
SCREEN TYPE/SLOT NA
GRAVEL PACK TYPE NA
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) 78.50
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								Concrete thickness is 6 inches.	0.5	No well was constructed.
						ML		CLAYEY SILT: very dark grayish brown (10 YR 3/2); 100% clayey silt; low plasticity, slightly cohesive, dry to moist, no odor.		
					5					
								CLAYEY SILT: dark yellowish brown (10 YR 4/4); 100% clayey silt; slightly plastic, slightly cohesive, dry to moist, no odor.	8.0	
								White Rock	8.5	
						SM		SILTY SAND WITH GRAVEL: yellowish brown (10 YR 5/4); 60% sand, fine grained; 20% silt; 20% gravel, white fragments, maximum diameter to 1 inch.	9.0	
5.8/0.7		48			10					
						ML		CLAYEY SILT: dark yellowish brown (10 YR 4/4); 100% clayey silt; low to no plasticity, slightly cohesive, dry to moist, no odor. UV = Numerous grains - short wave.		
5.0/0.7		54			15			UV = Numerous grains - short wave. *SILT WITH CLAY: 52.53% Silt; 27.25% Sand, fine (23.54%) to medium (3.71%) grained; 20.22% Clay.*	16.0	
						CL		CLAY WITH SILT: brown (10 YR 4/3); 75% clay; 25% silt; moderate plasticity, lamination, moist, no odor.		
2.9/0.7		60			20			UV = Isolated grains - short wave.		
									21.0	
						ML		SILT WITH CLAY: dark brown (10 YR 3/3); 60% silt; 30% clay; 10% sand, fine to coarse grained; trace gravel; dry to moist, no odor.		
									24.0	
5.8/2.0		60			25			CLAY WITH SILT: brown (10 YR 4/3); 75% clay; 25% silt; moderate plasticity, lamination, damp, no odor. UV = Isolated grains - short wave.		
						CL				
8.7/2.9		60			30			UV = Isolated grains - short wave.		
									31.5	
						CL		CLAY WITH SAND AND GRAVEL: brown (10 YR 4/3); 60% clay; 20% sand, coarse grained; 20% gravel, maximum diameter is 1.5 inches; moist.	32.0	
						ML			33.0	
					35			SILT WITH CLAY: brown (10 YR 4/3); 65% silt; 25% clay; 10% sand, fine grained; moderate plasticity, moist to wet,		

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NEWGINT OMEGA.GPJ NEWGINT.GDT 11/30/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-2

PROJECT NAME Omega Chemical **DATE DRILLED** 10/27/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
5.8/0.0		60				CL		no odor. CLAY WITH SILT: brown (10 YR 3/3); 75% clay; 25% silt; moderate plasticity, lamination, moist, slight odor. UV = Isolated specks - short wave. *SILT WITH CLAY: 55.23% Silt; 21.46% Sand, fine (18.47%) to medium (2.99%) grained; 23.31% Clay.* CLAY WITH SILT: brown (10 YR 3/3); 75% clay; 25% silt; moderate plasticity, lamination, moist, no odor. UV = Few grains - short wave.		
5.8/0.0		60			40				41.5	
						CL		GRAVELLY CLAY: brown (10 YR 4/3); 70% clay; 30% gravel, subangular to angular, diameter to 1 inch, fragmented; moist, no odor.	42.0	
						ML		SILT WITH CLAY: brown (10 YR 4/3); 50% silt; 40% clay; 10% sand, fine grained; moderate plasticity, moist, no odor. UV = Numerous streaks and specks - short and long wave.		
8.7/2.9		60			45				45.0	
								CLAY WITH SILT: brown (10 YR 3/3); 75% clay; 25% silt; moderate plasticity, lamination, moist, no odor. *SILT WITH CLAY: 54.92% Silt; 23.03% Sand, fine (22.05%) to medium (0.98%) grained; 22.05% Clay.*		
14.5/ 0.0		60			50			UV = Streaks and grains - short wave.		
5.8/0.0					55			UV= Streaks - short wave. CLAY WITH SILT: brown (10 YR 3/3); 75% clay; 25% silt; moderate plasticity, lamination, moist, slight odor.		
2.9/0.0					60			UV = Isolated grains - short wave. *SILT WITH CLAY: 50.28% Silt; 28.06% Sand, fine (25.13%) to medium (2.93%) grained; 21.66% Clay.*		
						CL		CLAY WITH SILT: brown (10 YR 3/3); 75% clay; 25% silt; moderate plasticity, lamination, moist, no odor.		
66.1/ 0.0		60			65			UV = Isolated grains - short wave. CLAY WITH SILT: brown (10 YR 3/3); 75% clay; 25% silt; moderate plasticity, lamination, moist, slight odor.		
30.6/ 0.0		60			70			UV = Isolated grains - short wave. CLAY WITH SILT: brown (10 YR 3/3); 70% clay; 20% silt; 10% sand, fine grained; moderate plasticity, lamination, moist, no odor. CLAY WITH SILT: brown (10 YR 3/3); 85% clay; 15% silt; trace of gravel; very stiff, moderate plasticity, lamination, moist, moderate chlorinated hydrocarbon odor.		
					75					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-2

PROJECT NAME Omega Chemical **DATE DRILLED** 10/27/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0.0/0.0		36						UV = Isolated grains and streaks - short wave.		
10.2/ 0.0								CLAY WITH SILT: brown (10 YR 3/3); 85% clay; 15% silt; trace of gravel; very stiff, moderate plasticity, lamination, moist, strong chlorinated hydrocarbon odor.	78.5	▼
0.0/0.0						CL		UV = Abundant specks and streaks - short wave.	79.5	
0.0/0.0		60			80			CLAY WITH SAND: brown (10 YR 4/3); 70% clay; 20% sand, very fine to coarse grained, subrounded to subangular, poorly graded; 10% silt; trace gravel, fine grained; wet, slight odor.		
						CL		CLAY WITH SILT: brown (10 YR 3/3); 85% clay; 15% silt; trace of gravel; very stiff, moderate plasticity, lamination, moist, slight odor, wet. UV = Isolated grains - short wave.		
0.0/0.0		60			85			UV = Grains - short wave.	85.0	
								SILT WITH CLAY: 56.43% Silt; 24.37% Sand, fine (24.15%) to medium (0.22%) grained; 19.21% Clay. Total depth is 85 feet below ground surface (bgs). Groundwater was encountered at 78.5 feet bgs.		
					90					
					95					
					100					
					105					
					110					
					115					

NEWGINT OMEGA.GPJ NEWGINT.GDT 11/30/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD
PROJECT NAME Omega Chemical
LOCATION 12504 East Whittier Blvd., Whittier CA
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY R. Douglas
REMARKS

BORING/WELL NUMBER GP-3
DATE DRILLED 10/28/03
CASING TYPE/DIAMETER NA
SCREEN TYPE/SLOT NA
GRAVEL PACK TYPE NA
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NA
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								Concrete is 10 inches thick.	0.8	
		36				GP		GRAVEL: light grayish green (10 Y 8/1); 90% gravel, medium to coarse grained, angular, poorly graded; 10% silt in matrix; dry.		
		0			5				7.0	No well was constructed.
								CLAY: brown (10 YR 4/3); 100% clay; moderate plasticity, soft, moist, slight odor.		
10.2		42			10	CL		CLAY: brown (10 YR 4/3); 100% clay; moderate plasticity, medium stiffness, moist, moderate odor.		
5.1		60			15				17.0	
		0				GP		GRAVEL: light grayish green (10 Y 8/1); 90% gravel, medium to coarse grained, angular, poorly graded; 10% silt in matrix; dry.	18.0	
						CL		CLAY: brown (10 YR 4/3); 100% clay; moderate plasticity, medium stiffness, moist, moderate odor.	18.5	
						GP		GRAVEL: light grayish green (10 Y 8/1); 90% gravel, medium to coarse grained, angular, poorly graded; 10% silt in matrix; dry.	20.0	
					20					

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NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-3

PROJECT NAME Omega Chemical **DATE DRILLED** 10/28/03

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
		36			25	CL		CLAY: brown (10 YR 4/3); 100% clay; moderate plasticity, medium stiffness, moist, moderate odor.		
					30					
					35				35.0	
								Total Depth is 35 feet below ground surface. Groundwater was not encountered.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD
BORING/WELL NUMBER GP-3A
PROJECT NAME Omega Chemical
DATE DRILLED 10/28/03
LOCATION 12504 East Whittier Blvd., Whittier CA
CASING TYPE/DIAMETER NA
DRILLING METHOD Direct Push
SCREEN TYPE/SLOT NA
SAMPLING METHOD Macrocore
GRAVEL PACK TYPE NA
GROUND SURFACE ELEVATION (FT MSL) NA
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA
STATIC WATER LEVEL (FT BELOW TOC) 83.00
LOGGED BY R. Douglas
GROUND WATER ELEVATION (FT MSL)
REMARKS Boring was sampled for lithology continuously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								Concrete thickness is 6 inches.	0.5	
								CLAY: brown (10 YR 4/3); 100% clay; soft, moist, no odor.		
						CL				
					5			CLAY: brown (10 YR 4/3); 100% clay; soft, moist, slight odor.		No well was constructed.
								CLAY: brown (10 YR 4/3); 100% clay; soft, moist, no odor.	8.0	
						CL		CLAY AND GRAVEL: brown (10 YR 4/3); 60% clay; 40% gravel, angular, maximum diameter is 1 inch; soft, moist, no odor.	8.5	
20.4/ 0.0		48			10			CLAY: brown (10 YR 4/3); 100% clay; soft, moist, no odor.		
								UV = Abundant streaks and grains - short wave, some grains - long wave.		
10.2/ 0.0		48			15			UV = Isolated grains - short wave.		
								SILT WITH CLAY: 53.24% Silt; 24.02% Sand, fine (22.17%) to medium (1.85%) grained; 22.73% Clay.		
								CLAY: brown (10 YR 4/3); 100% clay; medium stiff, moist, slight odor.		
15.3/ 0.0		60			20	CL		UV = Isolated grains - short wave.		
10.2/ 0.0		60			25			UV = Isolated grains - short wave.		
10.2/ 0.0		60			30			UV = No grains or streaks observed.		
								SILT WITH CLAY: 58.66% Silt; 19.49% Sand, fine (19.03%) to medium (0.46%) grained; 21.84% Clay.	30.5	
						ML		SILT: brown (10 YR 4/3); 80% silt; 10% clay; 10% sand, very fine grained; very soft, moist to wet, no odor.	32.0	
10.2/ 0.0								CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, no odor.		
					35					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-3A

PROJECT NAME Omega Chemical **DATE DRILLED** 10/28/03

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
10.2/ 0.0		60				CL		UV = No grains or streaks observed. CLAY: brown (10 YR 4/3); 100% clay, stiff, moist, slight odor.		
25.5/ 0.0		60			40			UV = Isolated grains - short wave.		
10.2/ 0.0						ML		SILT: brown (10 YR 4/3); 80% silt; 10% clay; 10% sand, very fine grained; very soft, moist to wet, slight odor.	42.0 43.0	
						CL		CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, no odor.	44.0	
40.8/ 0.0		60			45	ML		SILT: brown (10 YR 4/3); 80% silt; 10% clay; 10% sand, very fine grained; very soft, moist to wet, moderate odor. UV = Isolated grains - short wave.	45.0	
						CL		CLAY: brown (10 YR 4/3); 100% clay; very stiff, moist, moderate odor.		
10.2/ 0.0		54			50			UV = Isolated grains.		
15.3/ 0.0		60			55			UV = Isolated grains and streaks.		
30.6/ 0.0						ML		SILT: brown (10 YR 4/3); 80% silt; 10% clay; 10% sand, very fine grained; very soft, moist, slight to moderate odor.	57.0 58.0	
						CL		*SILT WITH CLAY: 50.64% Silt; 27.80% Sand, fine (21.84%) to medium (5.96%) grained; 21.56% Clay.*		
10.2/ 0.0		60			60			CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, moderate odor.		
						ML		UV = Abundant grains and streaks - short wave.	61.0	
								SILT: brown (10 YR 4/3); 80% silt; 10% clay; 10% sand, very fine grained; very soft, moist, moderate odor.	62.0	
35.7/ 0.0						CL		CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, moderate odor.	64.0	
51/ 0.0		60			65			SILT WITH CLAY: brown (10 YR 4/3); 70% silt; 30% clay; soft, moist to wet, moderate to strong odor. UV = Abundant grains and streaks - short wave.		
						ML				
35.7/ 0.0								SILT WITH CLAY: brown (10 YR 4/3); 70% silt; 30% clay; soft, moist to wet, strong odor.		
20.4/ 0.0		36			70			SILT WITH CLAY: brown (10 YR 4/3); 70% silt; 25% clay; 5% sand, fine grained; soft, moist to wet, moderate to strong odor. UV = Some grains and streaks - short wave.	70.0	
						CL		CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, moderate odor. *SILT WITH CLAY: 52.95% Silt; 23.25% Sand, fine (21.47%) to medium (1.78%) grained; 23.81% Clay.*		
					75			CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, very		

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NEWGINT OMEGA.GPJ NEWGINT.GDT 11/30/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-3A

PROJECT NAME Omega Chemical **DATE DRILLED** 10/28/03

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
10.2/ 0.0		36						strong odor. UV = Abundant specks and streaks. CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, moderate odor.		
10.2/ 0.0						CL		CLAY WITH SAND: brown (10 YR 4/3); 60% clay; 30% sand, fine grained; 10% silt; moist.	78.0	
						CL		CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, moderate odor.	79.0	
5.0/ 0.0		36			80	ML		UV = Abundant streaks - short wave.	80.0	
401/ 0.0						CL		SILT WITH CLAY: brown (10 YR 4/3); 70% silt; 30% clay; soft, moist to wet, moderate to strong odor.	81.0	
						CL		CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, very strong odor.	83.0	▼
15.3/ 0.0						CL		CLAY WITH SAND: brown (10 YR 4/3); 60% clay; 20% sand, fine grained, subrounded to round; 10% gravel, fine grained, subrounded to rounded, maximum diameter is 0.5 inches; 10% silt; moist.	84.0	
5.1/ 0.0					85			CLAY: brown (10 YR 4/3); 100% clay; stiff, moist, moderate odor. *SILT WITH CLAY: 55.90% Silt; 21.44% Sand, fine (20.94%) to medium (0.50%) grained; 22.65% Clay.* UV = Abundant grains and streaks.	85.0	
					90			Total depth is 85 feet below ground surface (bgs). Groundwater was encountered at 83 feet bgs.		
					95					
					100					
					105					
					110					
					115					

NEWGINT OMEGA.GPJ NEWGINT.GDT 11/30/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD
PROJECT NAME Omega Chemical
LOCATION Omega Chemical (C&I Electric)
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL)
TOP OF CASING ELEVATION (FT MSL)
LOGGED BY Rosalind Douglas & Mike Hoffman
REMARKS Well was sampled for lithology continously in 5-foot sections.

BORING/WELL NUMBER GP-4
DATE DRILLED 1/21/04 - 1/22/04
CASING TYPE/DIAMETER NA
SCREEN TYPE/SLOT NA
GRAVEL PACK TYPE NA
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC)
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		54						ASPHALT is 3 inches thick.	0.3
								CLAY: very dark grayish brown (10YR 3/2); 90% clay; 5% sand, poorly graded, coarse; 5% gravel, poorly graded, fine, angular to subrounded; moist, petroleum odor. Sand and gravel decrease with depth.	
7.1/ 1.6		42			5	CL		Color change to brown (10YR 4/3), no sand or gravel.	
								Color change to dark yellowish brown (10YR 4/4) with white mottling, solvent odor.	
		60			10			5% fine sand.	
						SC			11.0
								CLAYEY SAND: dark yellowish brown (10YR 4/4); 70% sand, poorly graded, fin; 30% clay; moist, solvent odor. Gravel in first 3 inches, fine to coarse, 1.5-inch maximum diameter, subrounded to rounded.	11.5
5.7/ 1.6		60			15	CL		CLAY: dark brown (10YR 3/3); 100% clay, medium plasticity; trace fine sand; trace fine gravel, 1/2-inch diameter; moist, hard, solvent odor.	
									20.0
4.4/ 1.6		48	OC-SB-GP6-2[illegible]-012204		20	GP		GRAVEL: 1.5-inch maximum diameter, subrounded to rounded.	20.2
								No longer any sand or gravel.	
6.4/ 1.6		60			25	CL			
									29.5
						SW		SAND WITH GRAVEL: yellowish brown (10YR 5/4); 80% sand, well graded, fine to coarse; 20% gravel, poorly graded, fine, 1/2-inch maximum diameter, angular to subangular; moist, solvent odor.	29.8
13.9/ 1.6		12			30	CL		CLAY: dark brown (10YR 3/3); 100% clay, medium plasticity, moist, solvent odor.	
					35				35.0

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NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-4

PROJECT NAME Omega Chemical **DATE DRILLED** 1/21/04 - 1/22/04

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
3.0/ 0.6		60	OC-SB-GP6-35-012204					CLAY: dark brown (10YR 3/3); 100% clay, medium plasticity, moist, solvent odor.		
10/ 0.6		18			40	CL				
2.3/		30	OC-SB-GP6-45-012204		45					
									49.0	
						CL		CLAY: dark brown (10YR 3/3); 60% clay, 40% silt; low plasticity; trace sand; moist, solvent odor is getting stronger with depth.	50.0	
2.3/ 0.0		60			50					
5.7/ 0.6		24			55					
19/ 0.6		30			60	CL				
35.6/ 0.6		18	OC-SB-GP6-65-012204		65					
10.2		60			70			Veins of white mineral present.		
					75			Trace fine (1/2-inch maximum), angular gravel from 73.5 to 74 feet bgs.	75.0	

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NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-4

PROJECT NAME Omega Chemical **DATE DRILLED** 1/21/04 - 1/22/04

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
4.3		32						CLAY: dark brown (10YR 3/3); 100% clay, medium plasticity, moist, solvent odor.		
		30			80	CL				
					85			Total depth of borehole is 85 feet bgs.	85.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD
PROJECT NAME Omega Chemical
LOCATION Omega Chemical (C&I Electric)
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL)
TOP OF CASING ELEVATION (FT MSL)
LOGGED BY R. Douglas
REMARKS Well was sampled for lithology continously in 5-foot sections.

BORING/WELL NUMBER GP-5
DATE DRILLED 1/20/04
CASING TYPE/DIAMETER NA
SCREEN TYPE/SLOT NA
GRAVEL PACK TYPE NA
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC)
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		42				ML		ASPHALT is 4 inches thick. SILT WITH SAND (FILL): very dark grayish brown (10YR 2/2) and yellowish brown (10YR 5/4); 70% silt, 15% sand, fine to coarse; 15% gravel and fragments, poorly graded, fine, 1/2-inch maximum diameter, angular; hard, dry.	0.3 2.5
5.0		42			5	ML		SILT: very dark grayish brown (10YR 2/2); 80% silt, 20% clay, nonplastic to low plasticity, dry, hard, slight odor. Color change to dark yellowish brown (10YR 4/4).	
3.7		42			10				12.0
						SM		SILTY SAND: yellowish brown (10YR 5/4); 85% sand, poorly graded, fine; 15% silt; moist, solvent odor.	14.0
						SP		SAND WITH GRAVEL: yellowish brown (10YR 5/4); 80% sand, well graded, fine to coarse; 20% gravel and fragments, fine to coarse, 1-inch maximum diameter, subrounded to rounded; dry, solvent odor.	14.5
9.8		60	OC-SB-GP6-18-012004		15			CLAY: dark brown (10YR 3/3); 100% clay, low to medium plasticity; moist, strong solvent odor.	
9.1		60			20				
7.8		60			25	CL		Some gravel from 27 to 28 ft bgs, fine to coarse, 1-inch maximum diameter, subrounded.	
36		60	OC-SB-GP6-32-012004		30				
					35				35.0

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NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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(949) 752-1307 (FAX)

BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-5

PROJECT NAME Omega Chemical **DATE DRILLED** 1/20/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
22.1/ 0.3		60						CLAY: dark brown (10YR 3/3); 100% clay, low to medium plasticity; moist, strong solvent odor.		
								Color change to dark yellowish brown (10YR 3/4).		
5.7/ 0.3		30			40					
5.0/ 0.3		48			45	CL				
9.8/ 0.3		24	OC-SB-GP6-5-012004		50					
5.7/ 0.6		24			55			Color change to dark yellowish brown (10YR 4/4) with mottling.		
									58.0	
						ML		SILT WITH GRAVEL: dark yellowish brown (10YR 4/4) with mottling; 80% silt; 20% gravel, fine to coarse, 1-inch maximum diameter, subrounded to rounded moist, strong solvent odor.	59.0	
19/ 0.6		30			60	CL		CLAY: strongly mottled, dark yellowish brown (10YR 3/4) and dark grayish brown (2.5Y 4/2); 100% clay, low to medium plasticity; trace coarse sand and fine gravel, rounded; moist, strong solvent odor.		
24.1/ 0.3		24	OC-SB-GP6-6-012004		65					
									68.0	
						SP		SAND: yellowish brown (10YR 5/6); 100% sand, poorly graded, fine, moist, solvent odor.	68.5	
11.8/ 0.3		42	OC-SB-GP6-573-012004 (Dup)		70	CL		CLAY: brown (7.5Y 4/4); 100% clay, low plasticity, moist, solvent odor.		
									73.0	
						ML		SILT WITH SAND: dark yellowish brown (10YR 4/4); 60% silt, 20% sand, fine to medium, trace coarse; 20% gravel, fine to coarse, 1-inch maximum diameter, rounded; moist,	74.0	
					75			*Continued Next Page*		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-5

PROJECT NAME Omega Chemical **DATE DRILLED** 1/20/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
9.8/ 0.3		36						solvent odor.		
						CL		CLAY: brown (10YR 4/3); 100% clay, low plasticity, hard, moist, solvent odor.		
23.4/ 0.3		36			80					
									83.0	▽
						CL		CLAY WITH GRAVEL: brown (10YR 4/3); 70% clay, low to medium plasticity; 20% gravel, poorly graded, fine, 1/2-inch maximum diameter, subrounded to rounded; 10% fine sand; moist, solvent odor.	85.0	
					85			Total depth of borehole is 85 feet bgs.		

NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD
PROJECT NAME Omega Chemical
LOCATION Omega Chemical (C&I Electric)
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL)
TOP OF CASING ELEVATION (FT MSL)
LOGGED BY Mike Hoffman
REMARKS Well was sampled for lithology continously in 5-foot sections.

BORING/WELL NUMBER GP-6
DATE DRILLED 1/22/04
CASING TYPE/DIAMETER NA
SCREEN TYPE/SLOT NA
GRAVEL PACK TYPE NA
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC)
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
1.0		48						ASPHALT is 4 inches thick.	0.3
								SILT: black (10YR 2/1); 100% silt, nonplastic, horizontal partings, moist, hard.	
0.6		60			5			Color change to dark yellowish brown (10YR 4/4).	
						ML			
0.4		60	OC-SB-GP6-15-012204 (Phys)		10				
									15.0
1.2		60			15			CLAY: dark yellowish brown (10YR 4/4); 100% clay, medium plasticity, moist, hard.	
								Color change to dark yellowish brown (10YR 3/4).	
1.1		42	OC-SB-GP6-2[illegible]-012204 (Chem)		20			Color change back to dark yellowish brown (10YR 4/4).	
						CL			
1.2		18	OC-SB-GP6-3[illegible]-012204 (Phys)		25				
5.5		30			30				
									34.5
					35	SC			35.0

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-6
PROJECT NAME Omega Chemical **DATE DRILLED** 1/22/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
6.2		60				CL		CLAYEY SAND: dark yellowish brown (10YR 4/4); 80% sand, poorly graded, fine to medium, subangular to subrounded; 20% clay, nonplastic; moist. CLAY: dark yellowish brown (10YR 4/4); 100% clay, medium plasticity, moist, hard.		
									40.0	
7.1		24	OC-SB-GP6-4[illegible] 012204 (Phys)		40	CL		SANDY CLAY: dark yellowish brown (10YR 4/4); 70% clay, medium plasticity; 30% sand, poorly graded, fine, subangular to subrounded; moist, hard. CLAY: dark yellowish brown (10YR 4/4); 100% clay, medium plasticity, moist, hard.	40.5	
5.6		24	OC-SB-GP6-5[illegible] 012204 (Chem)		45			Color change to dark yellowish brown (10YR 3/4).		
						CL				
11.2		30			50					
25.8		24	OC-SB-GP6-6[illegible] 012204 (Phys)		55					
									58.0	
						CL		CLAY WITH GRAVEL: dark yellowish brown (10YR 3/4); 80% clay, medium plasticity; 20% gravel, poorly graded, fine, 3/4-inch maximum diameter, angular to subangular; moist, hard.	59.0	
38.8		30			60	CL		CLAY: dark yellowish brown (10YR 3/4); 100% clay, medium plasticity, moist, hard.		
									63.0	
						ML		SILT: dark yellowish brown (10YR 3/4); 100% silt, medium plasticity, moist, hard.	64.0	
46.7		30	OC-SB-GP6-7[illegible] 012204 (Chem)		65			CLAY: dark yellowish brown (10YR 3/4); 100% clay, medium plasticity; trace gravel, poorly graded, fine, 1/4-inch maximum diameter, angular to subrounded; moist, hard.		
						CL				
		36			70					
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.FIELD **BORING/WELL NUMBER** GP-6

PROJECT NAME Omega Chemical **DATE DRILLED** 1/22/04

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
634		24	OC-SB-GP6-80-012204 (Phys)					CLAY: dark yellowish brown (10YR 3/4); 100% clay, medium plasticity; trace gravel, poorly graded, fine, 1/4-inch maximum diameter, angular to subrounded; moist, hard.		
28.4		48			80	CL				
					85			Total depth of borehole is 85 feet bgs.	85.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.PHASE1A
PROJECT NAME Omega Chemical
LOCATION Terra Pave
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL)
TOP OF CASING ELEVATION (FT MSL)
LOGGED BY Mike Hoffman
REMARKS Well was sampled for lithology continously in 5-foot sections.

BORING/WELL NUMBER GP-7
DATE DRILLED 1/21/04
CASING TYPE/DIAMETER NA
SCREEN TYPE/SLOT NA
GRAVEL PACK TYPE NA
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC)
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
20.4		30						ASPHALT is 3 inches thick.	0.3	
								SILT WITH SAND: very dark brown (10YR 2/2); 85% silt, nonplastic; 15% sand, poorly graded, fine, subangular to subrounded; horizontal partings, moist, hard.		
3.4		36			5	ML		Color change to dark yellowish brown (10YR 4/4).		
2.3		42			10					
									11.5	
						SP		SAND: dark yellowish brown (10YR 4/4); 90% sand, poorly graded, fine to medium, trace coarse, subangular to subrounded; 10% gravel, poorly graded, fine, 3/4-inch maximum diameter, angular to subangular; trace silt; moist.	13.0	
1.6		60			15	ML		SILT WITH SAND: dark yellowish brown (10YR 4/4); 85% silt, nonplastic; 15% sand, poorly graded, fine, subangular to subrounded; horizontal partings, moist, hard.		
									17.0	
						SP		SAND WITH GRAVEL: dark yellowish brown (10YR 4/4); 80% sand, poorly graded, fine to medium, trace coarse, subangular to subrounded; 20% gravel, poorly graded, fine, 3/4-inch maximum diameter, angular to subangular; trace silt; moist.	17.5	
						ML				
2.0		60			20	CL		SILT WITH GRAVEL: dark yellowish brown (10YR 4/4); 85% silt, nonplastic; 15% gravel, poorly graded, fine, 1/2-inch maximum diameter, angular to rounded; horizontal partings, moist, hard.	20.0	
						SP		CLAY: dark yellowish brown (10YR 4/4); 100% clay, nonplastic, moist, hard.	21.0	
								SAND WITH GRAVEL: dark yellowish brown (10YR 4/4); 80% sand, poorly graded, fine to medium, trace coarse, subangular to subrounded; 20% gravel, poorly graded, fine, 3/4-inch maximum diameter, angular to subangular; trace silt; moist.	21.5	
3.3		60			25	CL		CLAY: dark yellowish brown (10YR 4/4); 100% clay, nonplastic, moist, hard.		
1.7		36			30					
					35				35.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.PHASE1A **BORING/WELL NUMBER** GP-7
PROJECT NAME Omega Chemical **DATE DRILLED** 1/21/04

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
6.6		60						CLAY: dark yellowish brown (10YR 4/4); 100% clay, nonplastic, moist, hard.		
10.0		18			40					
12.7		36	OC-SB-GP7-4[illegible] 012104		45	CL				
19.0		60			50					
1.5		24			55					
									57.0	
						SP		SAND: dark yellowish brown (10YR 4/4); 90% sand, poorly graded, fine to medium, trace coarse, subangular to subrounded; 10% gravel, poorly graded, fine, 3/4-inch maximum diameter, angular to subangular; trace silt; moist.		
									60.0	
122		24	OC-SB-GP7-6[illegible] 012104		60			CLAY: dark yellowish brown (10YR 4/4); 100% clay, nonplastic, moist, hard.		
57.8		18	OC-SB-GP7-6[illegible] 012104		65	CL				
32.6		30			70					
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.PHASE1A **BORING/WELL NUMBER** GP-7

PROJECT NAME Omega Chemical **DATE DRILLED** 1/21/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
12.1		24						CLAY: dark yellowish brown (10YR 4/4); 100% clay, nonplastic, moist, hard.		
9.7		36			80	CL				
					85			Total depth of borehole is 85 feet bgs.	85.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.PHASE1A
PROJECT NAME Omega Chemical
LOCATION Terra Pave
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL)
TOP OF CASING ELEVATION (FT MSL)
LOGGED BY Mike Hoffman
REMARKS Well was sampled for lithology continously in 5-foot sections.

BORING/WELL NUMBER GP-8
DATE DRILLED 1/21/04
CASING TYPE/DIAMETER NA
SCREEN TYPE/SLOT NA
GRAVEL PACK TYPE NA
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC)
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0.0		36						ASPHALT is 3 inches thick.	0.3	
								SILT WITH SAND: dark yellowish brown (10YR 4/4); 85% silt, nonplastic; 15% sand, poorly graded, fine, subangular to subrounded; horizontal partings, moist, hard.		
0.8		48			5	ML		Color change to very dark brown (10YR 2/2).		
									10.0	
1.3		30			10	SP		SAND WITH GRAVEL: light yellowish brown (10YR 6/4); 85% sand, poorly graded, fine to medium, trace coarse, subangular to subrounded; 15% gravel, poorly graded, fine, 1/2-inch maximum diameter, angular to subangular; moist.	11.5	
						ML		SILT WITH SAND: very dark brown (10YR 2/2); 85% silt, nonplastic; 15% sand, poorly graded, fine, subangular to subrounded; horizontal partings, moist, hard.	15.0	
1.3		60			15	SP		SAND WITH GRAVEL: light yellowish brown (10YR 6/4); 85% sand, poorly graded, fine to medium, trace coarse, subangular to subrounded; 15% gravel, poorly graded, fine, 1/2-inch maximum diameter, angular to subangular; moist.	18.0	
2.2		30			20			CLAY: dark yellowish brown (10YR 4/4); 100% clay, nonplastic, moist, hard.		
7.5		60			25	CL				
2.1		60			30					
					35				35.0	

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NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.PHASE1A **BORING/WELL NUMBER** GP-8

PROJECT NAME Omega Chemical **DATE DRILLED** 1/21/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
11.6		60						CLAY: dark yellowish brown (10YR 4/4); 100% clay, nonplastic, moist, hard.		
5.3		24			40					
2.6		48			45	CL				
46.5		60	OC-SB-GP8-50-012104		50					
2.7		12	OC-SB-GP8-60-012104		55					
0.7		18			60	SP		SAND: brown (10YR 4/3); 100% sand, poorly graded, fine, subangular to subrounded; moist.	60.0	
12.5		12	OC-SB-GP7-66-012104		65			Hit refusal, total depth of borehole is 66 feet bgs.	66.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a
PROJECT NAME Omega Chemical
LOCATION 12511 Putnam St, Whittier, CA
DRILLING METHOD Sonic
SAMPLING METHOD Continuous Core
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY T. Titus
REMARKS Well is on west side of Putnam St., north of Washington Blvd.

BORING/WELL NUMBER B-3
DATE DRILLED 11/4/03
CASING TYPE/DIAMETER NA
SCREEN TYPE/SLOT NA
GRAVEL PACK TYPE NA
GROUT TYPE/QUANTITY Portland Cement / 5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								Concrete is 7" thick	0.6	
								Roadbase	1.0	
								SILT WITH CLAY: reddish brown; 90% silt; 10% clay; dry, no odor.		
2.0		60			5					No Well Was Constructed.
6.9		24						SILT AND CLAY: reddish brown; 70% silt; 30% clay; low plasticity, high density, dry, no odor.		
								SILT: reddish brown; 95% silt; 5% gravel, coarse grained, subangular; trace of cobbles, maximum 1 inch diameter; medium density, dry, no odor.		
14		36			10	ML		SILT AND CLAY: reddish brown; 70% silt; 30% clay; low plasticity, low density, moist, no odor.		
55		24						SILT AND CLAY: reddish brown; 70% silt; 30% clay; non-plastic, high density, dry, no odor.		
3.0		36			15			SILT: reddish brown; 95% silt; 5% clay; non-plastic, medium density, dry, no odor.		
3.0		24								
					20				20.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-3
PROJECT NAME Omega Chemical **DATE DRILLED** 11/4/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
22		36								
5.0		24						SILT WITH CLAY: reddish brown; 80% silt; 20% clay; low plasticity, low density, moist, no odor.		
9.0		36			25			SILT: reddish brown; 100% silt; high density, dry, no odor.		
6.0		24								
14		36			30	ML				
16		36								
14		24			35			SILT WITH CLAY: reddish brown; 80% silt; 20% clay; low plasticity, medium density, dry, no odor.		
19		24						SILT: brown; 100% silt; high density, dry, no odor.		
9.0		36			40			SILT WITH SAND: reddish brown; 80% silt; 20% sand, very fine to fine grained, round; low density, dry, no odor.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-3
PROJECT NAME Omega Chemical **DATE DRILLED** 11/4/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
30		36						SILT WITH CLAY: dark brown: 90% silt; 10% clay; low plasticity, high density, dry, no odor.		
									45.0	
18		24			45	SM		SAND WITH SILT: orangish brown; 90% sand, fine grained, round, poorly graded; 10% silt; dry, no odor.		
									48.0	
						SP		SAND: tan; 100% sand, very fine to fine grained, round, poorly graded, slightly cemented, dry, no odor.		
15		42			50					
								SAND: tan; 95% sand, very fine to fine grained, round, poorly graded; 5% gravel, coarse grained, subround; dry, no odor.		
									52.5	
						SM		SAND AND SILT: tan; 50% sand, very fine grained, round, poorly graded; 50% silt; dry, no odor.	53.0	
						SP		SAND: tan; 95% sand, very fine to fine grained, round, poorly graded; 5% gravel, coarse grained, subround; dry, no odor.		
16		48							54.5	
					55	SW		SAND WITH GRAVEL: orangish brown; 90% sand, fine to coarse grained, subround to round, well graded; 10% gravel, fine to coarse grained, subround to round; dry, no odor.		
								SAND AND SILT: tan; 50% sand, very fine grained, round, poorly graded; 50% silt; slightly cemented, dry, no odor.	57.0	
20		36				SP			57.5	
						SM		SAND WITH GRAVEL AND SILT: brown; 80% sand, very fine to fine grained, round, poorly graded; 10% gravel, fine grained, subround to subangular; 10% silt; dry, no odor.	58.0	
						SW		SAND AND SILT: tan; 50% sand, very fine grained, round, poorly graded; 50% silt; dry, no odor.		
						SM		SAND WITH GRAVEL: brown; 90% sand, medium to coarse grained, subround to round, well graded; 10% gravel, fine grained, subround to round; grain size descreases with depth, dry, no odor.	59.5	
14		36			60				60.5	
								SAND AND SILT: tan; 60% sand, very fine to medium grained, round, well graded; 40% silt; slightly cemented, dry, no odor.		
								SAND WITH GRAVEL: brown; 80% sand, fine to coarse grained, subround to round, well graded; 20% gravel, fine to medium grained, subround to round, well graded; dry, no odor.		
11		36				SW		SAND WITH SILT: tan; 85% sand, very fine to coarse grained, subround to round, well graded; 10% silt; 5% gravel, medium to coarse grained, subround to round; slightly cemented, dry, no odor.		
					65					

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NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-3
PROJECT NAME Omega Chemical **DATE DRILLED** 11/4/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						SW		SAND AND GRAVEL: brown; 70% sand, fine to coarse grained, subround to round, well graded; 30% gravel, fine to coarse grained, subround to round, well graded; dry, no odor.	67.0	
						ML		SILT: dark brown; 100% silt; high density, dry, no odor.	68.0	
						SM		SILT AND SAND: orangish brown; 60% silt; 35% sand, very fine to fine grained, subround to round, poorly graded; 5% gravel, medium to coarse grained, subround to round; high density, dry, no odor.	69.5	
		84			70	SW SM		SAND, SILT, AND GRAVEL: brown; 35% sand, fine to coarse grained, subangular to round, well graded; 35% silt; 30% gravel, fine to coarse grained, subangular to round, well graded; trace of cobbles, round, maximum diameter of 2 inches; high density, moist, no odor.	70.0	
						SM		SAND AND SILT: brown; 60% sand, fine to coarse grained, subangular to round, well graded; 40% silt; trace of gravel, fine grained, subangular to round; moist, no odor.	73.0	
5.0		60			75	ML		SILT AND CLAY: brown; 55% silt; 30% clay; 5% gravel, fine to medium grained, round; high plasticity, high density, moist, no odor.	75.0	
						ML		SILT AND SAND WITH GRAVEL: brown; 50% silt; 40% sand, very fine to fine grained, subround to round, poorly graded; 10% gravel, medium to coarse grained, subround to round, poorly graded; high density, moist, no odor.	78.0	
11		60			80	ML		SILT AND SAND WITH GRAVEL: yellowish brown; 50% silt; 40% sand, very fine to fine grained, subround to round, poorly graded; 10% gravel, medium to coarse grained, subround to round, poorly graded; high density, wet, no odor.	83.5	
						ML		SILT AND CLAY: yellowish brown; 70% silt; 30% clay; trace of sand, fine to medium grained, subround; high plasticity, high density, wet, no odor.	85.0	
2.0		60			85			Total Depth is 85 feet below ground surface (bgs). Groundwater was encountered at 67.4 feet bgs.		

NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a
PROJECT NAME Omega Chemical
LOCATION 12511 Putnam St, Whittier, CA
DRILLING METHOD Sonic
SAMPLING METHOD Continuous Core
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY T. Titus
REMARKS Well is on west side of Putnam St., north of Washington Blvd.

BORING/WELL NUMBER B-4
DATE DRILLED 11/6/03
CASING TYPE/DIAMETER NA
SCREEN TYPE/SLOT NA
GRAVEL PACK TYPE NA
GROUT TYPE/QUANTITY Portland Cement / 5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								Concrete is 7" thick	0.6	
								Roadbase	1.0	
								SILT: reddish brown; 90% silt; 5% sand, medium to coarse grained, rounded; 5% clay; high density, dry, no odor.		
		60			5					No Well Was Constructed.
						ML				
4.0		60			10					
								SILT WITH CLAY: reddish brown; 80% silt; 20% clay; non-plastic, medium density, dry, no odor.		
3.0		60			15					
									16.0	
						ML		SILT AND GRAVEL: orange; 70% silt; 30% gravel, fine to coarse grained, subround, well graded; trace cobbles, maximum diameter of 1 inch; high density, dry, no odor.	17.0	
								SILT WITH SAND: reddish brown; 90% silt; 10% sand, very fine to medium sand, subround; medium density, dry, no odor.		
					20					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-4
PROJECT NAME Omega Chemical **DATE DRILLED** 11/6/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
2.0		60				ML				
									24.0	
5.0		60			25			SILT AND CLAY WITH SAND: reddish brown; 40% silt; 40% clay; 20% sand, very fine to fine grained, round, poorly graded; moderate plasticity, medium density, dry, no odor. SILT AND CLAY: reddish brown; 60% silt; 40% clay; moderate plasticity, medium density, dry, no odor.		
						ML				
3.0		60			30					
									31.0	
								SILT WITH SAND: brown; 90% silt; 10% sand, very fine to fine grained, round; high density, dry, no odor.		
						ML				
9.0		60			35					
									36.0	
								CLAY AND SILT: reddish brown; 60% clay; 40% silt; high plasticity, medium density, moist, no odor.		
						CL				
									39.0	
						SM		SAND AND SILT: reddish brown; 70% sand, very fine to fine grained, round, poorly graded; 30% silt; low density, moist, no odor.	40.0	
17		60			40			SILT WITH CLAY: reddish brown; 85% silt; 10% clay; 5% sand, very fine to fine grained, round; high density, dry, no odor.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-4
PROJECT NAME Omega Chemical **DATE DRILLED** 11/6/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
25		30			45					
26		60			50	ML		SILT AND SAND: reddish brown; 60% silt; 40% sand, very fine to fine grained, round, poorly graded; dry, no odor.		
87		60			55					
									59.0	
						SM		SAND AND SILT: light brown; 70% sand, very fine to fine grained, round, poorly graded; 30% silt; slightly cemented, dry, no odor.	59.5	
24		60			60	SP		SAND WITH SILT: reddish brown; 90% sand, very fine to fine grained, round, poorly graded; 20% silt; slightly cemented, dry, no odor.		
								SAND: light brown; 95% sand, medium grained, round, poorly graded; 5% silt; moist, no odor.		
24		48			65				64.5	
						SM		SAND AND SILT: tan; 80% sand, very fine to fine grained, round, poorly graded; 20% silt; slightly cemented, dry, no odor.	65.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-4
PROJECT NAME Omega Chemical **DATE DRILLED** 11/6/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								SAND: light brown; 100% sand, fine to medium grained, round, poorly graded; slightly cemented, moist, no odor.		
9.0		48						SAND: reddish brown; 95% sand, fine to medium grained, round, poorly graded; 5% silt; moist, no odor.		
					70	SP				
					75				75.0	
21		84						SILT AND SAND WITH CLAY: orangish brown; 40% silt; 35% sand, very fine to fine grained, subround to round; 20% clay; 5% gravel, fine to medium grained, subround to round; low plasticity, medium density, moist, no odor.		
						ML				
								SILT AND SAND WITH CLAY: orangish brown; 55% silt; 30% sand, very fine to fine grained, subround to round; 10% clay; 5% gravel, medium to coarse grained, subround to round; non-plastic, high density, moist, no odor.		
					80				80.0	
5.0		60				SW		SAND WITH GRAVEL: brown; 80% sand, fine to coarse grained, subround to round, well graded; 20% gravel, fine to coarse grained, subround to round, well graded; trace of cobbles, maximum diameter of 1 inch; wet, no odor.	80.5	
						ML		SILT WITH SAND: yellowish brown; 80% silt; 15% sand, fine grained, round, poorly graded; 5% gravel, fine grained, round; high density, moist, no odor.		
								SILT WITH SAND AND GRAVEL: yellowish brown; 70% silt; 15% sand, fine to coarse grained, subround to round, well graded; 10% gravel, fine to coarse grained, subround to round, well graded; trace of cobbles, maximum diameter of 2 inches; high density, moist, no odor.		
					85				85.0	
1.0		60						Total Depth is 85 feet below ground surface (bgs). Groundwater was encountered at approximately 68 feet bgs.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240
PROJECT NAME Omega Chemical Company
LOCATION Omega/3 Kings Construction
DRILLING METHOD HSA CME85
SAMPLING METHOD Modified CA-Split Spoon (No Sleeves)
GROUND SURFACE ELEVATION (FT MSL)
TOP OF CASING ELEVATION (FT MSL)
LOGGED BY R. Douglas
REMARKS

BORING/WELL NUMBER SVE4M
DATE DRILLED 9/8/06
CASING TYPE/DIAMETER 4" Sch 40 PVC
SCREEN TYPE/SLOT 4" Sch 40 PVC 0.020 Slot
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Medium Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NA
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Airvac out 6" broken concrete and soil to 5 ft-bgs.	0.5
	7,8,9	1.5			5	ML		SILT: 10YR4/3 Brown; 60-80% Silt; 15-30% Clay; 5-10% Sand, fine; Moist.	5.0
0.6	8,10,12	1.5				GM			7.0
						ML		2"-thick layer of gravel, rounded when not fractured, schistoe, up to 1.5".	7.2
0.6	7,9,12	1.5				SM		SILTY SAND: 10YR4/4 Dark Yellow Brown; 60% Sand, fine; 40% Silt, moist.	7.5
0.9									9.0
0.4	13	0			10			SILT: 10YR4/3 Brown; 60-80% Silt; 15-30% Clay; 5-10% Sand, fine; Moist.	
	6,8,11	1.0							
1.3	5,9,12	1.25							
	8,10,12	1.5				ML			
2.2									
1.3	14	0							
2.0	7,10,13	1.0			15				
	8,14,17	1.25							16.0
2.2								CLAY: 10YR4/3 Brown; 50-70% Clay; 25-40% Silt; 5-10% Sand, fine; Moist.	
	9,11,16	2.0							
2.3						CL			
1.5	17	0							
3.1	13,13,15	1.5			20				
						GM			21.3
0.8	9,11,16	1.0						SILTY GRAVEL: 10YR4/3 Brown; 40-50% Gravel, angular, up to 0.5", granitic; 20-40% Silt; 20-30% Sand, angular, well graded; Moist.	21.6
	8,12,14	1.75							
1.6								CLAY: 10YR4/3 Brown; 50-70% Clay; 25-40% Silt; 5-10% Sand, fine; Moist.	
2.6	15	0				CL			
2.8	9,11,15	1.25			25				
	8,11,17	1.25							27.0
3.7	13,15,18	1.75				SM		SILTY SAND: 10YR4/3 Brown; 50-60% Sand, fine to coarse, well graded; 20-35% Silt; 15-20% Gravel, up to 0.5", rounded; Moist.	27.5
2.8						CL			
								CLAY: 10YR4/3 Brown; 50-70% Clay; 25-40% Silt; 5-10% Sand, fine; Moist.	29.0
3.3						SM			
					30				30.0

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WELL DIAGRAM

- 5% Bentonite Cement grout (0-20.5 ft. bgs)
- 4" diam. Sch 40 PVC well casing (0-26 ft. bgs)
- Medium Bentonite chips, hydrated (20.5-23.9 ft. bgs)
- #3 Monterey Sand (23.9-36.5 ft.bgs)
- 4" diam. Sch 40 PVC 0.020" slot (26-36.5 ft. bgs)

NEWGINT OMEGA_VE1-5M.GPJ NEWGINT.GDT 11/29/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240 **BORING/WELL NUMBER** SVE4M

PROJECT NAME Omega Chemical Company **DATE DRILLED** 9/8/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
3.1	22	0				ML		SILTY SAND: 10YR4/3 Brown; 50-60% Sand, fine; 40-50% Silt; Moist.	31.0	4" diam. Sch 40 PVC 0.020" slot (26-36 ft. bgs)
	9,12,13	1.25								
0.6	13,16,22	1.25						SILT: 10YR4/3 Brown; 60-80% Silt; 20-40% Clay; Moist.		
	9,12,17	2.0				CL		CLAY: 10YR4/3 Brown; 60-80% Clay; 20-40% Silt; Moist.		
	19	0			35					
6.3	8,14,17	1.5							36.5	
9.5								Total Depth of Borehole: 36.5 ft.bgs		

NEWGINT OMEGA_VE1-5M.GPJ NEWGINT.GDT 11/29/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426
PROJECT NAME Omega Chemical
LOCATION Putnam St.
DRILLING METHOD Air Rotary Casing Hammer
SAMPLING METHOD Cuttings
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Andy Horn
REMARKS Key #3232

BORING/WELL NUMBER EW-1
DATE DRILLED 7/13/06
CASING TYPE/DIAMETER Sch 80, PVC / 6"
SCREEN TYPE/SLOT 6" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE #2/12
GROUT TYPE/QUANTITY Portland Cement 5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) 66.66
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
					0			6" Concrete	0.5
						CL		CLAY: brown (7.5YR4/2); silty, slightly moist, moderate plasticity.	
					5				5.0
								SILT: brown (7.5YR4/2); clayey, slightly moist, low to moderate plasticity.	
					10				
					15	ML			
					20				
					25				25.0
								CLAY: brown (7.5YR4/2); silty, slightly moist, low to moderate plasticity.	
					30	CL			
					35				35.0

WELL DIAGRAM:
- Locking Water-Tight Cap
- Concrete (1-1.5 ft bgs).
- Bentonite Chips (1.5-6 ft bgs).
- 6", Sch 80, PVC Riser (0.68-72 ft bgs).
- Portland Cement w/ 5% Bentonite Grout (6-72 ft bgs).

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-1

PROJECT NAME Omega Chemical **DATE DRILLED** 7/13/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					40			CLAY: brown (7.5YR5/4); silty and trace sand, slightly moist, moderate plasticity.		6", Sch 80, PVC Riser (0.68-72 ft bgs).
					45	CL				Portland Cement w/ 5% Bentonite Grout (6-72 ft bgs).
					50					
					55				55.0	Bentonite Chips (53.5-57 ft bgs).
						ML		SILT: brown (7.5YR5/4); with some clay, slightly moist, low plasticity,		#60 Mesh Sand (57-60 ft bgs).
					60				60.0	
								SAND: light brown (7.5YR6/4); poorly graded, fine, with silt, slightly moist.		#2/12 Filter Pack (60-92 ft bgs).
					65					
						SP				
					70					6", 20-slot, SS Wire Wrap Screen (72-87 ft bgs).
					75					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-1

PROJECT NAME Omega Chemical **DATE DRILLED** 7/13/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
									77.0	
						CL		CLAY: brown (7.5YR5/4); silty with trace very fine sandy, moist, moderate plasticity, water added to boring,		
					80				80.0	6", 20-slot, SS Wire Wrap Screen (72-87 ft bgs).
						SP		SAND: brown (7.5YR5/4); with gravel, silt and clay, appears to be clayey matrix clasts are ~0.5"-1" at most.		
					85					#2/12 Filter Pack (60-92 ft bgs).
									87.0	
						CL		CLAY: light brown (7.5YR4/4); silty sandy, moist, moderate plasticity.		6", Sch 40, PVC Sump (87-92 ft bgs).
					90				90.0	
						GP		GRAVEL: light brown (7.5YR6/4); with coarse sand, silt and clay.		
									92.0	End Cap (92 ft bgs).
					95					
					100					
					105					
					110					
					115					

NEWGINT OMEGA.GPJ NEWGINT.GDT 8/15/06

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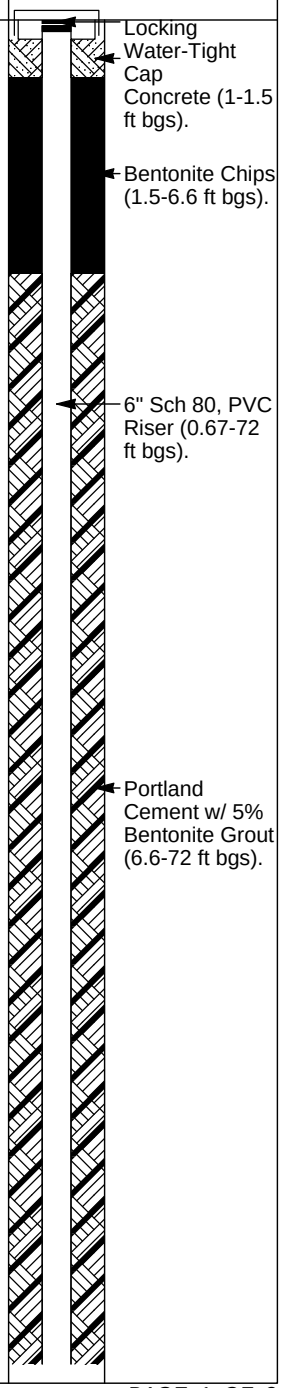
BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426
PROJECT NAME Omega Chemical
LOCATION Putnam St.
DRILLING METHOD Air Rotary Casing Hammer
SAMPLING METHOD Cuttings
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Andy Horn
REMARKS Key #3232

BORING/WELL NUMBER EW-2
DATE DRILLED 7/13/06
CASING TYPE/DIAMETER Sch 80, PVC / 6"
SCREEN TYPE/SLOT 6" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE #2/12
GROUT TYPE/QUANTITY Portland Cement 5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) 65.51
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
					0			6" Concrete.	0.5
						CL		CLAY: brown (7.5YR4/2); with silt, slightly moist firm, moderate plasticity.	
					5				5.0
						ML		SILT: brown (7.5YR5/4); with trace clay, slightly moist, non plastic	
					10				
					15				15.0
						CL		CLAY: brown (7.5YR4/4); silty, with trace sand, moderate plasticity,	
					20				
					25				
					30				
					35				

WELL DIAGRAM



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NEWGINT OMEGA.GPJ NEWGINT.GDT 8/16/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-2

PROJECT NAME Omega Chemical **DATE DRILLED** 7/13/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					40					6" Sch 80, PVC Riser (0.67-72 ft bgs).
					45	ML		SILT: brown (7.5YR4/4); with clay, slightly moist, low plasticity.	45.0	Portland Cement w/ 5% Bentonite Grout (6.6-72 ft bgs).
					50					
					55			SILT: brown (7.5YR5/4); with very fine sand, trace clay, slightly moist, low plasticity.		Bentonite Chips (54-57.5 ft bgs).
					60	SP		SAND: light brown (7.5YR6/4); very fine, dry, non-plastic, poorly graded.	60.0	#60 Mesh Sand (60-92 ft bgs).
					65					#2/12 Filter Pack (57.5-92 ft bgs).
					70			SAND: light brown (7.5YR6/4); fine to medium, non-plastic.		6", 20-slot, SS Wire Wrap Screen (72-87).
					75					

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NEWGINT OMEGA.GPJ NEWGINT.GDT 8/16/06

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-2

PROJECT NAME Omega Chemical **DATE DRILLED** 7/13/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					80			SAND: light brown (7.5YR6/4); medium to coarse, moist, non-plastic.	78.0	
						ML		SILT: light brown (7.5YR6/4); sandy, water added to boring.	83.0	6", 20-slot, SS Wire Wrap Screen (72-87).
					85	GP		Driller reports cobble at 83'. GRAVEL: with silt and sand.	87.0	
					90	CL		Driller reports smooth drilling silt/clay CLAY: brown (7.5YR4/4); silty with sand, trace gravel, wet, moderate plasticity.	92.0	6" Sch 40, PVC Sump (87-92 ft bgs). #2/12 Filter Pack (57.5-92 ft bgs). End Cap (92 ft bgs).
					95					
					100					
					105					
					110					
					115					

NEWGINT OMEGA.GPJ NEWGINT.GDT 8/16/06

CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612
(949) 752-5452
(949) 752-1307 (FAX)

BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426
PROJECT NAME Omega Chemical
LOCATION Putnam St.
DRILLING METHOD Air Rotary Casing Hammer
SAMPLING METHOD Cuttings
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Andy Horn
REMARKS Key #3232

BORING/WELL NUMBER EW-3
DATE DRILLED 7/11/06
CASING TYPE/DIAMETER Sch 80, PVC / 6"
SCREEN TYPE/SLOT 6" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE #2/12
GROUT TYPE/QUANTITY Portland Cement 5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) 64.08
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
					0			Concrete 6" thick	0.5
						CL		CLAY: dark brown (7.5YR3/2); with traces of caliche nodules ~0.5mm, firm, moderate plasticity, moist.	2.5
						ML		SILT: brown (7.5YR4/2); sandy, slightly moist, low plasticity.	
					5			SILT: brown (7.5YR4/2); clayey, with sand.	8.0
						GP		COBBLE: rock crystalline	10.0
					10			SILT: brown (7.5YR4/2); clayey, trace sand, trace rock clippings, dry, non-plastic.	
						ML			15.0
					15			CLAY: brown (7.5YR6/4); silty, sandy w/ gravel, moist, medium to low plasticity.	
					20				
					25				
					30				
						CL			
					35				

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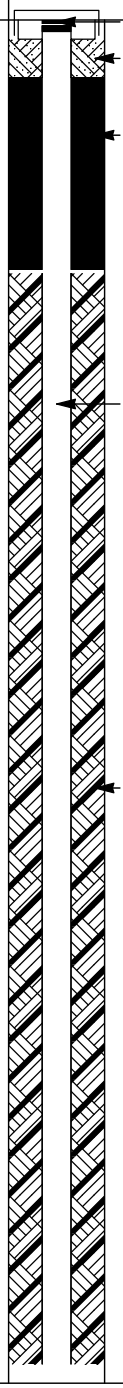
WELL DIAGRAM



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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-3

PROJECT NAME Omega Chemical **DATE DRILLED** 7/11/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					40					6" Sch 80, PVC Riser (0.92-70 ft bgs).
					45					Portland Cement w/ 5% Bentonite Grout (6.5-70 ft bgs).
						ML		SILT: brown (7.5YR5/6); sandy, dry, non-plasticity.	47.0	
					50	SP		SAND: light brown (7.5YR5/4); poorly sorted, with trace silt, dry, non-plastic, angular to subrounded.	50.0	
					55					Bentonite Chips (57.4-60.4 ft bgs).
					60					#60 Mesh (60.4-63.4 ft bgs).
					65	GP		GRAVEL: brown (7.5YR5/4); with clay, silt, sand, slightly moist, low plasticity.	65.0	#2/12 Filter Pack (63.4-90 ft bgs).
					70	ML		SILT: light brown (7.5YR6/4); sandy trace clay, moist, low plasticity.	70.0	6", 20-slot, SS Wire Wrap Screen (70-85 ft bgs).
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-3

PROJECT NAME Omega Chemical **DATE DRILLED** 7/11/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						GP		GRAVEL: light brown (7.5YR6/4); sandy, silty, with trace clay, wet, non-plastic, angular to subangular.		
									78.0	#2/12 Filter Pack (63.4-90 ft bgs).
						ML		SILT: light brown (7.5YR6/4); sandy.		
					80				80.0	6", 20-slot, SS Wire Wrap Screen (70-85 ft bgs).
						SP		SAND: brown (7.5YR5/4); silty and clay, trace fine gravel, wet, angular grains, non-plastic, water added to boring at 80'.		
					85				85.0	
						CL		CLAY: light brown (7.5YR6/4); silty, sandy, with trace gravel, wet, low plasticity.		6" Sch 40, PVC Sump (85-90 ft bgs).
					90				90.0	End Cap (90 ft bgs).
								CLAY: light brown (7.5YR6/4); silty, sandy, with trace gravel, wet, medium plasticity.		
					95					
					100					
					105					
					110					
					115					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426
PROJECT NAME Omega Chemical
LOCATION Putnam St.
DRILLING METHOD Air Rotary Casing Hammer
SAMPLING METHOD Cuttings
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Andy Horn
REMARKS Key #3232

BORING/WELL NUMBER EW-4
DATE DRILLED 7/17/06
CASING TYPE/DIAMETER Sch 80, PVC / 6"
SCREEN TYPE/SLOT 6" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE #2/12
GROUT TYPE/QUANTITY Portland Cement 5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) 63.11
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					0			6" Concrete	0.5	Locking Water-Tight Cap. Concrete (1-1.5 ft bgs).
								SILT: dark brown (7.5YR5/4); clayey, moderate plasticity, slightly moist.		Bentonite Chips (1.5-5.4 ft bgs).
					5					
					10					6" Sch 80 PVC Riser (0.70-70.8 ft bgs).
					15			Trace gravel.		
						ML				
					20			Trace sand.		Portland Cement w/ 5% Benonite Grout (5.4-70.8 ft bgs).
					25			Trace sand.		
					30					
					35				35.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-4

PROJECT NAME Omega Chemical **DATE DRILLED** 7/17/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					40			Water added to boring.		6" Sch 80 PVC Riser (0.70-70.8 ft bgs).
					45	ML		Trace sand.		Portland Cement w/ 5% Benonite Grout (5.4-70.8 ft bgs).
					50			Trace sand.		
					55			SILT: brown (7.5YR4/6); sandy, fine sand, no plasticity determination, wet.	55.0	Bentonite Chips (52.5-56 ft bgs).
					60	SP		SAND: brown (7.5YR5/4); fine to medium, silty, wet, smooth.		#60 Mesh Sand (56-59 ft bgs).
					65			SILT: brown (7.5YR5/6); with medium to fine sand, wet.	65.0	#2/12 Filter Pack (59-90.8 ft bgs).
					70	ML				6", 20-slot, SS Wire Wrap Screen (70.8-85.8 ft bgs).
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-4

PROJECT NAME Omega Chemical **DATE DRILLED** 7/17/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					80	ML		SILT: brown (7.5YR5/6); with medium to fine sand, no plasticity determination, wet.	80.0	#2/12 Filter Pack (59-90.8 ft bgs).
					85	CL		CLAY: brown (7.5YR4/4); silty, medium to high plasticity, moist.	90.0	6", 20-slot, SS Wire Wrap Screen (70.8-85.8 ft bgs).
					90	ML		SILT: brown (7.5YR5/4); with very fine sand, non-plastic, wet.	90.8	6" Sch 40 PVC Sump (85.8-90.8 ft bgs).
					95					End Cap (90.8 ft bgs).
					100					
					105					
					110					
					115					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426
PROJECT NAME Omega Chemical
LOCATION Putnam St.
DRILLING METHOD Air Rotary Casing Hammer
SAMPLING METHOD Cuttings
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Andy Horn
REMARKS Key #3232

BORING/WELL NUMBER EW-5
DATE DRILLED 7/17/06
CASING TYPE/DIAMETER Sch 80, PVC / 6"
SCREEN TYPE/SLOT 6" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE #2/12
GROUT TYPE/QUANTITY Portland Cement 5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) 61.55
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
					0			6" Concrete	0.5
						ML		SILT: brown (7.5YR4/4); clayey, moderate plasticity, slightly moist.	
					5				
					10			Trace gravel.	
					15			Trace fine gravel.	
					20				
					25			SILT: brown (7.5YR4/4); sandy, with clay, moderate plasticity, slightly moist.	27.0
						SP		SAND: strong brown (7.5YR4/6); with silt and gravel, sand is fine to coarse, non-plastic, slightly moist.	30.0
					30			SILT: brown (7.5YR4/4); with clay and gravel, moderate plasticity, slightly moist.	
					35				

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WELL DIAGRAM

- Locking Water-Tight Cap
- Concrete (1-1.5 ft bgs).
- Bentonite Chips (1.5-4.5 ft bgs).
- 6" Sch 80 PVC Riser (0.56-70 ft bgs).
- Portland Cement w/ 5% Bentonite Grout (4.5-70 ft bgs).

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-5

PROJECT NAME Omega Chemical **DATE DRILLED** 7/17/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					40			SILT: brown (7.5YR4/2); with clay, moderate plasticity, slightly moist.		6" Sch 80 PVC Riser (0.56-70 ft bgs).
					45	ML		SILT: brown (7.5YR4/4); with clay and very fine sand, moderate to low plasticity, slightly moist.		Portland Cement w/ 5% Bentonite Grout (4.5-70 ft bgs).
					50					
					55					Bentonite Chips (51.5-55 ft bgs).
					60					#60 Mesh Sand (55-60 ft bgs).
									60.0	
					65	SP		SAND: strong brown (7.5YR5/6); fine to medium, with silt, non-plastic, slightly moist.		#2/12 Filter Pack (60-90 ft bgs).
					70				70.0	
						ML		SILT: brown (7.5YR5/4); clayey, with medium sand, trace gravel, moderate to high plasticity, moist.		6" 20=slot, SS Wire Wrap Screen (70-85 ft bgs).
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-53426 **BORING/WELL NUMBER** EW-5

PROJECT NAME Omega Chemical **DATE DRILLED** 7/17/06

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					80	CL		CLAY: brown (7.5YR5/4); silty, with fine to medium sand, moderate plasticity, moist.		#2/12 Filter Pack (60-90 ft bgs).
					85			CLAY: strong brown (7.5YR5/6); silty, with fine sand and gravel, medium to high plasticity, moist.		6" 20=slot, SS Wire Wrap Screen (70-85 ft bgs).
					90	CL		Water added to boring. CLAY: strong brown (7.5YR5/6); silty, with very fine sand, trace gravel, high plasticity, moist.		6" Sch 40, PVC Sump (85-90 ft bgs).
					95			CLAY: strong brown (7.5YR5/8); silty, with very fine to medium sand, trace gravel, wet.	90.0 90.0	End Cap (90 ft bgs).
					100					
					105					
					110					
					115					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a
PROJECT NAME Omega Chemical
LOCATION 12511 Putnam St, Whittier, CA
DRILLING METHOD Sonic
SAMPLING METHOD Continuous Core
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY T. Titus
REMARKS Well is on west side of Putnam St., north of Washington Blvd.

BORING/WELL NUMBER B-1/PZ-1
DATE DRILLED 11/5/03
CASING TYPE/DIAMETER 2" Diameter Sch 40 PVC
SCREEN TYPE/SLOT 2" Diameter Sch 40 PVC / 0.020"
GRAVEL PACK TYPE Lapis Lustre #2/12
GROUT TYPE/QUANTITY Portland Cement / 5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) 67.40
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								Concrete is 7" thick	0.6	
								Roadbase	1.0	
								SILT: brown; 95% silt; 5% gravel, coarse grained, subround to round; trace of cobbles, round, maximum diameter of 1 inch; medium density, dry, no odor.		
		60			5					
0.0		60			10	ML				2" Diameter, SCH 40 PVC, Blank Casing
								SILT WITH CLAY: reddish brown; 90% silt; 10% clay; trace of gravel, medium to coarse grained, round; non-plastic, high density, moist, no odor.		
4.0		60			15					
					20				20.0	

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NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-1/PZ-1

PROJECT NAME Omega Chemical **DATE DRILLED** 11/5/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
6.0		60						SILT WITH CLAY: reddish brown; 80% silt; 20% clay; trace of gravel, medium to coarse grained, round; low plasticity, low density, moist, no odor.		
5.0		60			25			SILT WITH SAND: reddish brown; 80% silt; 20% sand, very fine to fine grained, round; trace gravel, medium to coarse grained, round; trace of cobbles, round, maximum diameter of 2 inch; low density, moist, no odor.		← Portland Cement / 5% Bentonite Grout
								SILT WITH CLAY: reddish brown; 90% silt; 10% clay; trace of gravel, medium to coarse grained, subround; high density, moist, no odor.		
7.0		60			30			SILT WITH CLAY: reddish brown; 90% silt; 10% clay; trace of very fine to fine sand; non-plastic, medium density, moist, no odor.		
37		60			35					
44		60			40	ML		SILT WITH SAND: reddish brown; 80% silt; 20% sand, very fine to fine grained, round; trace of gravel, fine to medium grained, subround to subangular; medium to high density, dry, no odor.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-1/PZ-1

PROJECT NAME Omega Chemical **DATE DRILLED** 11/5/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
									43.0	
25		30			45	ML				
									49.0	
34		60			50	SM		SAND AND SILT: reddish brown; 50% sand, very fine to fine grained, round, poorly graded; 50% silt; low density, dry, no odor.		
								SAND AND SILT WITH GRAVEL: tan; 60% sand, very fine to coarse grained, subround to round, well graded; 30% silt; 10% gravel, fine to coarse grained, subround to round; trace of cobbles, round, maxium 1 inch diameter; slightly cemented, low density, dry, no odor.		
12		60			55				55.5	
						ML		SILT WITH GRAVEL: reddish brown; 90% silt; 10% gravel, fine to coarse grained, subround; moderate density, dry, no odor.	56.0	
						SM			56.5	
								SAND AND SILT: tan; 50% sand, very fine to coarse grained, subround to round, well graded; 50% silt; dry, no odor.		
						SW		SAND: reddish brown; 95% sand, very fine to coarse grained, subround to round, well graded; 5% gravel, fine to medium grained, subround to round; slightly cemented, dry, no odor.		Uncoated Hydrated Bentonite Chips
20		48			60				59.5	
								SAND WITH SILT: reddish brown; 90% sand, very fine to fine grained, round, poorly graded; 10% silt; slightly cemented, dry, no odor.		
8.0		36				SP				
								SAND: reddish brown; 100% sand, fine to medim grained, round, poorly graded, dry, no odor.		
11		36			65					

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NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-1/PZ-1

PROJECT NAME Omega Chemical **DATE DRILLED** 11/5/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								SAND WITH SILT: tan; 70% sand, very fine to fine grained, round, poorly graded; 30% silt; slightly cemented, dry, no odor.	66.0	
8.0		24				SM			68.0	
						CL		CLAY AND SILT: brown; 60% clay; 40% silt; high density, dry, no odor.	68.5	
						SW		SAND WITH SILT: reddish brown; 80% sand, very fine to coarse grained, subround, well graded; 20% silt; dry, no odor.	69.0	
						SM			69.5	
						SW		SAND AND SILT: tan; 70% sand, very fine to fine, round, poorly graded; 30% silt; low density, dry, no odor.	70.0	#2/12 Lapis Lustre Sand
					70			SAND WITH SILT: reddish brown; 80% sand, very fine to coarse grained, subround, well graded; 20% silt; dry, no odor.		
						SM		SAND AND SILT: tan; 70% sand, very fine to fine, round, poorly graded; 30% silt; slightly cemented, dry, no odor.		
5.0		60						SAND AND SILT WITH CLAY; brown; 50% sand, medium to coarse grained, subround to round, well graded; 40% silt; 10% clay; trace of gravel, fine to coarse grained, subround to round; wet, no odor.	72.5	
						ML			73.0	
						CL		SILT AND SAND: brown; 60% silt; 40% sand, fine to medium grained, subround, poorly graded; wet, no odor.	74.0	
								CLAY: brown; 100% clay; high plasticity, high density, moist, no odor.		
					75			SILT WITH CLAY: brown; 90% silt; 10% clay; trace of gravel, fine to coarse grained, subround; high density, moist, no odor.		
9.0		48				ML		SILT AND CLAY WITH SAND: orangish brown; 60% silt; 30% clay; 10% sand, very fine to fine grained, round; low plasticity, high density, moist, no odor.		2" Diameter, SCH 40 PVC, 0.020" Slotted Casing
								SILT WITH CLAY: orangish brown; 75% silt; 20% clay; 5% gravel, fine to coarse grained, subround to round; low plasticity, high density, moist, no odor.		
									79.0	
								SAND AND SILT: orangish brown; 60% sand, very fine to fine grained, round, poorly graded; 40% silt; moist, no odor.		
					80					
						SM				
37		72								
									84.0	
						SW		SAND AND SILT WITH GRAVEL: orangish brown; 50% sand, fine to coarse grained, round to angular, well graded; 30% silt; 20% gravel, fine to coarse grained, round to anagular, well graded; wet, no odor.	84.5	
						SM				
					85	SM				
								SAND AND SILT: orangish brown; 70% sand, very fine to fine grained, subround to round, poorly graded; 30% silt; wet, no odor.	86.0	
						SW		SAND WITH SILT AND GRAVEL: brown; 60% sand, fine to coarse grained, subround to round, well graded; 20% silt; 20% gravel, fine to coarse grained, subround to round, well graded; trace cobbles, maximum diameter of 2 inches; wet, no odor.	87.5	
								GRAVEL, SILT, AND SAND: brown; 40% gravel, fine to		

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NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-1/PZ-1

PROJECT NAME Omega Chemical **DATE DRILLED** 11/5/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
16		96			90	GW GM		coarse grained, subangular to subround, well graded; 30% sand, medium to coarse grained, subround to subangular, well graded; 30% silt; trace of cobbles, maximum diameter of 3.5 inches; high density, dry, no odor.	90.0	

Total Depth is 90 feet below ground surface (bgs).
Groundwater was encountered at 67.4 feet bgs.

NEWGINT OMEGA.GPJ NEWGINT.GDT 2/18/04

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(949) 752-1307 (FAX)

BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a
PROJECT NAME Omega Chemical
LOCATION 12511 Putnam St, Whittier, CA
DRILLING METHOD Sonic
SAMPLING METHOD Continuous Core
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY T. Titus
REMARKS Well is on west side of Putnam St., north of Washington Blvd.

BORING/WELL NUMBER B-2/PZ-2
DATE DRILLED 11/7/03
CASING TYPE/DIAMETER 2" Diameter Sch 40 PVC
SCREEN TYPE/SLOT 2" Diameter Sch 40 PVC / 0.020"
GRAVEL PACK TYPE Lapis Lustre #2/12
GROUT TYPE/QUANTITY Portland Cement / 5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Concrete is 7" thick	0.6
								Roadbase	1.0
								SILT WITH SAND: reddish brown; 85% silt; 10% sand, very fine grained, rounded; 5% clay; medium density, moist, no odor.	
		60			5				
						ML			
11		60			10				
								SILT AND SAND: reddish brown; 65% silt; 30% sand, very fine grained, round, poorly graded; 5% gravel, fine grained, round; medium density, moist, no odor. SILT WITH SAND AND CLAY: reddish brown; 60% silt; 20% sand, very fine grained, round, poorly graded; 20% clay; low plasticity, medium density, moist, no odor. SILT WITH CLAY: reddish brown; 90% silt; 10% clay; high density, moist, no odor.	
12		60			15				
									18.0
						ML		SILT AND SAND WITH GRAVEL: reddish brown; 50% silt; 40% sand, very fine to coarse grained, subround to round, well graded; 10% gravel, fine to coarse grained, subround, well graded; trace of cobbles, subround to round, maxium diameter of 0.5 inches; medium density,	
					20				20.0

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WELL DIAGRAM: 2" Diameter, SCH 40 PVC, Blank Casing

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-2/PZ-2

PROJECT NAME Omega Chemical **DATE DRILLED** 11/7/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
13		60						moist, no odor. SILT AND CLAY: reddish brown; 60% silt; 40% clay; moderate plasticity, high density, moist, no odor.		
								SILT WITH SAND AND CLAY: reddish brown; 60% silt; 20% sand, very fine grained, round, poorly graded; 20% clay; high density, moist, no odor.		
23		60			25					Portland Cement / 5% Bentonite Grout
						ML				
19		60			30			SILT AND SAND: reddish brown; 70% silt; 30% sand, very fine to fine grained, round, poorly graded; medium density, moist, no odor.		
								SILT WITH SAND: reddish brown; 90% silt; 10% sand, very fine grained, round, poorly graded; high density, moist, no odor.		
199		60			35					
									37.5	
						SM		SAND AND SILT: tan; 60% sand, very fine to fine grained, subround to round, poorly graded; 40% silt; moist, no odor.		
									40.0	
104		60			40			SILT WITH SAND AND CLAY: reddish brown; 80% silt; 10% sand, very fine grained, round, poorly graded; 10% clay; high density, moist, no odor.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-2/PZ-2
PROJECT NAME Omega Chemical **DATE DRILLED** 11/7/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML				
55		30			45					
								SAND AND SILT: tan; 60% sand, very fine to fine grained, round, poorly graded; 40% silt; dry, no odor.	46.0	
						SM				
133		60			50					
								SAND WITH SILT: reddish brown; 80% sand, very fine to fine grained, round, poorly graded; 20% silt; moist, no odor.	52.0	
17		60			55					Uncoated Hydrated Bentonite Chips
10		60			60	SP		SAND: light brown; 100% sand, very fine to fine grained, round, poorly graded; slightly cemented, dry, no odor.		
20		48			65					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** B-2/PZ-2

PROJECT NAME Omega Chemical **DATE DRILLED** 11/7/03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
8.0		36						SAND: olive; 100% sand, fine grained, subround to round, poorly graded; wet, no odor.		
								SAND: olive; 100% sand, fine to medium grained, subround to round, poorly graded; wet, no odor.	70.0	
30		36			70			CLAY AND SILT: yellowish brown; 70% clay; 30% silt; high plasticity, high density, moist, no odor.		#2/12 Lapis Lustre Sand
						CL				
3.0		60			75					2" Diameter, SCH 40 PVC, 0.020" Slotted Casing
									77.0	
								SILT AND SAND WITH GRAVEL AND CLAY: yellowish brown; 50% silt; 30% sand, fine grained, subround to round; 10% gravel, fine to coarse grained, subround to round; 10% clay; medium density, moist, no odor.		
						ML				
0.0		60			80					
									81.0	
						SM		SAND WITH SILT, GRAVEL, AND CLAY: yellowish brown; 50% sand, fine to coarse grained, subround to round, well graded; 20% silt; 20% gravel, fine to coarse grained, subround to round, well graded; 10% clay; moist to wet, no odor.	82.0	
						GW GM		GRAVEL, SILT, AND SAND: brown; 40% gravel, fine to coarse grained, subround to round, well graded; 30% sand, fine to coarse grained, round to subround, well graded; 30% silt; trace of cobbles, maximum diameter of 6 inches; high density, moist, no odor.		
1.0		60			85				85.0	
								Total Depth is 85 feet below ground surface (bgs). Groundwater was encountered at approximately 68 feet bgs.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER
PROJECT NAME Omega Chemical
LOCATION 12504 East Whittier Blvd, Whittier, CA
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD 2.5-foot Continuous Core
GROUND ELEVATION 207.79
TOP OF CASING 210.30
LOGGED BY G. Cranham (England and Associates)
REMARKS

BORING/WELL NUMBER OW-1
DATE DRILLED 6/4/96
CASING TYPE/DIAMETER Sch 40, PVC / 4"
SCREEN TYPE/SLOT 4" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE Monterey #2/12
GROUT TYPE/QUANTITY Portland Cement
STATIC WATER LEVEL (feet btoc) 74.38
GROUND WATER ELEVATION 135.92

(ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					0	ML		CONCRETE is 6-inches thick.	0.5	
					5				5.0	
					10					
					15	ML				
					20					
					25					
					30				31.0	
					35	CH				

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER _____ **BORING/WELL NUMBER** OW-1

PROJECT NAME Omega Chemical **DATE DRILLED** 6/4/96

Continued from Previous Page

(ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					40	ML			37.0	
					45				44.0	
					50					
					55	CH				
					60					
					65				66.0	
						ML			67.0	
					70					
					75	CH				

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER _____ **BORING/WELL NUMBER** OW-1

PROJECT NAME Omega Chemical **DATE DRILLED** 6/4/96

Continued from Previous Page

(ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					80				80.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER	10500-24699-T4.FIELD	**BORING/WELL NUMBER**	OW-1B
PROJECT NAME	Omega Chemical	**DATE DRILLED**	6/16/99-6/18/99
LOCATION		**CASING TYPE/DIAMETER**	Sch 40, Mild Steel / 4"
DRILLING METHOD	Hollow Stem Auger	**SCREEN TYPE/SLOT**	4" Stainless Steel Wire Wrap / 0.020"
SAMPLING METHOD	Modified CA Split Spoon	**GRAVEL PACK TYPE**	Lonestar #2/12
GROUND ELEVATION	205.18	**GROUT TYPE/QUANTITY**	Portland Cement/5% Bentonite/495 gal
TOP OF CASING	204.98	**STATIC WATER LEVEL (feet btoc)**	75.49
LOGGED BY	Mike Hoffman	**GROUND WATER ELEVATION**	129.49
REMARKS			

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
0.0						CL		CONCRETE is 4 inches thick. SILTY CLAY: brown (10YR4/3); low plasticity, soft, no UV illumination, dry to moist, no odor.	0.3
0.0	4 6 9	18			5	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, no UV illumination, dry to moist, no odor.	5.0
0.0		18	OC-SG-OW1b-10-061699	SG	10	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, UV illuminated small fragments, dry to moist, no odor.	10.0
9.4	5 9 14	18			15	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft; trace pebbles to 1/2" diameter; UV illuminated small fragments and streaks, dry to moist, no odor.	15.0
0.0		18	OC-SG-OW1b-20-061699	SG	20	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft; trace pebbles to 1/2" diameter; no UV illumination, dry to moist, no odor.	20.0
9.4	9 16 20	18			25	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, no UV illumination, dry to moist, no odor.	25.0
9.4		18	OC-SG-OW1b-30-061699	SG	30	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, no UV illumination, dry to moist, no odor.	30.0
					35				35.0

WELL DIAGRAM

- 10-Sack Sand/Slurry (0-91 ft bgs).
- Portland Cement w/5% Bentonite Grout (0-96 ft bgs)
- 24" x 5/16" Mild Steel Conductor Casing (0-91 ft bgs)
- 4", Sch 40, MS Blank (0-110 ft bgs).

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NEWGINT OMEGA.GPJ NEWGINT.GDT 5/20/02

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-24699-T4.FIELD **BORING/WELL NUMBER** OW-1B

PROJECT NAME Omega Chemical **DATE DRILLED** 6/16/99-6/18/99

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
75.2	10 18 22	18	OC-S-OW1b-35-061699			CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, no UV illumination, dry to moist, no odor.		
18.8		18	OC-SG-OW1B-40-061699	SG	40	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, UV illuminated small fragments, dry to moist, no odor.	40.0	24" x 5/16" Mild Steel Conductor Casing (0-91 ft bgs)
47.0	12 17 25	18	OC-S-OW1b-45-061699		45	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, UV illuminated small fragments, dry to moist, no odor.	45.0	10-Sack Sand/Slurry (0-91 ft bgs).
23.5		18	OC-SG-OW1b-50-061699	SG	50	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, UV illuminated small fragments, dry to moist, no odor.	50.0	
84.7	15 22 27	18	OC-S-OW1b-55-061699		55	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, UV illuminated small streaks, dry to moist, no odor.	55.0	Portland Cement w/5% Bentonite Grout (0-96 ft bgs)
211.7		18	OC-SG-OW1b-60-061699	SG	60	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, UV illuminated precipitate, dry to moist, moderate to strong hydrocarbon odor.	60.0	
122.3	7 18 24	18	OC-S-OW1b-65-061699		65	CL		SILTY CLAY: dark yellowish brown (10YR4/4); low plasticity, soft, UV illuminated precipitate and fragments, dry to moist, moderate to strong hydrocarbon odor.	65.0	4", Sch 40, MS Blank (0-110 ft bgs).
28.2	15 20 22	18	OC-S-OW1b-70-061699		70	CL		SILTY CLAY: brown (10YR4/3); low plasticity, stiff, UV illuminated fragments and streaks, dry to moist, no odor.	70.0	
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-24699-T4.FIELD **BORING/WELL NUMBER** OW-1B

PROJECT NAME Omega Chemical **DATE DRILLED** 6/16/99-6/18/99

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
21.5	14 28 30	18	OC-S-OW1b-75-061699			CL		SILTY CLAY: brown (10YR4/3); low plasticity, stiff, UV illuminated fragments and streaks, dry to moist, no odor.		24" x 5/16" Mild Steel Conductor Casing (0-91 ft bgs)
21.5	12 28 31	18	OC-S-OW1b-80-061699		80	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, UV illuminated streaks, dry to moist, no odor.	80.0	10-Sack Sand/Slurry (0-91 ft bgs).
4.7	10 11 13	18			85	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, UV illuminated streaks, dry to moist, no odor.	85.0	Portland Cement w/5% Bentonite Grout (0-96 ft bgs)
28.2	11 14 20	18	OC-S-OW1b-90-061699		90	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft, no UV illumination, dry to moist, no odor.	90.0	4", Sch 40, MS Blank (0-110 ft bgs).
0.0	3 4 4	18			95	CL		SILTY CLAY: brown (10YR4/3); low plasticity, stiff, no UV illumination, dry to moist, no odor.	95.0	Bentonite Pellets (96-99 ft bgs).
0.0	3 4 6	18	OC-S-OW1b-100-061899		100	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft to firm; traces of coarse sand to fine gravel; no UV illumination, dry to moist, no odor.	100.0	Lonestar #2/12 Filter Pack (99-130 ft bgs).
0.0	3 3 6	18			105	CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft to firm; traces of coarse sand to fine gravel; no UV illumination, dry to moist, no odor.	105.0	
0.0	5 5 9	18	OC-S-OW1b-110-061899		110	CL		SILTY CLAY: brown (10YR4/3); low plasticity, firm, no UV illumination, dry to moist, no odor.	110.0	4", 20-slot, SS Wire Wrap Screen (110-120 ft bgs).
					115				115.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-24699-T4.FIELD **BORING/WELL NUMBER** OW-1B

PROJECT NAME Omega Chemical **DATE DRILLED** 6/16/99-6/18/99

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0.0	10 14 17	18				CL		SILTY CLAY: brown (10YR4/3); low plasticity, firm, no UV illumination, dry to moist, no odor.		4", 20-slot, SS Wire Wrap Screen (110-120 ft bgs).
					120				120.0	
0.0	4 8 12	18	OC-S-OW1b-120-061899			CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft to firm; traces of coarse sand to fine gravel; no UV illumination, dry to moist, no odor.		
					125				125.0	Lonestar #2/12 Filter Pack (99-130 ft bgs).
0.0	8 18 24	18				CL		SILTY CLAY WITH GRAVEL: brown (10YR4/3); 85% silty clay, low plasticity, soft; 15% gravel in matrix, up to 1/2" diameter, angular to subrounded, low to moderate sphericity; no UV illumination, moist, no odor.		
					130				130.0	TD = 130 ft bgs.
0.0	6 8 14	18				CL		SILTY CLAY: brown (10YR4/3); low plasticity, soft to firm; traces of coarse sand to fine gravel; no UV illumination, dry to moist, no odor.	131.5	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-24699-T4.FIELD
PROJECT NAME Omega Chemical
LOCATION 12504 East Whittier Blvd, Whittier, CA
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA Split Spoon
GROUND ELEVATION 201.04
TOP OF CASING 200.10
LOGGED BY Mike Hoffman
REMARKS

BORING/WELL NUMBER OW-2
DATE DRILLED 6/17/99
CASING TYPE/DIAMETER Sch 40, Mild Steel / 4"
SCREEN TYPE/SLOT 4" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE Lonestar #2/12
GROUT TYPE/QUANTITY Portland Cement/5% Bentonite/205 gal
STATIC WATER LEVEL (feet btoc) 66.92
GROUND WATER ELEVATION 133.18

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	DEPTH (ft. BGL)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
0.0				0		CONCRETE is 3 inches thick.	0.3
					CL	SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity,stiff, soft, moist, no odor.	
				5			5.0
0.0	5 9 10	18			CL	SILTY CLAY: dark brown (10YR3/3); 100% silty clay, low plasticity, soft, moist, no odor.	
				10			10.0
0.0	5 5 14	18			CL	SILTY CLAY: dark brown (10YR3/3); 100% silty clay, low plasticity, soft, moist, no odor.	
				15			15.0
0.0	10 13 15	18			CL	SILTY CLAY: dark brown (10YR3/3); 100% silty clay, low plasticity, soft, moist, no odor.	
				20			20.0
0.0	6 8 19	18			CL	SILTY CLAY: dark brown (10YR3/3); 100% silty clay, low plasticity, soft, moist, no odor.	
				25			25.0
0.0	13 15 21	18			CL	SILTY CLAY: dark brown (10YR3/3); 100% silty clay, low plasticity, soft, moist, no odor.	
				30			30.0
10.6	NA	18			CL	SILTY CLAY: dark brown (10YR3/3); 100% silty clay, low plasticity, soft, moist, no odor.	
				35			35.0

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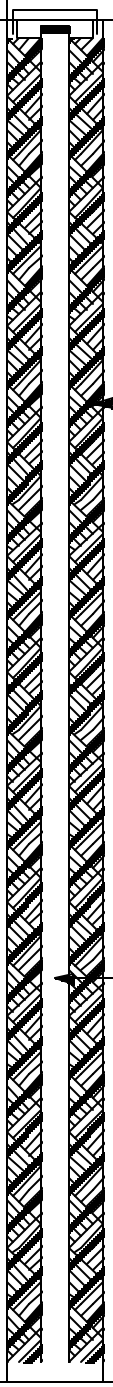
WELL DIAGRAM



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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-24699-T4.FIELD **BORING/WELL NUMBER** OW-2

PROJECT NAME Omega Chemical **DATE DRILLED** 6/17/99

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
16.5	8 12 19	18				CL		SILTY CLAY: dark brown (10YR4/3); 100% silty clay, low plasticity; trace coarse sand to 1/4" diameter gravel; firm, moist, no odor.		Portland Cement w/ 5% Bentonite Grout (0-50 ft bgs).
					40				40.0	
16.5	15 19 22	18				CL		SILTY CLAY: dark brown (10YR3/3); 100% silty clay, low plasticity, soft, moist, no odor.		
					45				45.0	4", Sch 40, MS Blank (0-60 ft bgs).
49.3	16 23 29	18	OC-S-OW2-45-061799			CL		SILTY CLAY: dark brown (10YR4/3); 100% silty clay, low plasticity; trace coarse sand to 1/4" diameter gravel; firm, moist, no odor.		
					50				50.0	
32.9	8 17 20	18				CL		SILTY CLAY: dark brown (10YR4/3); 100% silty clay, low plasticity; trace coarse sand to 1/4" diameter gravel; firm, moist, no odor.		Bentonite Pellets (50-55 ft bgs).
					55				55.0	
0.0	9 14 20	18				ML		SILT WITH SAND: brown (10YR4/3); 85% silt, loose, soft, slightly cohesive; 15% very fine sand; slightly moist, no odor.		Lonestar #2/12 Filter Pack (55-85 ft bgs).
					60				60.0	
27.4	7 7 20	18	OC-S-OW2-60-061799			SP SM		POORLY GRADED SAND WITH SILT: brown (10YR4/3); 90% sand, very fine to fine; 10% silt in matrix,; slightly moist, no odor.		
					65				65.0	
21.9	10 14 22	18				SP SM		POORLY GRADED SAND WITH SILT: gray (10YR5/1); 95% sand, very fine to fine; 5% silt in matrix; very moist, slightly cohesive, no odor.		4", 20-slot, SS Wire Wrap Screen (60-80 ft bgs).
					70				70.0	
0.0	10 10 17	18				SP SM		POORLY GRADED SAND WITH SILT: gray (10YR5/1); 95% sand, very fine to fine; 5% silt in matrix; very moist, slightly cohesive, no odor.		
					75				75.0	

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NEWGINT OMEGA.GPJ NEWGINT.GDT 12/20/01

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-24699-T4.FIELD **BORING/WELL NUMBER** OW-2

PROJECT NAME Omega Chemical **DATE DRILLED** 6/17/99

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0.0	13 21 30	18				CL		SILTY CLAY: dark grayish brown (10YR4/2); 100% silty clay, low plasticity, soft, moist, no odor.		4", 20-slot, SS Wire Wrap Screen (60-80 ft bgs).
					80				80.0	
0.0	12 18 24	18	OC-S-OW2-80-061799			SC		CLAYEY SAND: brown (10YR4/3); 80% sand, very fine to fine: 20% clay in matrix and as balls, moderate plasticity; saturated, no odor.		Lonestar #2/12 Filter Pack (55-85 ft bgs).
					85				85.0	TD = 85 ft bgs.
0.0	NA	18				CL		SILTY CLAY: dark grayish brown (10YR4/2); 100% silty clay, low plasticity, soft, moist, no odor.	86.5	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-24699-T4.FIELD
PROJECT NAME Omega Chemical
LOCATION 12504 East Whittier Blvd, Whittier, CA
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA Split Spoon
GROUND ELEVATION 196.88
TOP OF CASING 196.33
LOGGED BY Mike Hoffman
REMARKS

BORING/WELL NUMBER OW-3
DATE DRILLED 6/15/99
CASING TYPE/DIAMETER Sch 40, Mild Steel / 4"
SCREEN TYPE/SLOT 4" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE Lonestar #2/12
GROUT TYPE/QUANTITY Portland Cement/5% Bentonite/210 gal
STATIC WATER LEVEL (feet btoc) 62.95
GROUND WATER ELEVATION 133.38

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
0.0						CL		CONCRETE is 3 inches thick. SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, soft, moist, no odor.	0.3
0.0	3 3 4	18			5	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, soft, moist, no odor.	5.0
0.0	4 6 10	18			10	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, soft, moist, no odor.	10.0
0.0	5 5 14	18			15	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, stiff, moist, no odor.	15.0
0.0	5 7 13	18			20	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, stiff, moist, no odor.	20.0
0.0	10 12 17	18			25	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, soft, moist, no odor.	25.0
0.0	8 12 16	18			30	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, stiff, moist, no odor.	30.0
					35			*Continued Next Page*	35.0

WELL DIAGRAM

Portland Cement w/ 5% Bentonite Grout (0-53 ft bgs).

4", Sch 40, MS Blank (0-63 ft bgs).

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-24699-T4.FIELD **BORING/WELL NUMBER** OW-3

PROJECT NAME Omega Chemical **DATE DRILLED** 6/15/99

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0.0	10 13 20	18				CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, stiff, moist, no odor.		Portland Cement w/ 5% Bentonite Grout (0-53 ft bgs).
13.3	10 13 19	18	OC-S-OW3-45-061599		40	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, stiff, moist, no odor.	40.0	
0.0	12 16 22	18			45	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, stiff, moist, no odor.	45.0	4", Sch 40, MS Blank (0-63 ft bgs).
0.0	14 19 29	18	OC-S-OW3-50-061599		50	SW		WELL GRADED SAND: dark yellowish brown (10YR3/4); 95% sand, very fine to very coarse, angular to rounded, low to high sphericity; 5% gravel to 1/4" diameter, angular to subrounded, low to moderate sphericity; trace silt in matrix; moist, no odor.	50.0	
0.0	22 28 31	18			55	SW		NO RECOVERY: assuming sand and gravel.	55.0	Bentonite Pellets (53-58 ft bgs).
0.0	21 28 31	18			60	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, soft, moist, no odor.	60.0	Lonestar #2/12 Filter Pack (58-85 ft bgs).
0.0	17 25 40	18			65	CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, soft, moist, no odor.	65.0	4", 20-slot, SS Wire Wrap Screen (63-83 ft bgs).
0.0	12 17 23	18			70	GC		CLAYEY GRAVEL: brown (10YR4/3); 60% gravel, angular to subrounded, low to moderate sphericity; 35% silty clay, low plasticity; 5% well graded sand, very fine to coarse; moist, no odor.	70.0	
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-24699-T4.FIELD **BORING/WELL NUMBER** OW-3

PROJECT NAME Omega Chemical **DATE DRILLED** 6/15/99

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0.0	8 18 20	18	OC-S-OW3-75-061599			CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, soft; trace gravel; moist, no odor.		4", 20-slot, SS Wire Wrap Screen (63-83 ft bgs).
					80				80.0	
0.0	5 9 14	18				CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, soft; trace gravel; moist, no odor.		Lonestar #2/12 Filter Pack (58-85 ft bgs).
					85				85.0	TD = 85 ft bgs.
0.0	10 31 21	18				CL		SILTY CLAY: brown (10YR4/3); 100% silty clay, low plasticity, stiff; trace gravel; moist, no odor.	86.5	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW-OW3B
BORING/WELL NUMBER OW-3B
PROJECT NAME Omega Chemical
DATE DRILLED 3/6/06
LOCATION 12511 Putnam St, Whittier, CA
CASING TYPE/DIAMETER Sch 40, PVC / 4"
DRILLING METHOD Mud Rotary
SCREEN TYPE/SLOT 4" Stainless Steel Wire Wrap / 0.010"
SAMPLING METHOD Mud Rotary Cuttings
GRAVEL PACK TYPE Monterey #2/12
GROUND SURFACE ELEVATION (FT MSL) 195.57
GROUT TYPE/QUANTITY Portland Cement/5% Bentonite
TOP OF CASING ELEVATION (FT MSL) 195.14
STATIC WATER LEVEL (FT BELOW TOC) 73.76
LOGGED BY W.F. Grove
GROUND WATER ELEVATION (FT MSL) 121.38
REMARKS The lithology was based on geophysical log and cuttings to the total depth of 139'.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Concrete is 7" thick	0.6
								Roadbase	1.0
								SILT: brown (7.5 YR 4/4); silt, moist, low density, nonplastic, no odor	
0					5	ML			
0									
0					10				10.0
								CLAY: brown, (7.5 YR 4/2); low density, low plasticity.	
					15	CL			
0									19.0
					20			CLAY: brown, (7.5 YR 4/2); low density, low plasticity.	
				G					
						CL			
0					25				
									29.0
					30			CLAY: brown, (7.5 YR 4/2); low density, low plasticity.	
						CL			
0					35			CLAY: brown, (7.5 YR 4/2); low density, low plasticity.	

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WELL DIAGRAM

Concrete from the surface to 2 feet bgs

12" x 3/8" mild steel conductor casing

4" sch 40 pvc, blank casing

Portland cement w/ 5% bentonite gel grout

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW-OW3B **BORING/WELL NUMBER** OW-3B
PROJECT NAME Omega Chemical **DATE DRILLED** 3/6/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
								CLAY: brown, (7.5 YR 4/2); low density, low plasticity.		
									39.0	
					40			CLAY: brown, (7.5 YR 4/2); low density, low plasticity.		
0						CL				
					45					12" x 3/8" mild steel conductor casing
									48.0	
								SAND: light brown, (7.5 YR 6/4); poorly graded, fine to medium grained, subangular to subrounded.		
					50					4" sch 40 pvc, blank casing
0				G		SP				
									54.0	
								SAND: light brown, (7.5 YR 6/4); poorly graded, fine to medium grained, subangular to subrounded.		
					55					Portland cement w/ 5% bentonite gel grout
						SP				
					60					
									61.0	
0								CLAY: yellowish brown, (10 YR 5/4); 90% clay, medium density, low plasticity; 10% sand, poorly graded, fine to medium grained, subangular to subrounded.		
					65					
						CL				
					70					
0										
									74.0	
					75			CLAY: brown, (7.5 YR 4/2); medium density, low plasticity.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW-OW3B **BORING/WELL NUMBER** OW-3B
PROJECT NAME Omega Chemical **DATE DRILLED** 3/6/06

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PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					80	CL		CLAY: yellowish brown, (10 YR 5/4); 90% clay, medium density, low plasticity; 10% sand, poorly graded, fine to medium grained, subangular to subrounded.	81.0	Portland cement w/ 5% bentonite gel grout
0					85	CL		SANDY CLAY: brown, (7.5 YR 4/2); 70% clay, slightly plastic, medium density, low plasticity; 30% sand, poorly graded, fine to medium grained, angular to subrounded, rock fragments.	86.0	4" sch 40 pvc, blank casing
0						CL		CLAY: brown, (7.5 YR 4/2); medium density, low plasticity.	89.0	
				G	90	CL		SANDY CLAY: brown, (7.5 YR 4/2); 90% clay, low density, medium plasticity; 30% sand, poorly graded, fine to medium grained, angular to subrounded.		12" x 3/8" mild steel conductor casing
0					95				96.0	
						CL		SANDY CLAY: brown, (7.5 YR 4/2); 60% clay, low density, medium plasticity; 40% sand, poorly graded, fine grained, subangular to subrounded.	99.0	
					100	ML		SANDY SILT: brown, (7.5 YR 4/2); 60% silt ; 20% sand, poorly graded, fine to medium grained, subangular to subrounded; 20% clay, low density, low plasticity.		Hydrated bentonite chips
0									104.0	
					105	ML		SANDY SILT: brown, (7.5 YR 4/2); 85% silt ; 10% sand, poorly graded, fine to medium grained, subangular to subrounded; 5% clay, low density, low plasticity.		Transition sand, #0/30 sand
0									109.0	No. 2/12 Monterey sand (106 - 126 feet bgs)
					110	ML		SANDY SILT: brown, (7.5 YR 4/2); 75% silt ; 15% sand, poorly graded, fine to medium grained, subangular to subrounded; 10% clay, low density, medium plasticity.	112.0	4" stainless steel, 0.010" wire wrap screen (112 - 122 ft bgs)
0						SP		SAND: light brown, (7.5 YR 6/4); 95% sand, poorly graded, very fine to medium, subangular to subrounded; 5% silt, nonplastic.	114.0	
					115					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW-OW3B **BORING/WELL NUMBER** OW-3B

PROJECT NAME Omega Chemical **DATE DRILLED** 3/6/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0					120	SP		SAND: light brown, (7.5 YR 6/4); 95% sand, poorly graded, very fine to medium, subangular to subrounded; 5% silt, nonplastic.	122.0	4" stainless steel, 0.010" wire wrap screen (112 - 122 ft bgs)
0					125	SC		CLAYEY SAND: brown (7.5 YR 4/2); 60% sand, poorly graaded, fine to medium grained, subangular to subround; 40% clay, low density, low plasticity.	129.0	No. 2/12 Monterey sand (106 - 126 feet bgs)
0					130	SP		GRAVELLY SAND: light brown (7.5 YR 6/4); 85% sand, fine to coarse, mostly medium, angular to subrounded; 15% gravel, poorly graded, fine, angular to subrounded.	139.0	Hydrated bentonite chips
					135					Sand backfill, #2/16 sand
					140					
					145					
					150					
					155					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-30697-TO5B.INSTALL
PROJECT NAME Omega Chemical
LOCATION 12504 East Whittier Blvd, Whittier, CA
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA Split Spoon
GROUND ELEVATION 213.34
TOP OF CASING 212.01
LOGGED BY W.F. Grove
REMARKS

BORING/WELL NUMBER OW-7
DATE DRILLED 3/13/02
CASING TYPE/DIAMETER Sch 40, Mild Steel / 4"
SCREEN TYPE/SLOT 4" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE Monterey #2/12
GROUT TYPE/QUANTITY Portland Cement/5% Bentonite
STATIC WATER LEVEL (feet btoc) 76.00
GROUND WATER ELEVATION 136.01

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	DEPTH (ft. BGL)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
						CONCRETE is 8 inches thick.	0.7
						ROADBASE	1.0
					CL	CLAY: brown (7.5YR4/3); slightly plastic, soft, moist; minor rock.	
	8,9, 10	12		5			
	4,7, 11	14			ML	CLAYEY SILT: brown (7.5YR4/3); very slightly plastic, soft, moist; 30% clay, 70% silt.	6.5 7.5
0	5,6, 11,12	20				SILTY CLAY: brown (7.5YR4/3); very slightly plastic, soft, moist; approximately 15% coarse sand; trace gravel to 25 mm.	
	3,11, 13	12		10	CL		
	7,14, 16	14					
0	9,7, 14,16	21					
	11,12, 19	14		15		CLAY: brown (7.5YR4/3); slightly plastic, moderately firm, moist; 15% silt; trace rock to 25mm; no staining or odor.	15.0
	9,14, 16	16					
0	12,18, 20,22	23			CL		
	3,9, 14	18		20		1" thick, medium to coarse sand lens.	
	10,16, 21	18				SILTY CLAY: brown (7.5YR4/3); slightly plastic, soft, moist; 35% silt; trace gravel to 10 mm; no staining or odor.	21.5
0	11,14, 20,22	22					
	5,9, 16	10		25	CL		
	11,16, 23	16					
0	8,12, 15,26	24					29.0
					ML	SILT: brown (7.5YR5/4); nonplastic to very slightly plastic; 20% clay; 5% gravel to 25 mm. Sand stringer at 29.6 feet bgs, fine to coarse, well graded, angular to subrounded.	30.0
	9,13, 21	18		30	CL	CLAY: brown (7.5YR4/3); nonplastic to very slightly plastic, firm, moist; 15% silt; no staining or odor.	
	6,18, 20	13					33.0
0	12,13, 22,30	22			CL	CLAY: brown (7.5YR4/3), slightly mottled; nonplastic to very slightly plastic, firm, moist; 15% silt; no staining or odor.	
				35			35.0

WELL DIAGRAM:
- 4" diameter, sch 40, mild steel blank (0-70.89 ft bgs).
- Portland cement w/5% bentonite grout (2-60.6 ft bgs).

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-30697-TO5B.INSTALL **BORING/WELL NUMBER** OW-7

PROJECT NAME Omega Chemical **DATE DRILLED** 3/13/02

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
	7,7, 22	12						SILTY CLAY: brown (7.5YR4/3); very slightly plastic, firm, moist; 30% silt; no staining or odor.		
	12,17, 24	10								
0	10,17, 20,24	23				CL				
	18,20, 30	18			40					4" diameter, sch 40, mild steel blank (0-70.89 ft bgs).
	12,19, 22	18				ML		CLAYEY SILT: brown (7.5YR4/3); very slightly plastic, soft, moist; 35% clay; 5% very fine sand; no staining or odor.	41.5 43.0	
0	10,11, 16,30	18						SILTY CLAY: brown (7.5YR4/3); very slightly plastic, firm, moist, root structures filled with very light brown clay; 20% silt; trace coarse sand; no staining or odor.		
	5,7, 21	12			45					
	17,18, 20	18								
0	11,20, 22,23	18				CL				
	5,19, 20	16			50					Portland cement w/5% bentonite grout (2-60.6 ft bgs).
	16,22, 25	16								
0	14,27, 30,34	18						Increase in very light brown clay filling cracks.		
	17,20, 32	16			55				55.0	
	29,30, 57	15				CL		SILTY CLAY: brown (7.5YR4/3); very slightly plastic, firm, moist, root structures filled with very light brown clay; 20% silt; 5% gravel, 5 to 25 mm diameter, angular; trace coarse sand; no staining or odor. Sandy silt stringer at 57 feet bgs.		
0	12,18, 21,27	20				ML		SANDY SILT: brown (7.5YR5/4); nonplastic, soft, moist; 35% very fine sand, poorly graded, subrounded; very light brown clay filling fractures and other voids; no staining or odor.	58.0 60.5	
	13,17, 23	17			60			SILTY CLAY: brown (7.5YR4/3); very slightly plastic, firm, moist; 20% silt; fractures filled with very light brown clay; no staining or odor; silt and moisture content increase with depth.		
	16,18, 25	17								3/8" pressed, uncoated bentonite pellets (60.6-65 ft bgs).
0	5,7, 20,23	19				CL				
	10,19, 26	18			65					
	15,16, 23	18						SILTY CLAY: brown (7.5YR4/3); very slightly plastic, very firm, moist; 20% silt; minor very light brown clay in fractures; no staining or odor.	67.0	#2/12 Monterey sand (65-92.5 ft bgs).
0	4,16, 17,24	24				CL				
						SM			69.7	
	18,22, 29	18			70			SILTY SAND: brown (7.5YR5/4); 70% sand, very fine to coarse, well graded, subangular to subrounded; 25% silt; 5% gravel to 25 mm; no odor, moist.	70.2	4" diameter, 0.020", stainless steel, wire wrap screen (70.89-90.89 ft bgs).
	15,28, 30	18				CL		CLAY: brown (7.5YR4/3); moist; 15% silt; very light brown clay in minor fractures or root structures; trace gravel to 25 mm, angular to subangular; no staining or odor.		
0	16,20, 45,_	20								
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-30697-TO5B.INSTALL **BORING/WELL NUMBER** OW-7

PROJECT NAME Omega Chemical **DATE DRILLED** 3/13/02

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
	7,9, 11	18						SILTY CLAY: brown (7.5YR5/4); slightly plastic, moist; 25% silt; trace gravel to 25 mm; no staining or odor.		
	3,14, 16	18								
0	3,8, 14,21	23				CL		Vertical crack filled with sand and very light clay from 79 to 80 ft bgs.		
	11,17, 20	18			80					
	13,16, 27	17						Groundwater at 81 ft bgs, saturated sand and gravel lens.		4" diameter, 0.020", stainless steel, wire wrap screen (70.89-90.89 ft bgs).
0	8,14, 16,24	24				ML		SANDY CLAYEY SILT: brown (7.5YR4/3); nonplastic to very slightly plastic, saturated; 20% clay; 15% very fine sand; minor very light brown clay; no staining or odor.	82.5	
	6,14, 13	18			85			SANDY CLAYEY SILT: brown (7.5YR4/3); nonplastic, hard, moist; very minor very light brown clay in voids; no staining or odor. No water in this material.	84.0	
	10,16, 21	18				ML				#2/12 Monterey sand (65-92.5 ft bgs).
0	5,7, 10,12	20								
					90			Total Depth of 8-inch pilot hole is 90 ft bgs, no further samples collected.	90.0	
								Total depth of 10-inch borehole is 92 ft bgs.	92.0	

NEWGINT OMEGA.GPJ NEWGINT.GDT 5/20/02

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-30697-TO5B.INSTALL
PROJECT NAME Omega Chemical
LOCATION 12511 Putnam St, Whittier, CA
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA Split Spoon
GROUND ELEVATION 199.03
TOP OF CASING 198.42
LOGGED BY W.F. Grove
REMARKS

BORING/WELL NUMBER OW-8
DATE DRILLED 3/13/02
CASING TYPE/DIAMETER Sch 40, Mild Steel / 4"
SCREEN TYPE/SLOT 4" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE Monterey #2/12
GROUT TYPE/QUANTITY Portland Cement/5% Bentonite
STATIC WATER LEVEL (feet btoc) 65.00
GROUND WATER ELEVATION 133.42

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	DEPTH (ft. BGL)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
						CONCRETE is 7 inches thick.	0.6
						ROADBASE	1.0
					CL	SILTY CLAY: brown (7.5YR4/3); 70% clay with minor rock fragments to 3-inch diameter (probable fill), very slightly plastic, firm, hard to dig, moist; 30% silt; moist, no odor.	2.0
						SILT: light brown (7.5YR6/4); nonplastic, soft, moist to damp, no odor.	
	5,6, 7	18		5			
	3,4, 5	18			ML		
0	9,10, 11,12	23					
	8,10, 12	18		10			
	7,9, 11	17					
0	50,50	17					14.0
					CL	CLAY: brown (7.5YR4/2); very slightly plastic, hard, firm, no staining or odor.	15.0
	21,40, 50	17		15		SILTY CLAY: brown (7.5YR4/2); very slightly plastic, firm, moist; 30% silt; gravel/clay lens - trace gravel to 20 mm through out	
	17,21, 25	18			CL		
0	16,22, 25,30	23					
	12,17, 21	18		20			21.0
	13,18, 24	17				CLAY: brown (7.5YR4/2); very slightly plastic, hard, moist; less than 10% silt.	
2/0	22,29, 50,	18			CL		
	15,16, 20	17		25			26.0
					SW	SAND: brown (7.5YR4/3); fine to coarse, well graded, subangular to subrounded, moist; grading to very fine to fine, poorly graded, subrounded at 27 feet, no odor.	27.0
	15,22, 29	18			ML		28.0
4/0	18,20, 25,30	23				SILT: brown (7.5YR4/3); nonplastic, soft, no staining or odor.	
					CL	CLAY: brown (7.5YR4/3); very slightly plastic, hard; trace coarse sand to 5 mm; trace light brown clay in voids and cracks, no staining or odor.	
	41,50	14		30			30.5
	25,26, 31	18				SILTY CLAY: brown (7.5RY4/3); very slightly plastic, firm/hard, moist; 30% silt; trace coarse sand; no staining or odor.	
4/0	18,23, 26,30	18			CL		
				35			

Continued Next Page

WELL DIAGRAM:
- 4" diameter, sch 40, mild steel blank (0-60.38 ft bgs).
- Portland cement w/5% bentonite grout (2-51 ft bgs).

NEWGINT OMEGA.GPJ NEWGINT.GDT 5/20/02

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-30697-TO5B.INSTALL **BORING/WELL NUMBER** OW-8

PROJECT NAME Omega Chemical **DATE DRILLED** 3/13/02

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
	14,17, 22	18								
	16,19, 26	17							37.0	
	20,24, 29,40	20				ML		SILT: brown (7.5YR4/3); nonplastic to very slightly plastic, soft to medium; interbedded with 3-inch thick clay stringers.		
18/0	23,27, 41	18			40				40.0	4" diameter, sch 40, mild steel blank (0-60.38 ft bgs).
	20,25, 32	14				CL		SILTY CLAY: brown (7.5YR4/3); very slightly plastic, firm to hard, moist; trace gravel to 5 mm; no staining or odor.		
	22,25, 27,27	22							44.5	
10/0	8,12, 15	17			45	ML		SILT: brown (7.5YR4/3); nonplastic, medium soft, moist; trace clay; no staining or odor.		Portland cement w/5% bentonite grout (2-51 ft bgs).
	12,15, 21	16							47.0	
	19,23, 26,28	20						SANDY SILT: light brown (7.5YR6/4); soft, moist; 35% very fine sand, poorly graded, subrounded; no staining or odor.		
18/2	17,21, 27	17			50	ML				
	15,20, 24	17								3/8" pressed, uncoated bentonite pellets (60.6-65 ft bgs).
4/2	29,50, 50,	18							54.0	
	19,24, 28	16			55			SAND: light brown (7.5YR6/4); clean sand, very fine to fine, poorly graded, subrounded, moist, no staining or odor.		
	17,20, 25	14								
4/2	50,50	12				SP				
	37,50	12			60					#2/12 Monterey sand (55-81 ft bgs).
	42,50	14								
2/0	50,50	12				SP		SAND: light brown (7.5YR6/4); clean sand, very fine to medium, poorly graded, subrounded, moist, no staining or odor.	63.0	
	29,50	15			65			SAND: light brown (7.5YR6/4); clean sand, very fine to medium, poorly graded, subrounded, saturated, no staining or odor. Groundwater encountered at 65 ft bgs.	65.0	
	28,50	14								
28/0	18,21, 25,30	22				SP				
	20,23, 28	16			70					4" diameter, 0.020", stainless steel, wire wrap screen (60.38-79.98 ft bgs).
	15,19, 22	15							72.0	
4/0	13,15, 19,22	24				SW		SAND: light brown (7.5YR6/4); fine to coarse, well graded, subangular to subrounded, saturated; no staining or odor. Sand heaving at 75 ft bgs.		
					75				75.0	

Continued Next Page

NEWGINT OMEGA.GPJ NEWGINT.GDT 5/20/02

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-30697-TO5B.INSTALL **BORING/WELL NUMBER** OW-8

PROJECT NAME Omega Chemical **DATE DRILLED** 3/13/02

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
	50	18				SW		SAND: light brown (7.5YR6/4); medium to coarse, minor fine, well graded, subangular to subrounded, saturated.		
	50	18								
2/0	50	10				ML		SANDY SILT: brown (7.5YR4/3); nonplastic, firm, moist; 25-30% very fine sand; 5% gravel to 10 mm; light brown clay filling cracks and fractures.	78.0	
					80				80.0	
								Total Depth of 8-inch pilot hole is 80 ft bgs, no further samples collected.	81.0	
								Total Depth of 10-inch borehole is 81 ft bgs.		

4" diameter, 0.020", stainless steel, wire wrap screen (60.38-79.98 ft bgs).

NEWGINT OMEGA.GPJ NEWGINT.GDT 5/20/02

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a
PROJECT NAME Omega Chemical
LOCATION 12511 Putnam St, Whittier, CA
DRILLING METHOD Mud Rotary
SAMPLING METHOD Mud Rotary Cuttings
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY W.F. Grove

BORING/WELL NUMBER OW-8B
DATE DRILLED 8/16/04
CASING TYPE/DIAMETER Sch 40, PVC / 4"
SCREEN TYPE/SLOT 4" Stainless Steel Wire Wrap / 0.020"
GRAVEL PACK TYPE Monterey #2/12
GROUT TYPE/QUANTITY Portland Cement/5% Bentonite
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

REMARKS The lithology at OW-08 (10' north), was used from 0-71'. The geophysical log and cuttings were used from 71' to the total depth of 143'.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	DEPTH (ft. bgs)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
						CONCRETE is 7 inches thick.	0.6
						ROADBASE	1.0
					CL	SILTY CLAY: brown (7.5YR4/3); 70% clay with minor rock fragments to 3-inch diameter (probable fill), very slightly plastic, firm, hard to dig, moist; 30% silt; moist, no odor.	2.0
						SILT: light brown (7.5YR6/4); nonplastic, soft, moist to damp, no odor.	
	5,6, 7	18		5			
	3,4, 5	18			ML		
0	9,10, 11,12	23					
	8,10, 12	18		10			
	7,9, 11	17					
0	50,50	17					14.0
					CL	CLAY: brown (7.5YR4/2); very slightly plastic, hard, firm, no staining or odor.	15.0
	21,40, 50	17		15		SILTY CLAY: brown (7.5YR4/2); very slightly plastic, firm, moist; 30% silt; gravel/clay lens - trace gravel to 20 mm through out	
	17,21, 25	18					
0	16,22, 25,30	23			CL		
	12,17, 21	18		20			21.0
	13,18, 24	17				CLAY: brown (7.5YR4/2); very slightly plastic, hard, moist; less than 10% silt.	
2/0	22,29, 50,	18			CL		
	15,16, 20	17		25			26.0
					SW	SAND: brown (7.5YR4/3); fine to coarse, well graded, subangular to subrounded, moist; grading to very fine to fine, poorly graded, subrounded at 27 feet, no odor.	27.0
	15,22, 29	18			ML		28.0
4/0	18,20, 25,30	23			CL	SILT: brown (7.5YR4/3); nonplastic, soft, no staining or odor.	
	41,50	14		30		CLAY: brown (7.5YR4/3); very slightly plastic, hard; trace coarse sand to 5 mm; trace light brown clay in voids and cracks, no staining or odor.	30.5
	25,26, 31	18				SILTY CLAY: brown (7.5RY4/3); very slightly plastic, firm/hard, moist; 30% silt; trace coarse sand; no staining or odor.	
4/0	18,23, 26,30	18			CL		
				35			

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WELL DIAGRAM
- Concrete (0-2 ft bgs)
- 12" x 3/8" mild steel conductor casing (0-91.4 ft bgs)
- 4" sch 40 pvc, blank casing (0-116 ft bgs)
- Portland cement w/ 5% bentonite gel grout (2 - 110 ft bgs)

NEWGINT OMEGA.GPJ NEWGINT.GDT 12/15/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 0500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** OW-8B

PROJECT NAME Omega Chemical **DATE DRILLED** 8/16/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
	14,17, 22	18								
	16,19, 26	17							37.0	
	20,24, 29,40	20				ML		SILT: brown (7.5YR4/3); nonplastic to very slightly plastic, soft to medium; interbedded with 3-inch thick clay stringers.		
					40				40.0	
18/0	23,27, 41	18						SILTY CLAY: brown (7.5YR4/3); very slightly plastic, firm to hard, moist; trace gravel to 5 mm; no staining or odor.		
	20,25, 32	14				CL				
	22,25, 27,27	22							44.5	
10/0	8,12, 15	17			45	ML		SILT: brown (7.5YR4/3); nonplastic, medium soft, moist; trace clay; no staining or odor.		12" x 3/8" mild steel conductor casing (0-91.4 ft bgs)
	12,15, 21	16							47.0	
	19,23, 26,28	20						SANDY SILT: light brown (7.5YR6/4); soft, moist; 35% very fine sand, poorly graded, subrounded; no staining or odor.		
18/2	17,21, 27	17			50	ML				4" sch 40 pvc, blank casing (0-116 ft bgs)
	15,20, 24	17								
4/2	29,50, 50,	18							54.0	
	19,24, 28	16			55			SAND: light brown (7.5YR6/4); clean sand, very fine to fine, poorly graded, subrounded, moist, no staining or odor.		Portland cement w/ 5% bentonite gel grout (2 - 110 ft bgs)
	17,20, 25	14								
4/2	50,50	12				SP				
	37,50	12			60					
	42,50	14								
									63.0	
2/0	50,50	12				SP		SAND: light brown (7.5YR6/4); clean sand, very fine to medium, poorly graded, subrounded, moist, no staining or odor.		
					65				65.0	
	29,50	15				SP		SAND: light brown (7.5YR6/4); clean sand, very fine to medium, poorly graded, subrounded, saturated, no staining or odor. Groundwater encountered at 65 ft bgs.		
	28,50	14								
28/0	18,21, 25,30	22								
	20,23, 28	16			70			The lithology above 71 feet is from soil boring OW-8 from split spoon sampling. The lithology below 71 feet is from OW-8B, a mud rotary hole.		
									71.0	
				G		CL		CLAY AND SILT: yellowish brown; 70% clay; 30% silt; high plasticity, high density, moist, no odor.		
					75				75.0	

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NEWGINT OMEGA.GPJ NEWGINT.GDT 12/15/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** OW-8B

PROJECT NAME Omega Chemical **DATE DRILLED** 8/16/04

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						CL		CLAY AND SILT: yellowish brown; 70% clay; 30% silt; high plasticity, high density, moist, no odor.		
									78.0	
						ML		SANDY SILT: yellowish brown; 50% silt; 30% sand, fine grained, subround to round; 10% gravel, fine to coarse grained, subround to round; 10% clay; medium density, moist, no odor.	79.0	
						SM			80.0	Portland cement w/ 5% bentonite gel grout (2 - 110 ft bgs)
					80	GM		SILTY SAND WITH GRAVEL: yellowish brown; 50% sand, fine to coarse grained, subround to round, well graded; 20% silt; 20% gravel, fine to coarse grained, subround to round, well graded; 10% clay; moist to wet, no odor.		
								SILTY GRAVEL WITH SAND: brown; 40% gravel, fine to coarse grained, subround to round, well graded; 30% sand, fine to coarse grained, round to subround, well graded; 30% silt; trace of cobbles, maximum diameter of 6 inches; high density, moist, no odor.		4" sch 40 pvc, blank casing (0-116 ft bgs)
					85				87.0	
						CL		CLAY WITH SAND: brown; 85% clay, medium plasticity; 15% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.		
					90				92.0	12" x 3/8" mild steel conductor casing (0-91.4 ft bgs)
				G	95	CH		CLAY: brown; 95% clay, medium to high plasticity; 5% sand, poorly graded, medium, subangular to subrounded; trace silt.		
					100				102.0	
						CL		CLAY: brown; 80% clay, 10% silt, medium plasticity; 10% sand, poorly graded, fine to medium, subangular to subrounded.		
					105				108.0	
						CH		CLAY: brown; 95% clay, high plasticity; 5% sand, poorly graded, fine to medium, subangular to subrounded.	110.0	
					110	CL		CLAY WITH SAND: brown; 85% clay, medium plasticity; 15% sand, poorly graded, fine to medium, subangular to subrounded; trace silt.		Plaster sand (110-111.3 ft bgs)
									113.0	
						ML		SANDY SILT: brown; 55% silt, 10% clay, low plasticity; 35% sand, fine to medium, subangular to subrounded.		
					115				115.0	

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NEWGINT OMEGA.GPJ NEWGINT.GDT 12/15/04

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T1.GW.Phase1a **BORING/WELL NUMBER** OW-8B

PROJECT NAME Omega Chemical **DATE DRILLED** 8/16/04

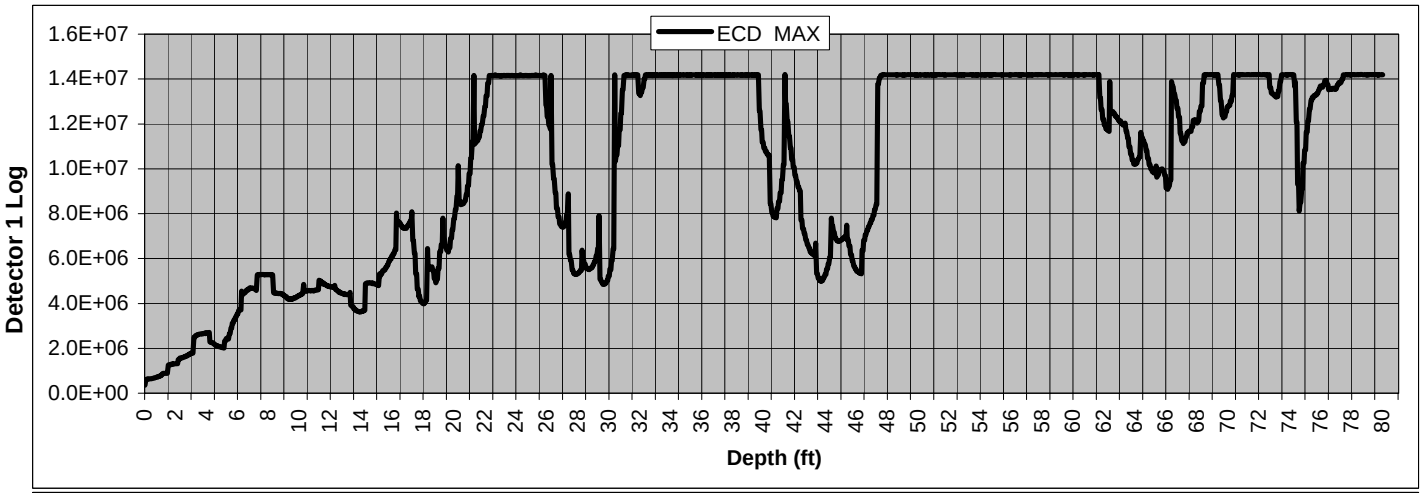
Continued from Previous Page

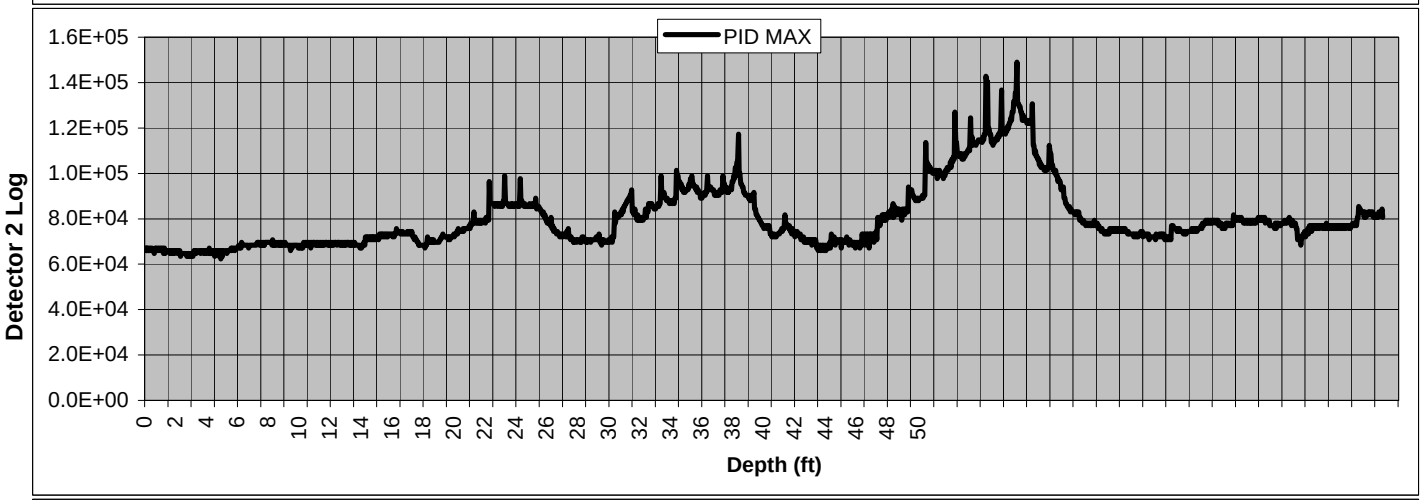
PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SANDY SILT: brown; 55% silt, 10% clay, low plasticity; 35% sand, fine to medium, subangular to subrounded.		No. 2/12 Monterey sand (111.3 - 128 feet bgs)
									119.0	
					120	SM		SILTY SAND: light brown and brown; 80% sand, poorly graded, fine to medium, subangular to rounded; 20% silt, nonplastic.		4" stainless steel, 0.010" wire wrap screen (116 - 126 ft bgs)
									122.0	
								SAND WITH SILT: light brown; 95% sand, poorly graded, fine to medium, mostly fine, subangular to rounded; 5% silt, nonplastic.		
					125	SP SM				
				G					129.0	
					130	CL		CLAY: light brown; 90% clay, medium plasticity; 10% sand.	131.0	
						SP SM		SAND WITH SILT: light brown; 95% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded; 5% silt, nonplastic.	132.0	
						CL		CLAY: light brown; 90% clay, medium plasticity; 10% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.		
					135				135.0	Hydrated bentonite chips (128 - 143 ft bgs)
						SP		SAND: light brown; 100% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.		
					140				140.0	
						CL		CLAY: light brown; 90% clay, medium plasticity; 10% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.	141.0	
						SP		SAND: light brown; 100% sand, poorly graded, fine to medium, mostly fine, subangular to subrounded.	143.0	
								Total depth is 143 feet bgs.		

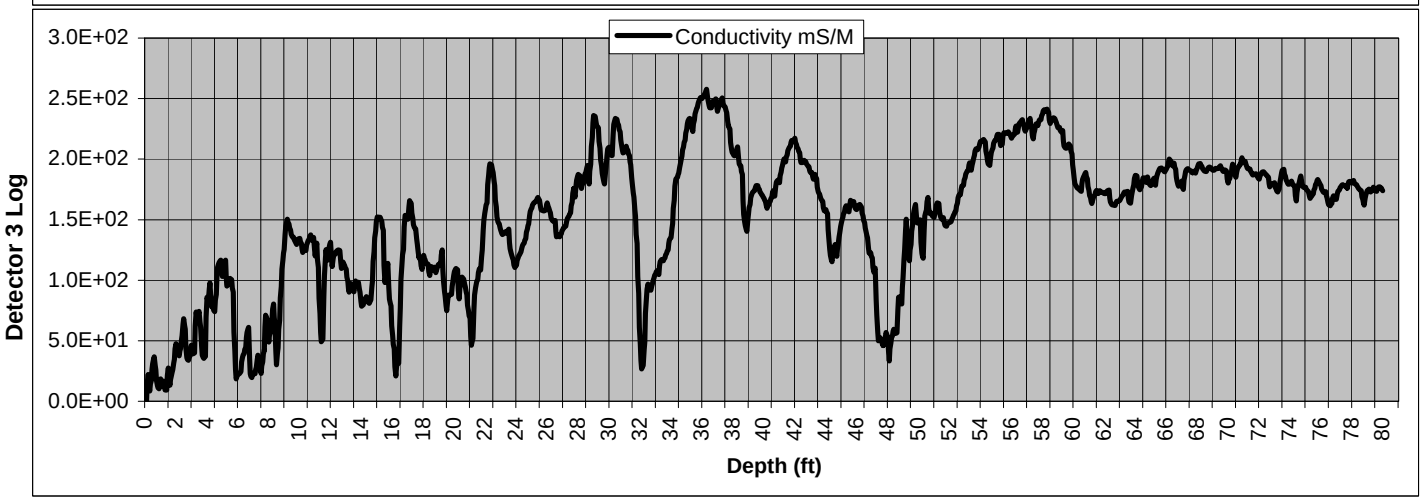
NEWGINT OMEGA.GPJ NEWGINT.GDT 12/15/04

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-1	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 26 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	12:08	Detector 3 :	Electrical Conductance (EC)

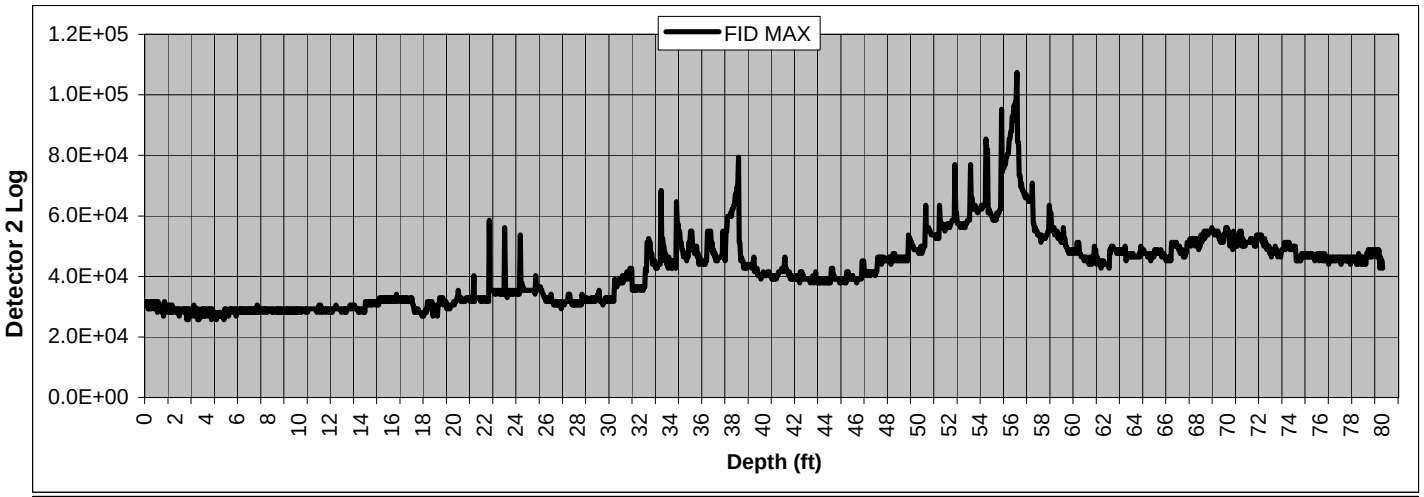


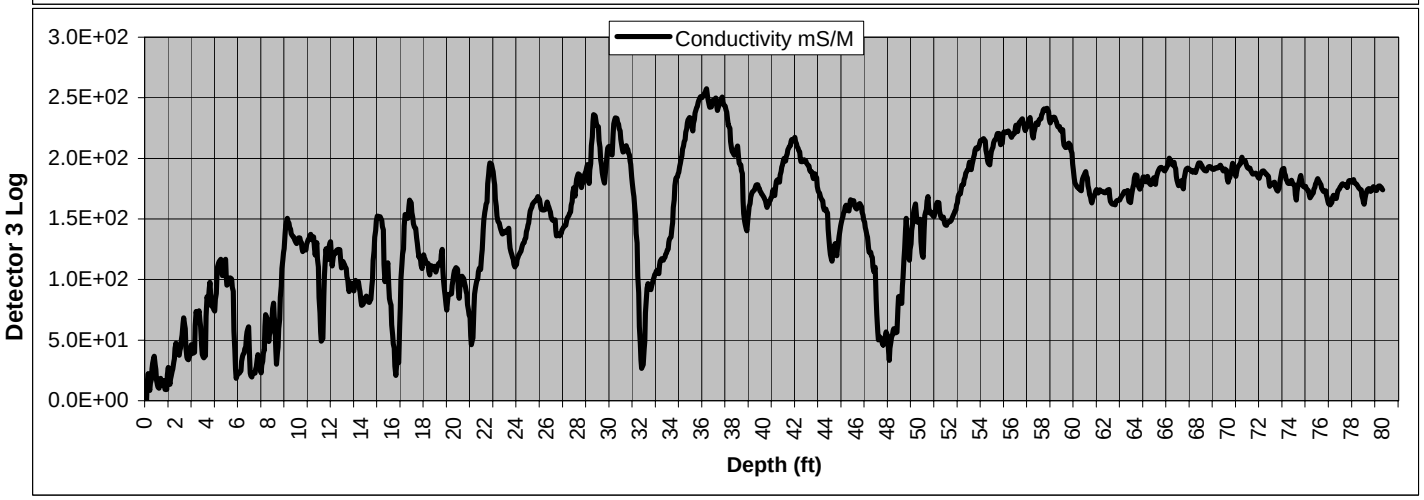




MIP Log Results by Boring - Detector Reading vs. Depth

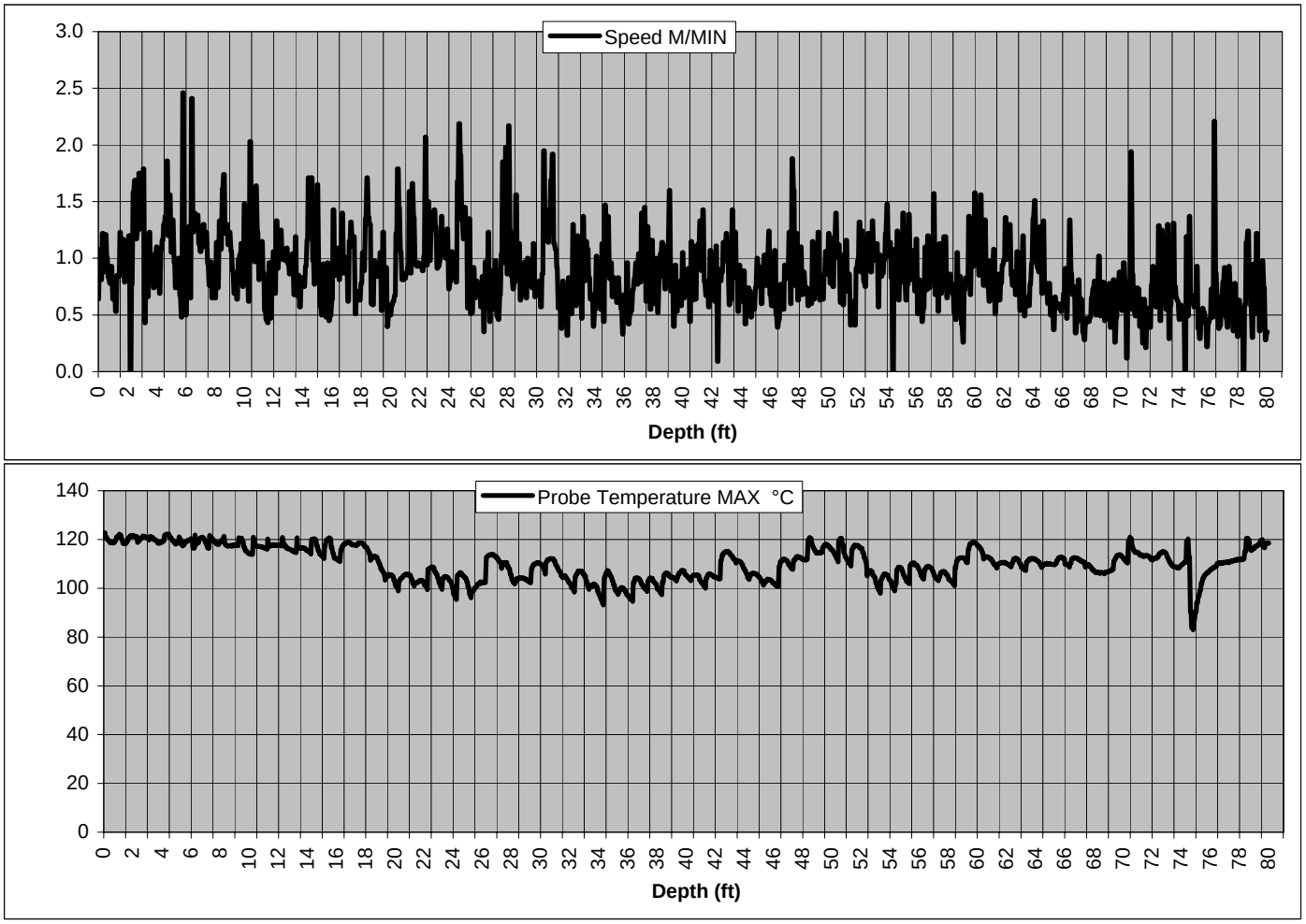
Client:	0	Boring I.D.:	MIP-1	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 26 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	12:08		





MIP Log Results by Boring - Detector Reading vs. Depth

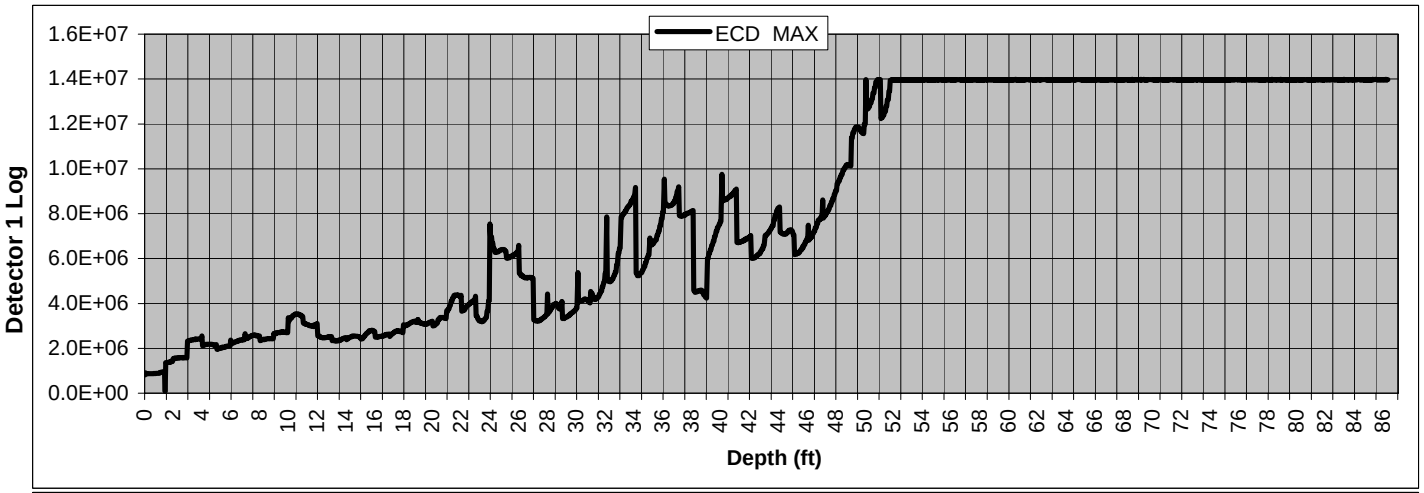
Client:	0	Boring I.D.:	MIP-1	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 26 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	12:08		

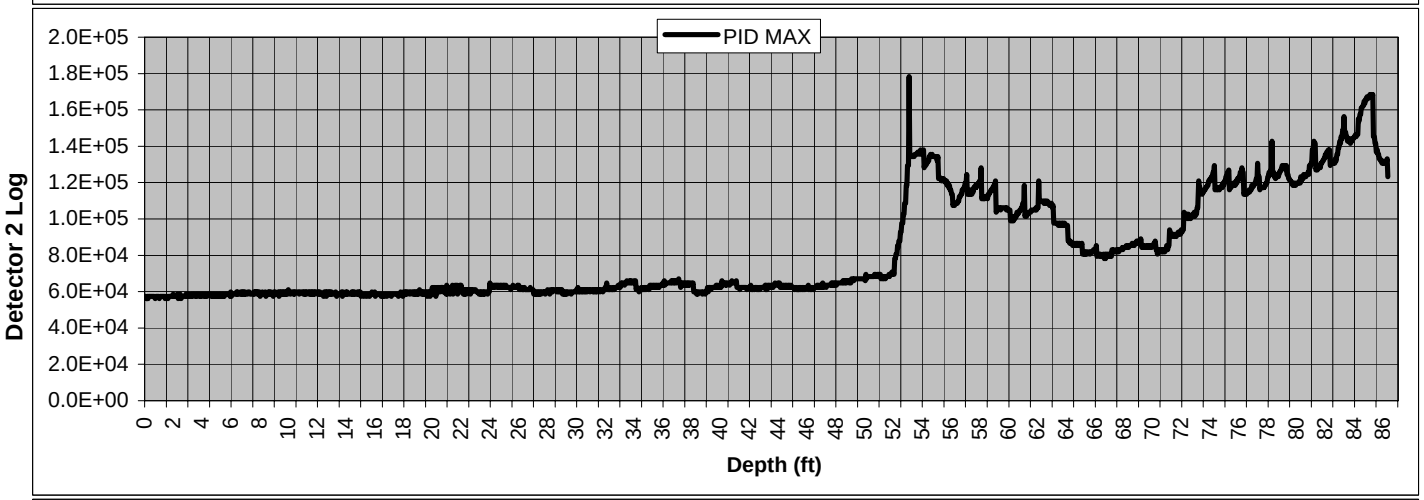


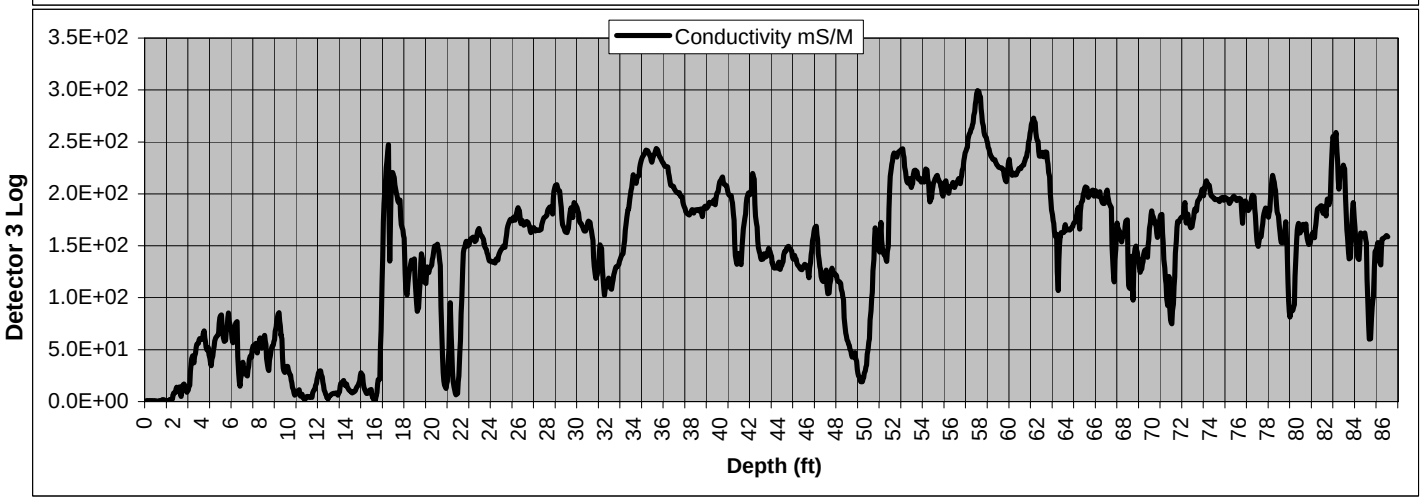
Explanation: Rod broken during removal. MIP probe lost.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-2	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 27 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	14:35	Detector 3 :	Electrical Conductance (EC)

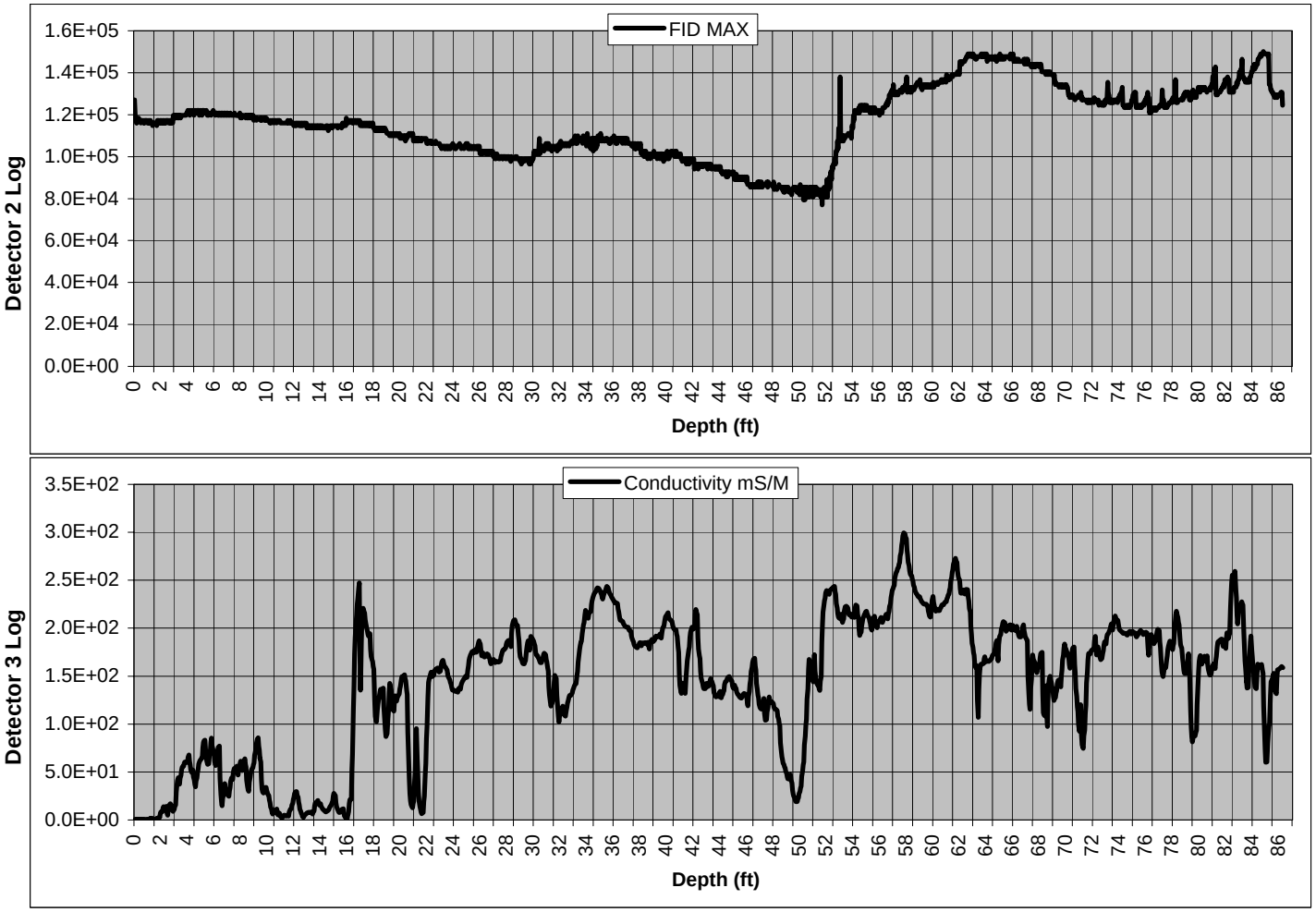






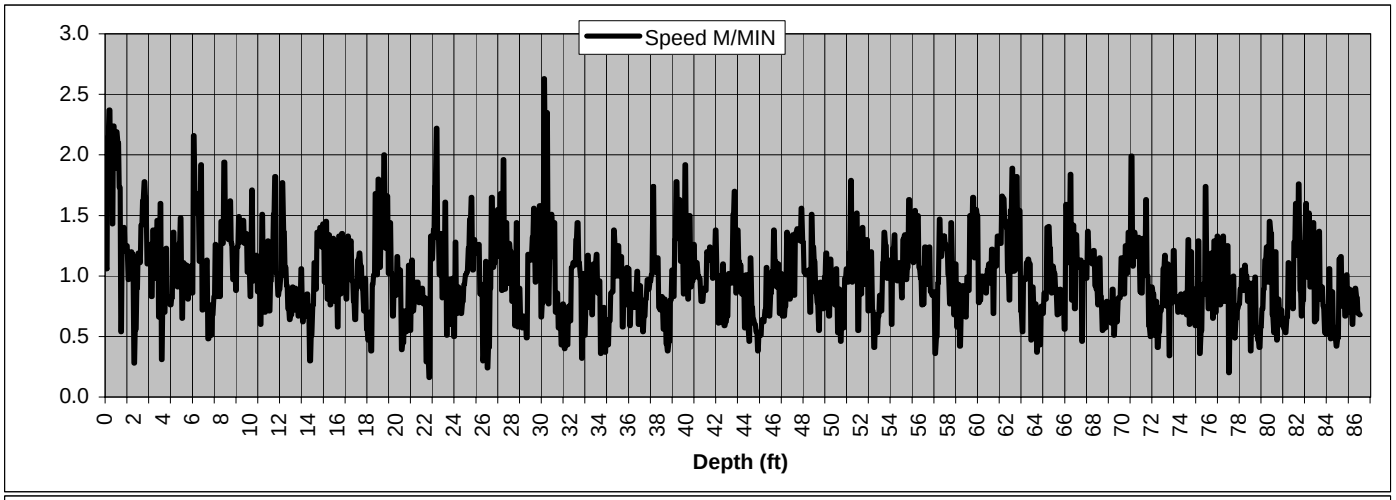
MIP Log Results by Boring - Detector Reading vs. Depth

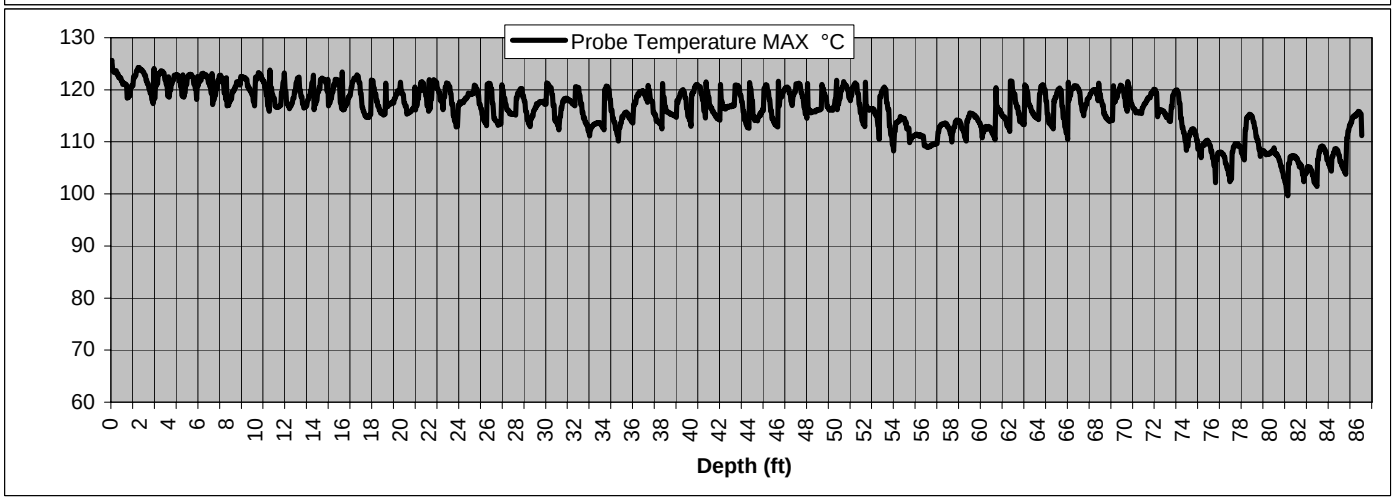
Client:	0	Boring I.D.:	MIP-2	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 27 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	14:35		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-2	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 27 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	14:35		

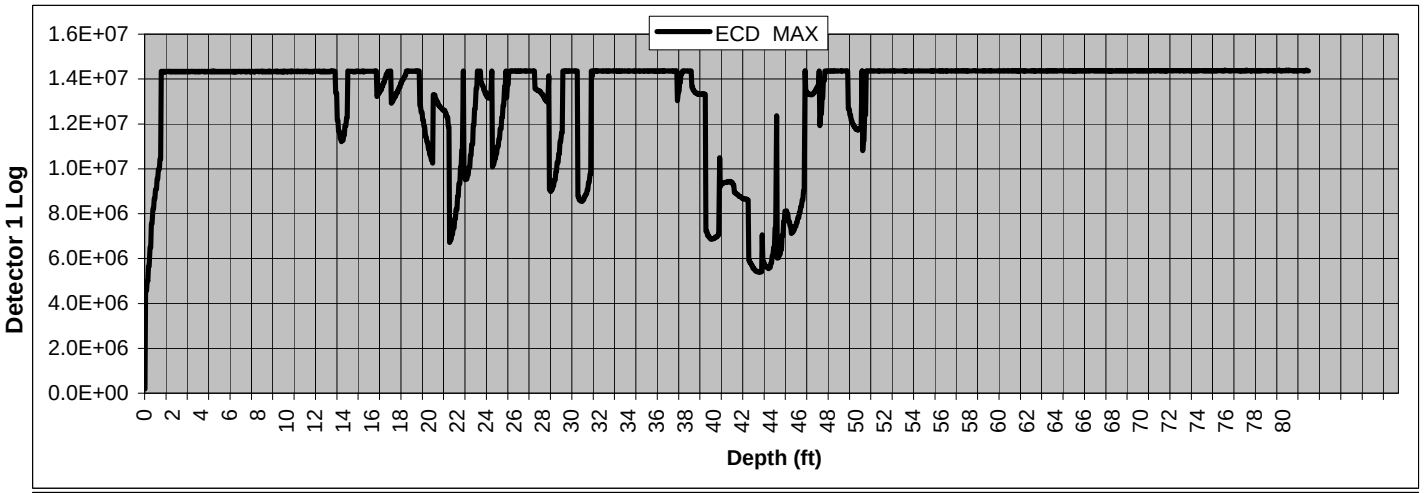


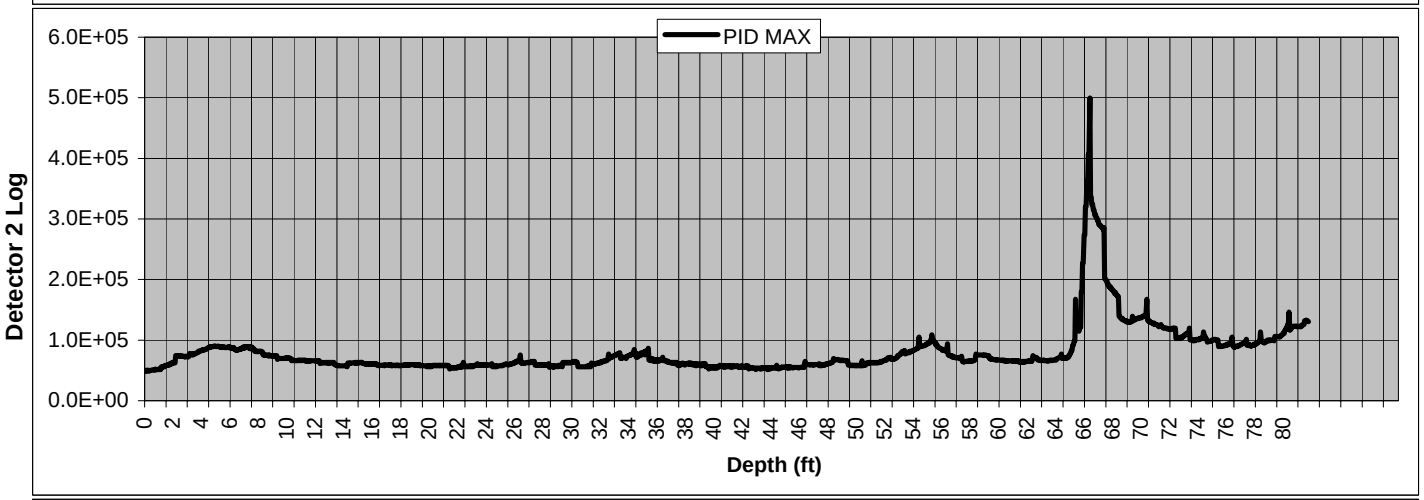


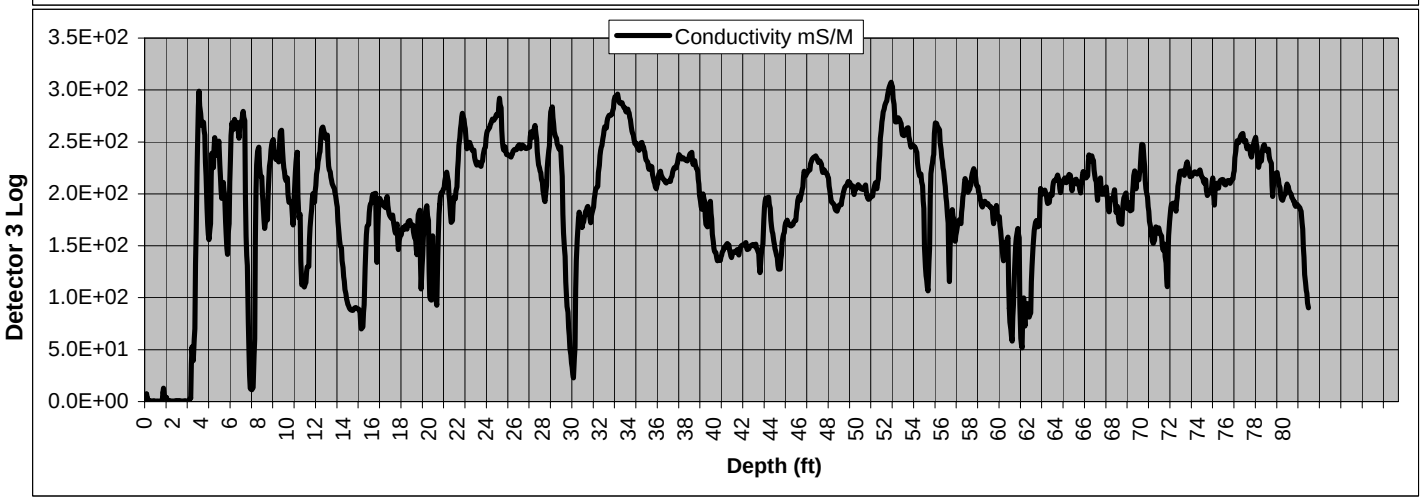
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-3	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 29 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	09:22	Detector 3 :	Electrical Conductance (EC)

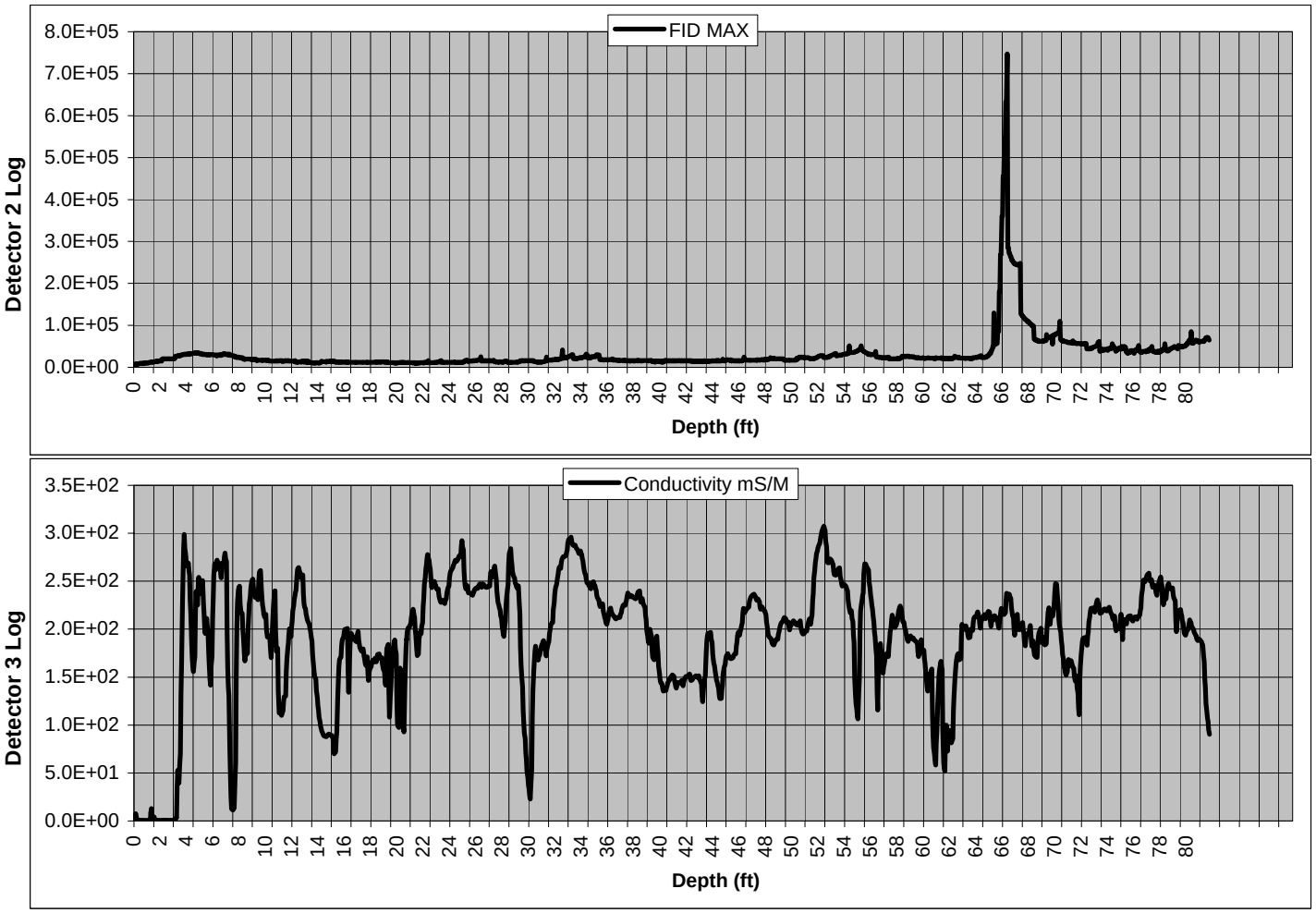






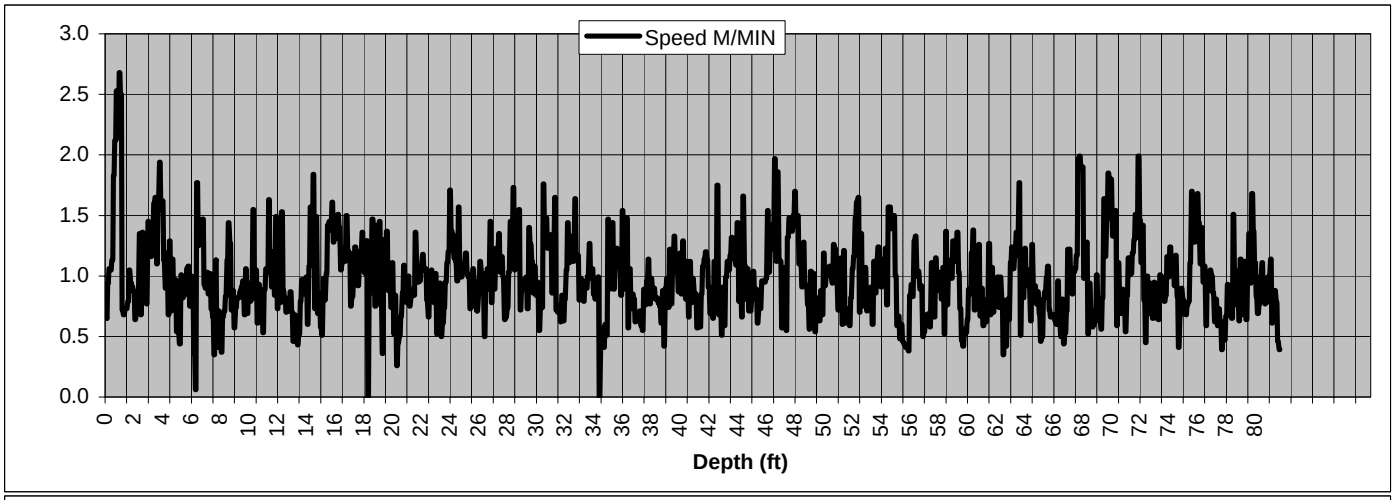
MIP Log Results by Boring - Detector Reading vs. Depth

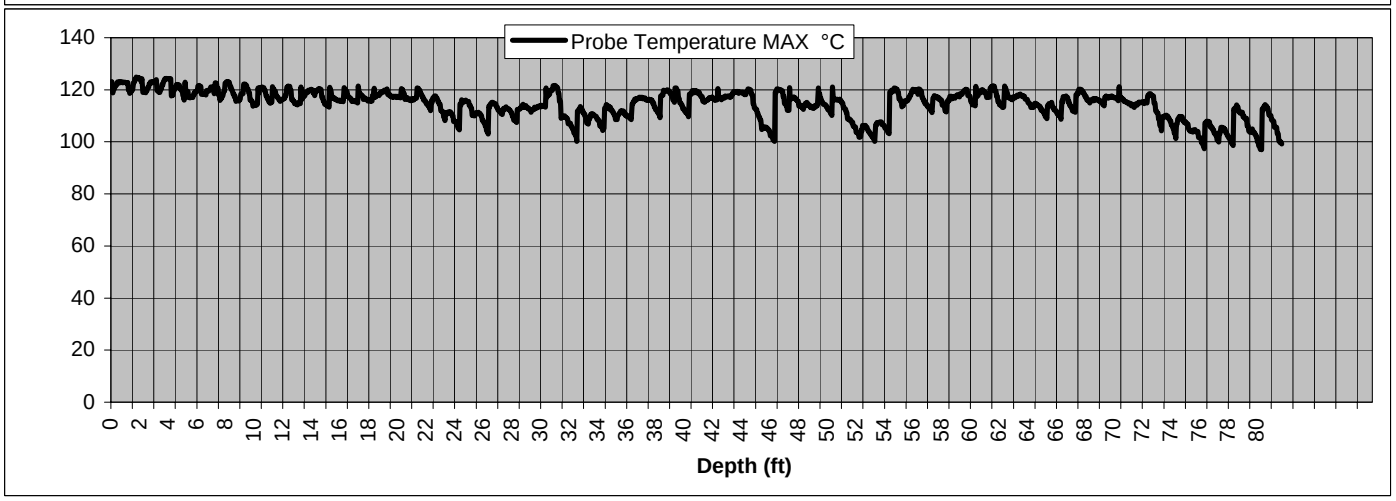
Client:	0	Boring I.D.:	MIP-3	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 29 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	09:22		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-3	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 29 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	09:22		

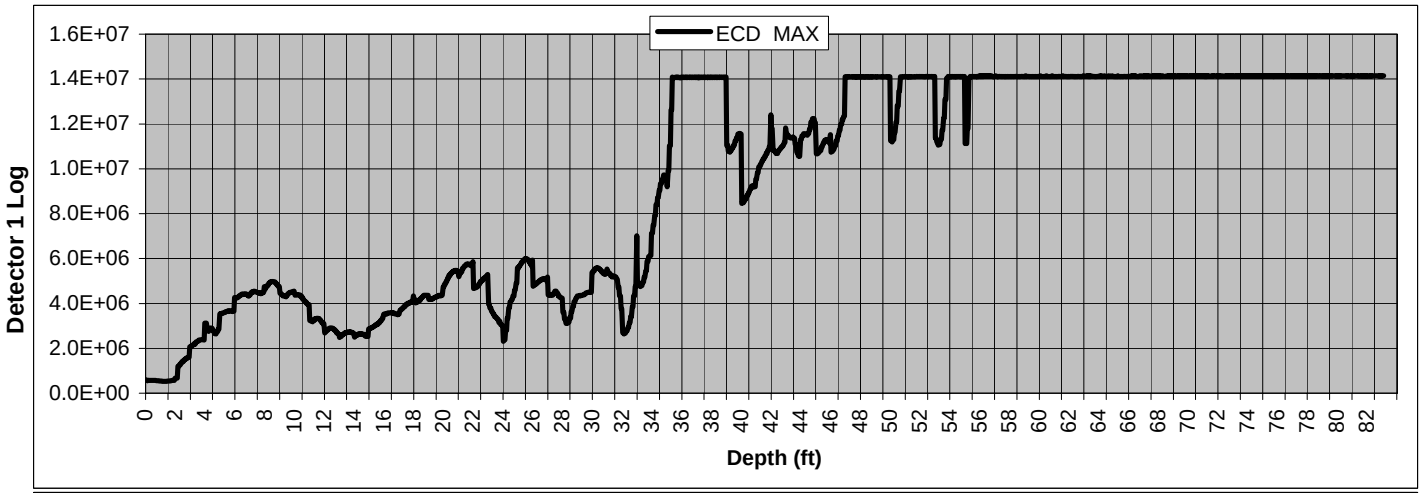


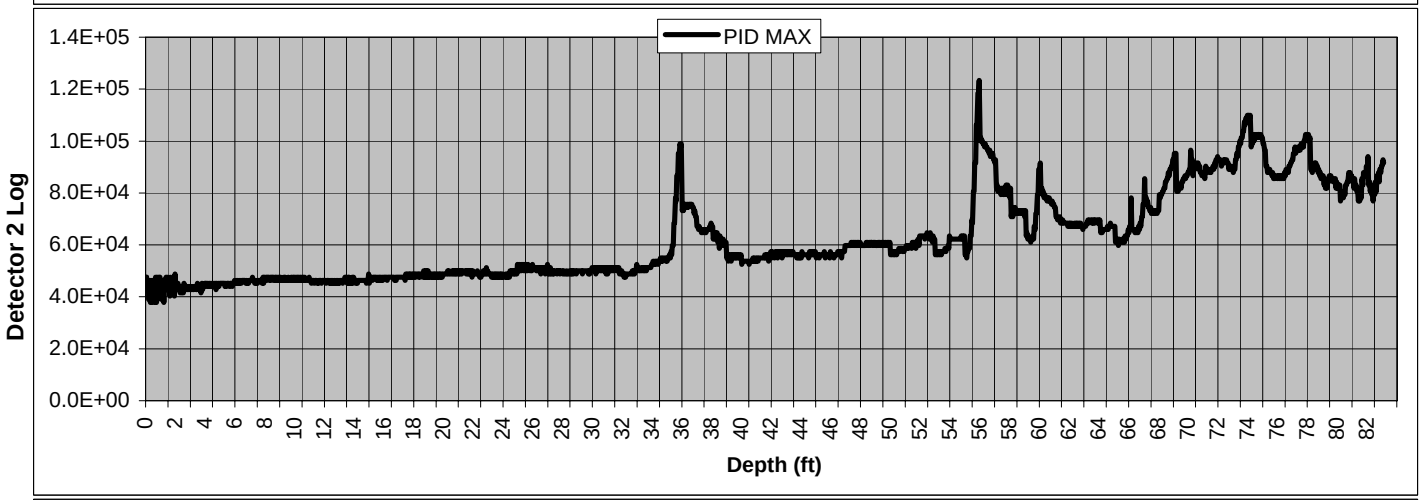


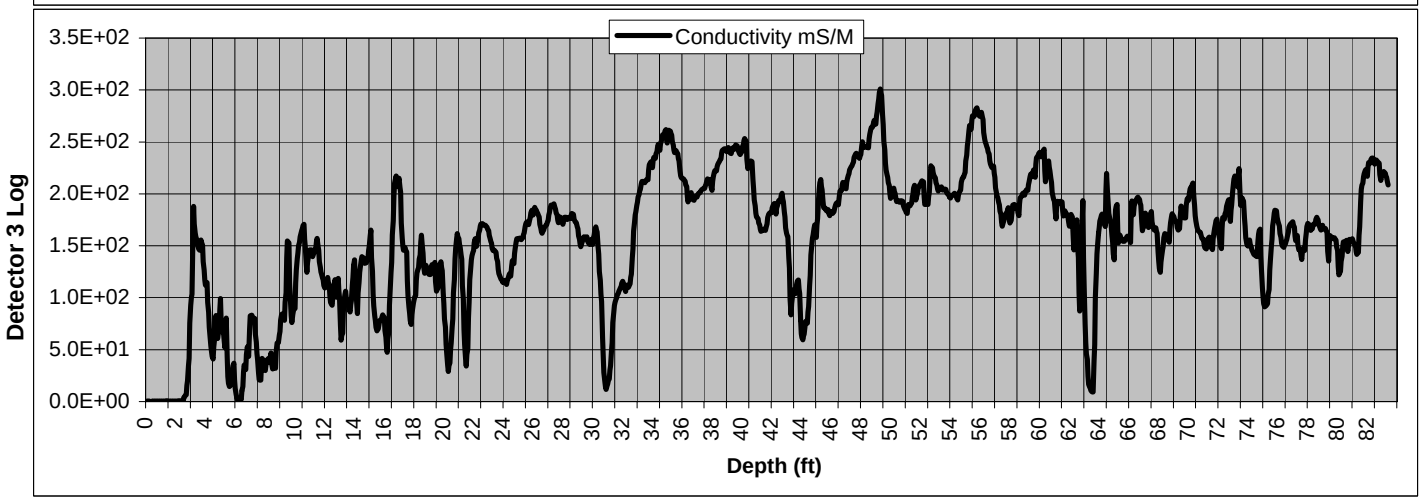
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-4	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	06:32	Detector 3 :	Electrical Conductance (EC)

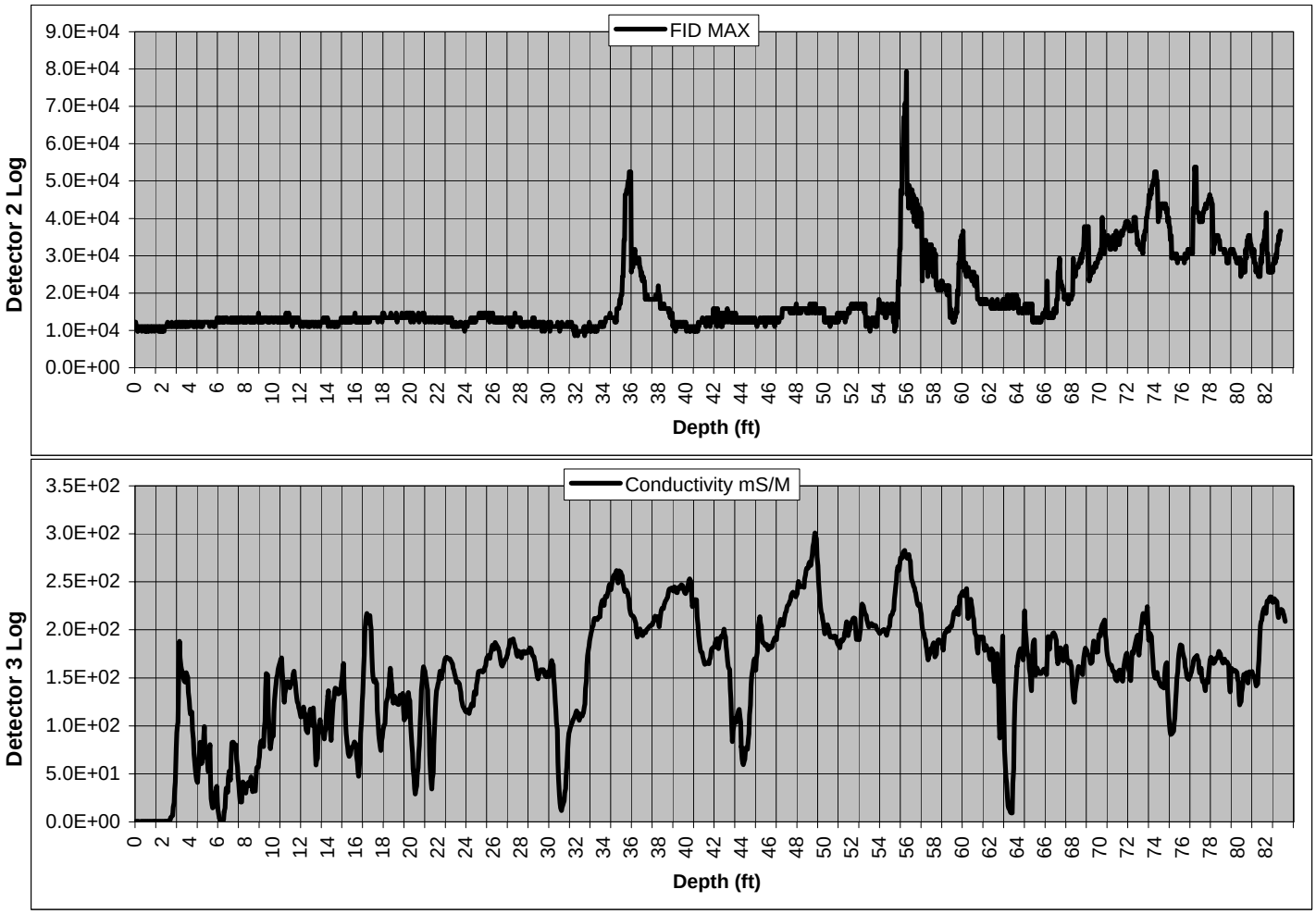






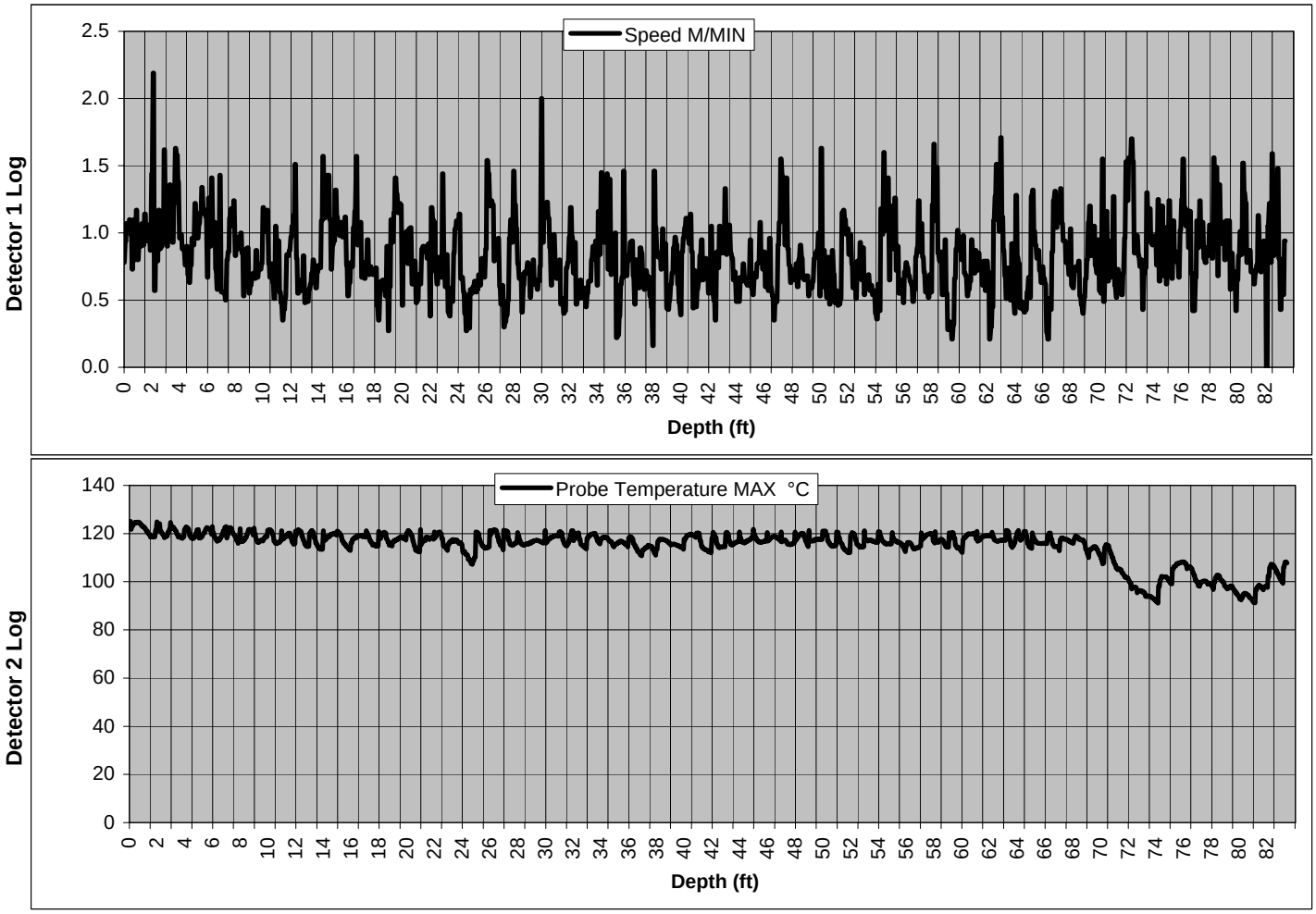
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-4	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	06:32		



MIP Log Results by Boring - Detector Reading vs. Depth

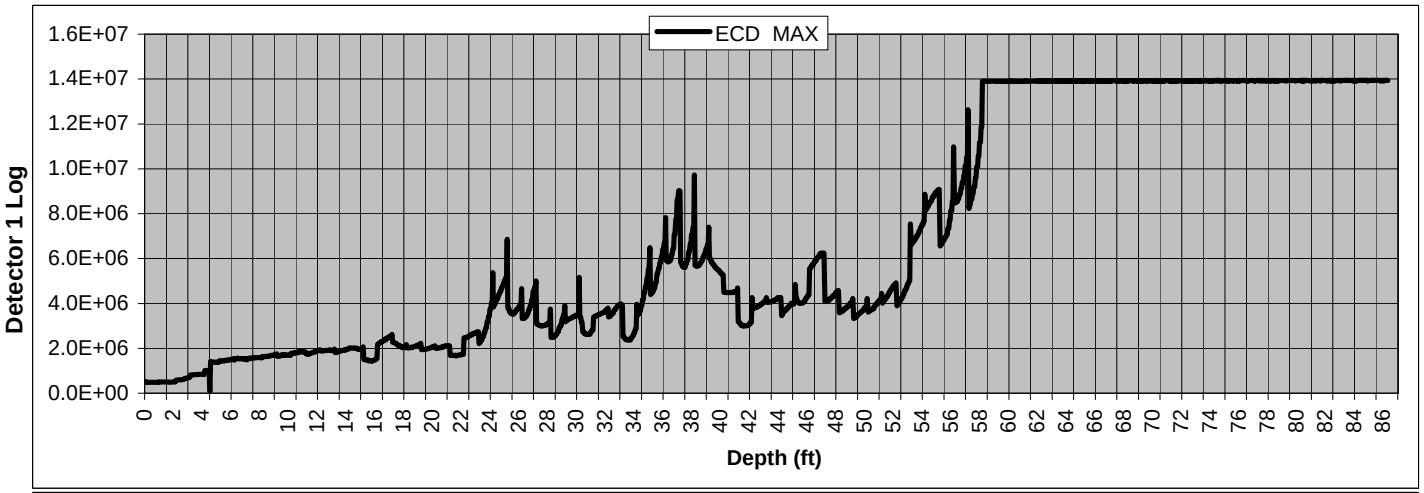
Client:	0	Boring I.D.:	MIP-4	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	06:32		

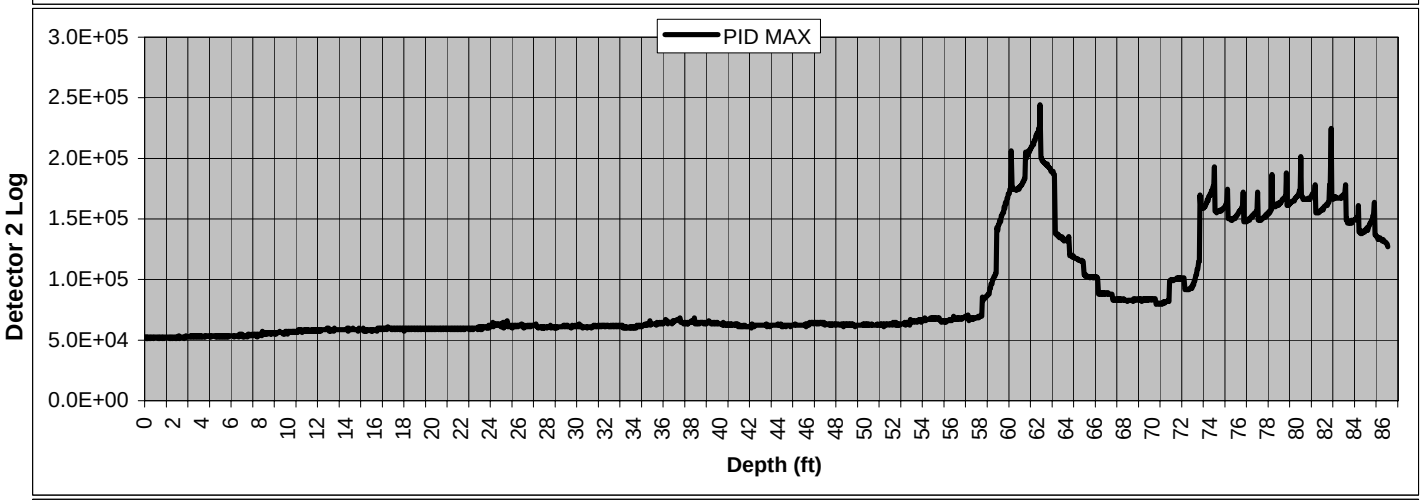


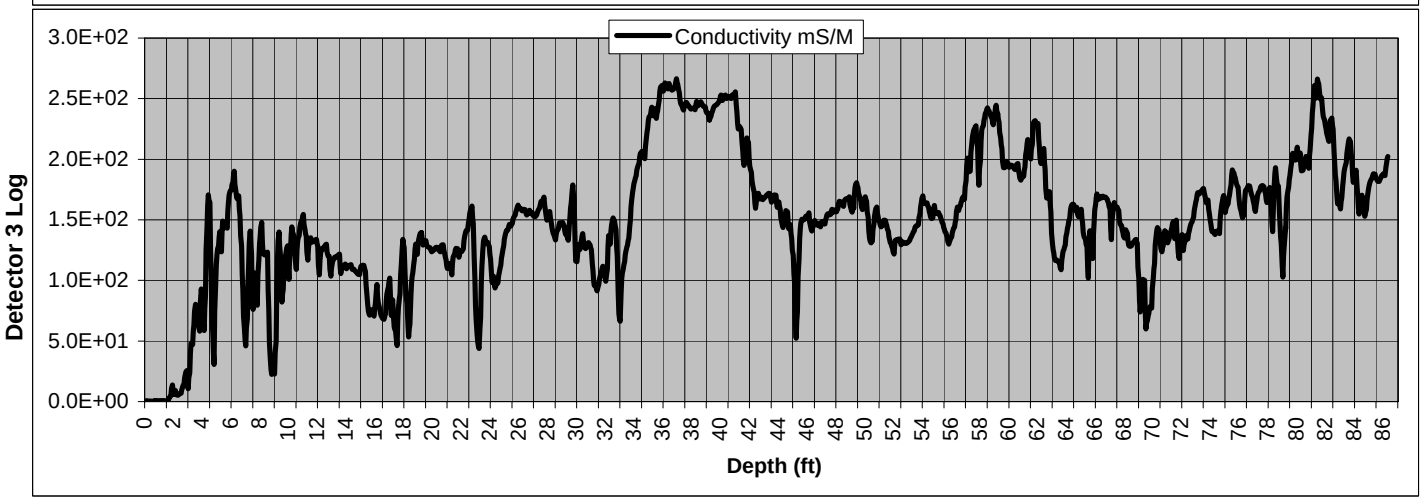
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-5	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 27 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	11:13	Detector 3 :	Electrical Conductance (EC)

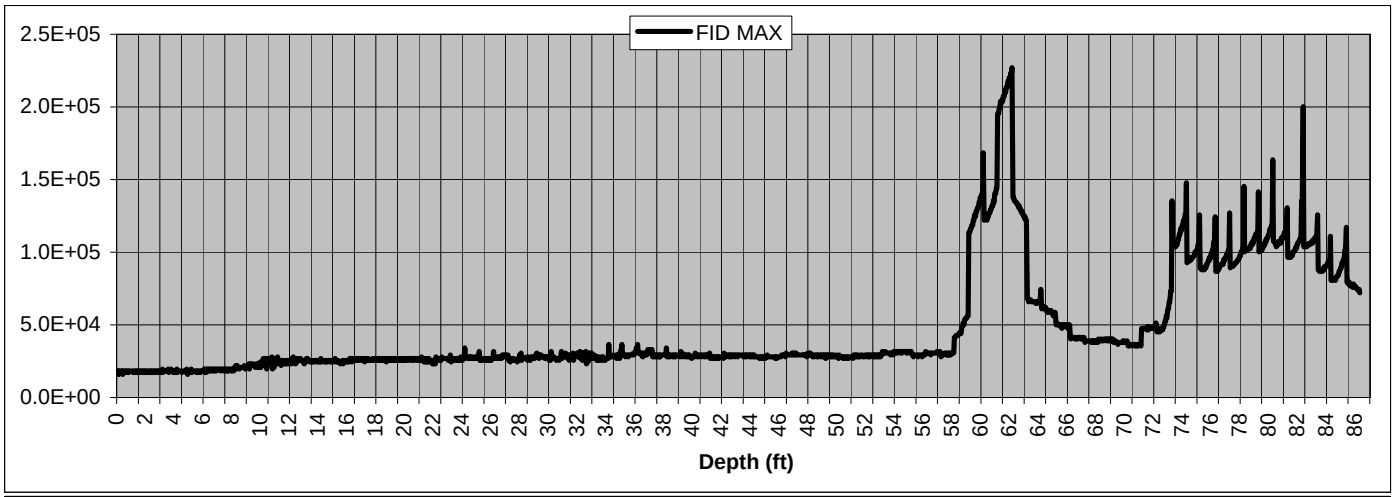


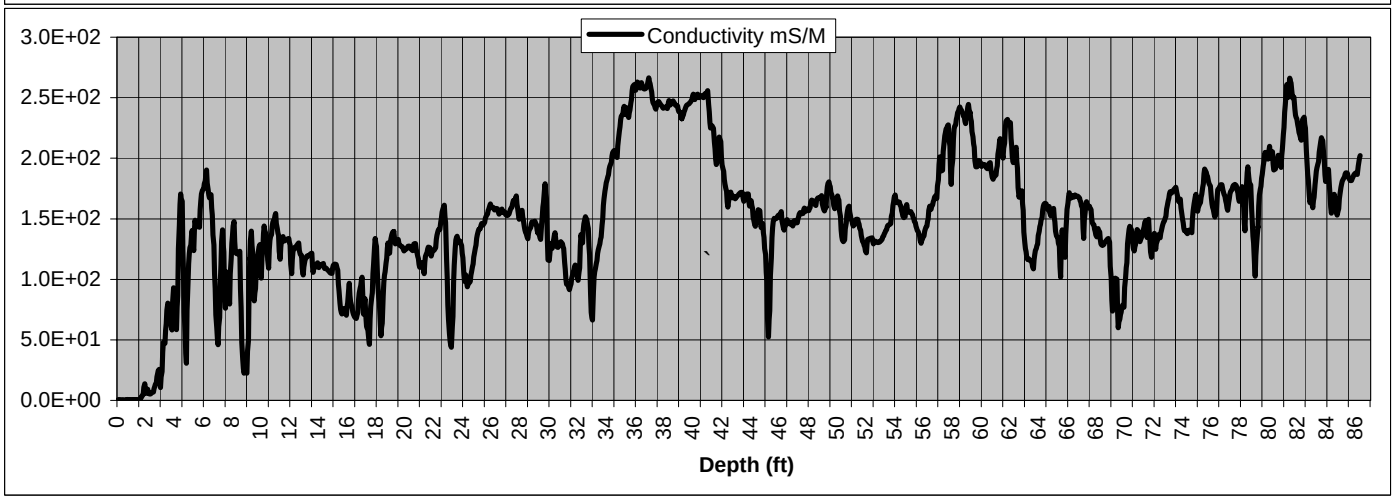




MIP Log Results by Boring - Detector Reading vs. Depth

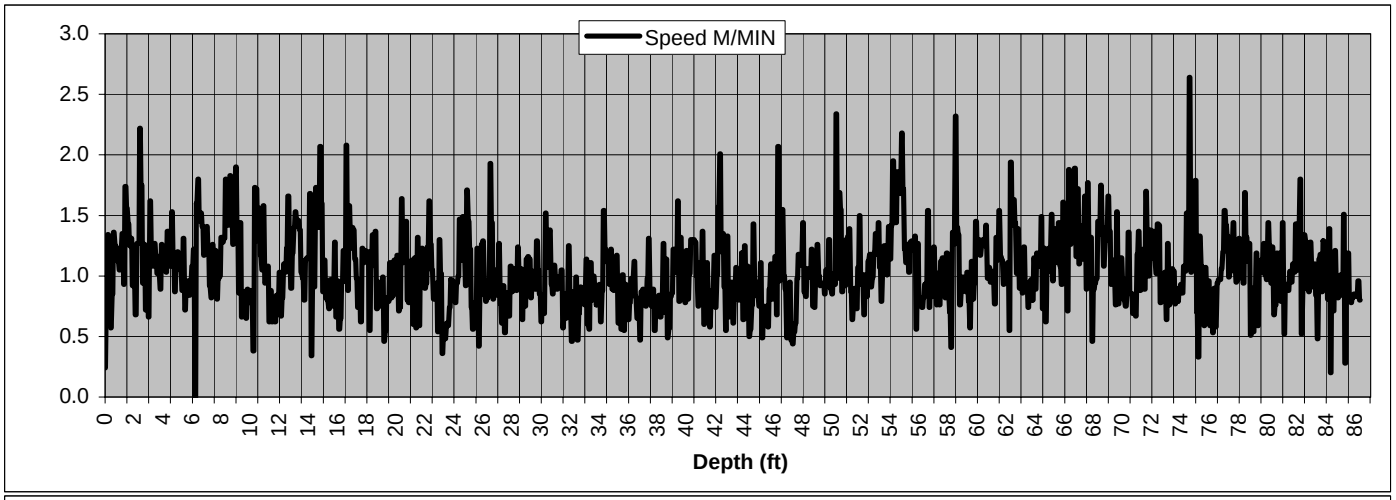
Client:	CDM	Boring I.D.:	MIP-5	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 27 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	11:13		

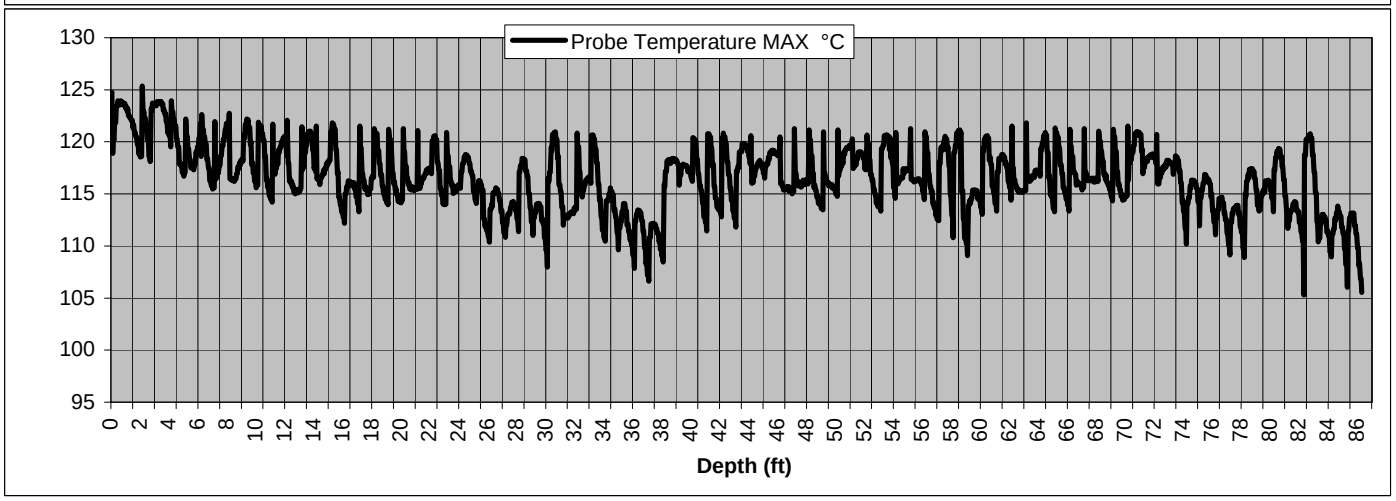




MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-5	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 27 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	11:13		

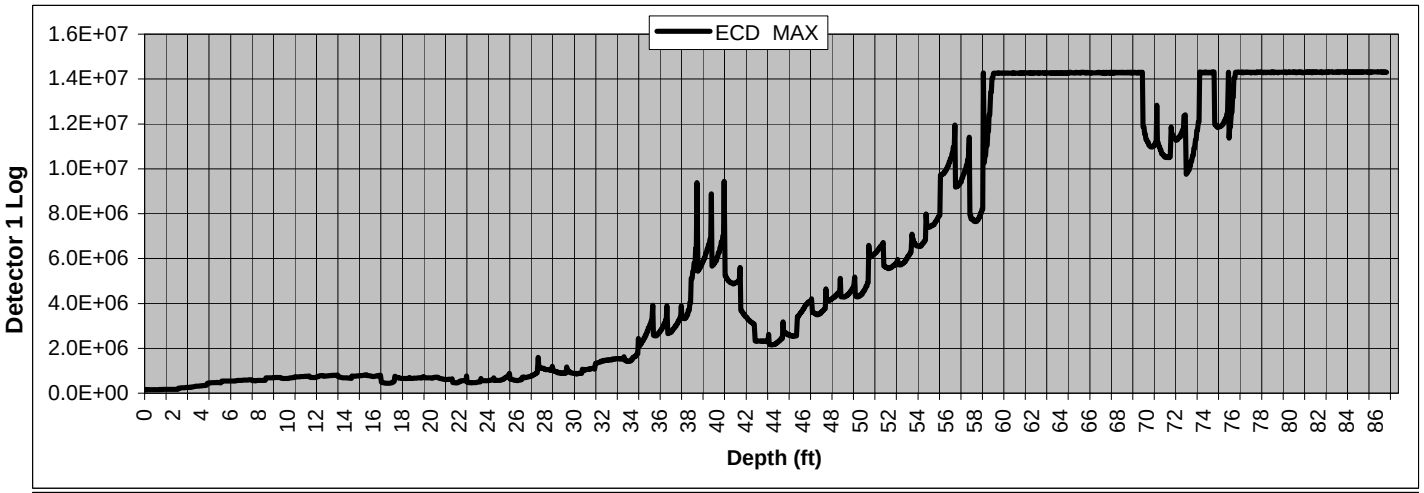


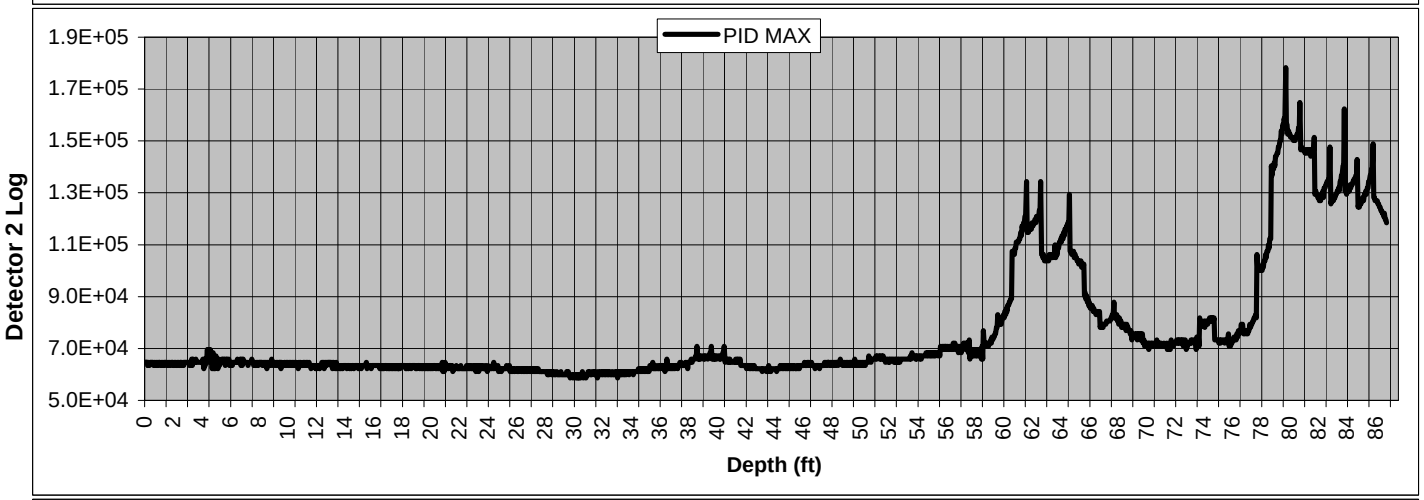


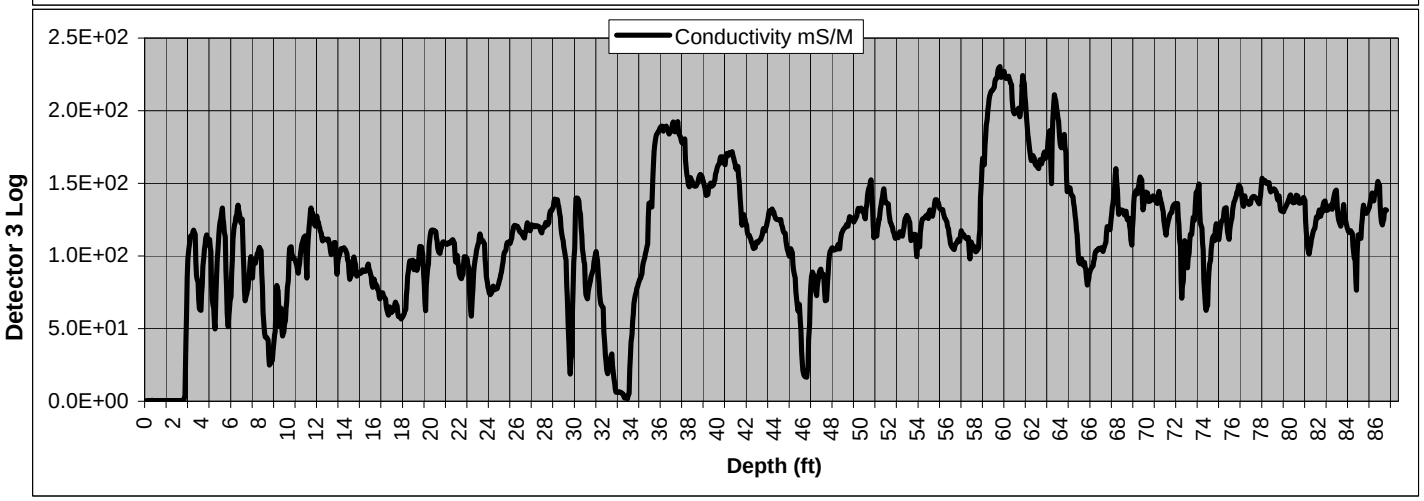
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	0	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 27 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	08:00	Detector 3 :	Electrical Conductance (EC)

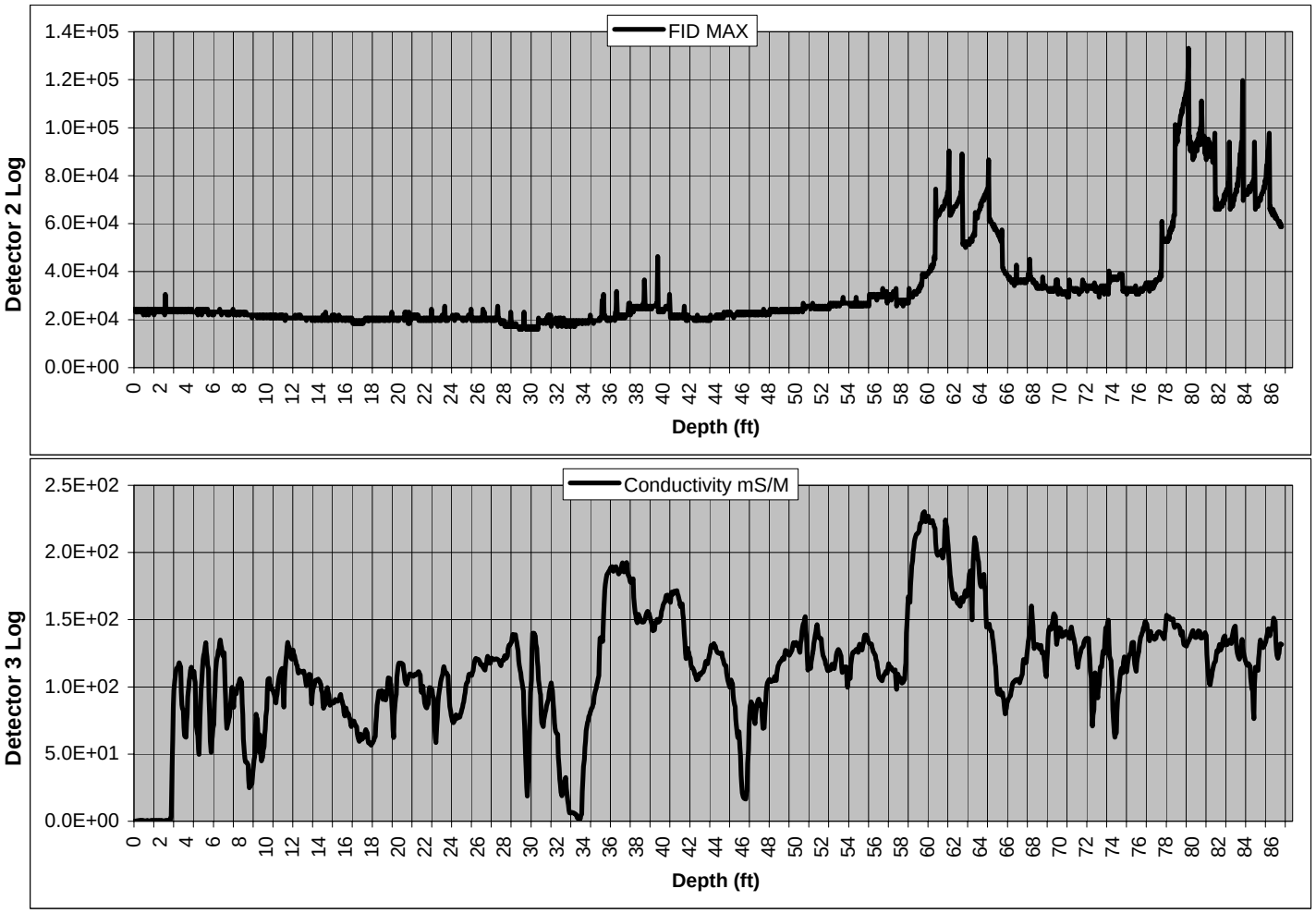






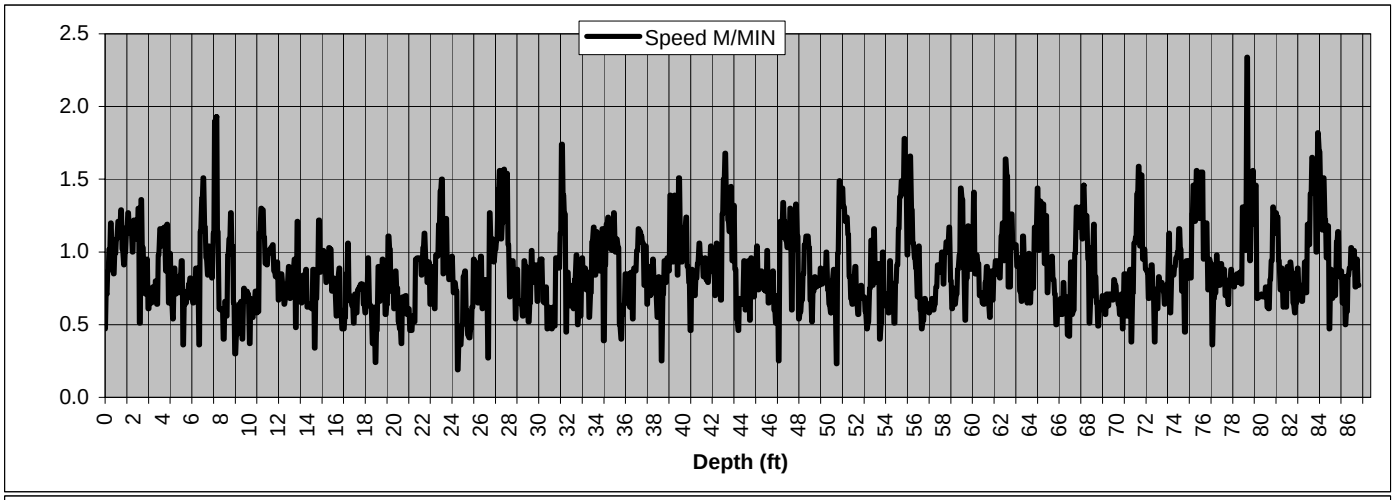
MIP Log Results by Boring - Detector Reading vs. Depth

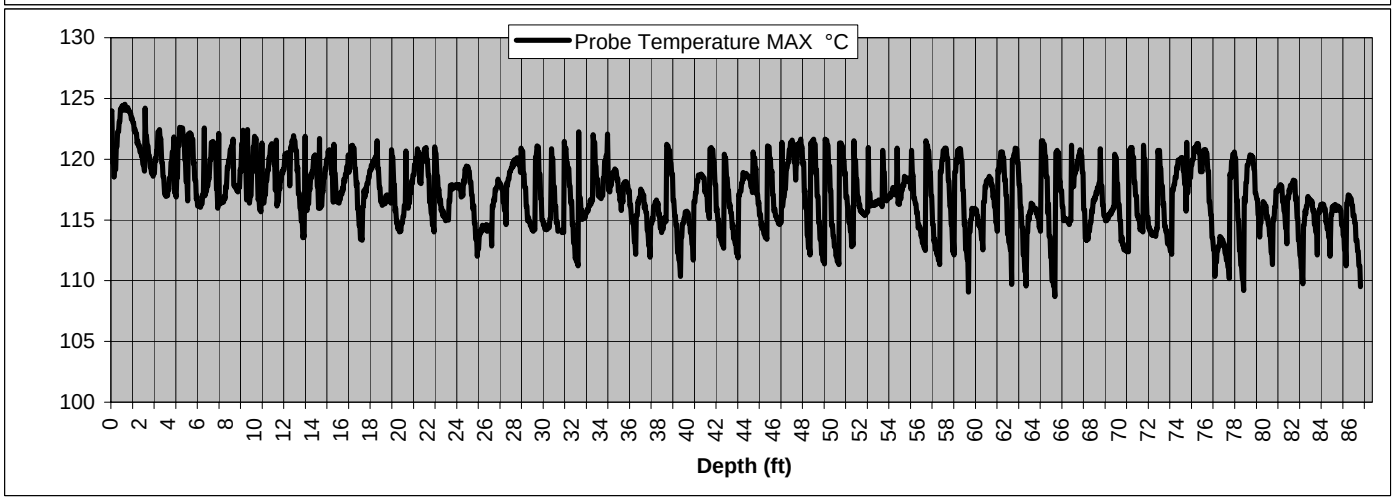
Client:	0	Boring I.D.:	0	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 27 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	08:00		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	0	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 27 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	08:00		

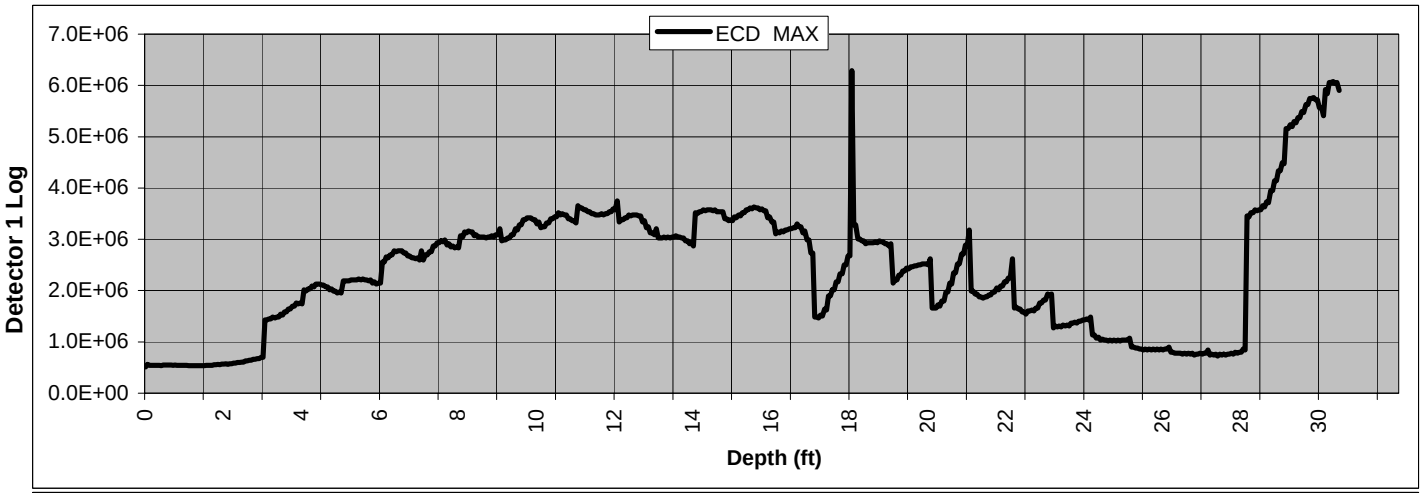


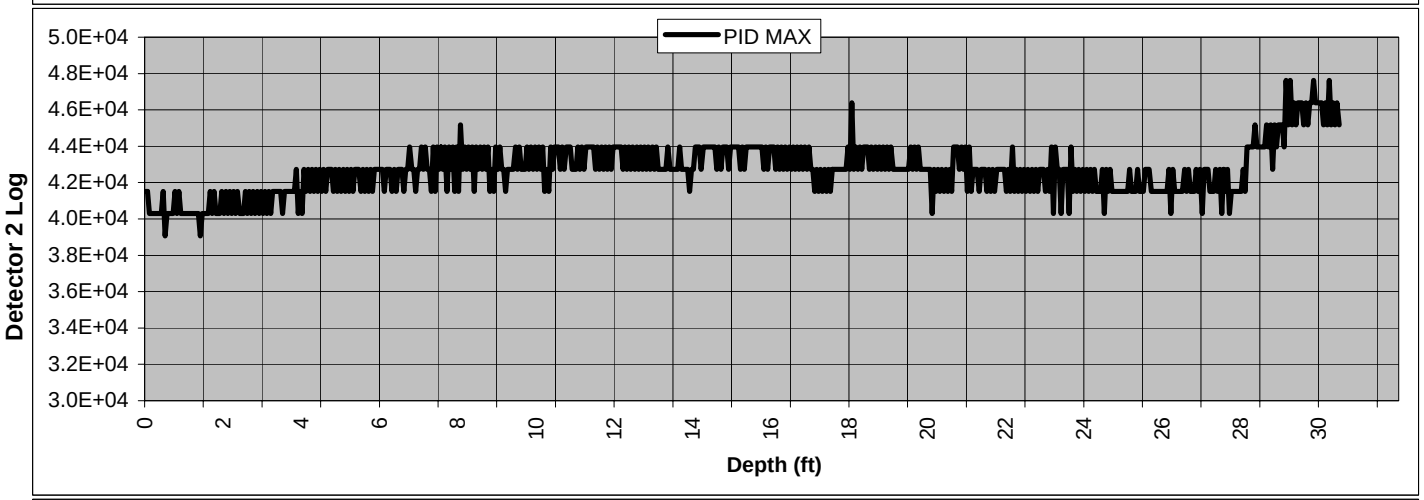


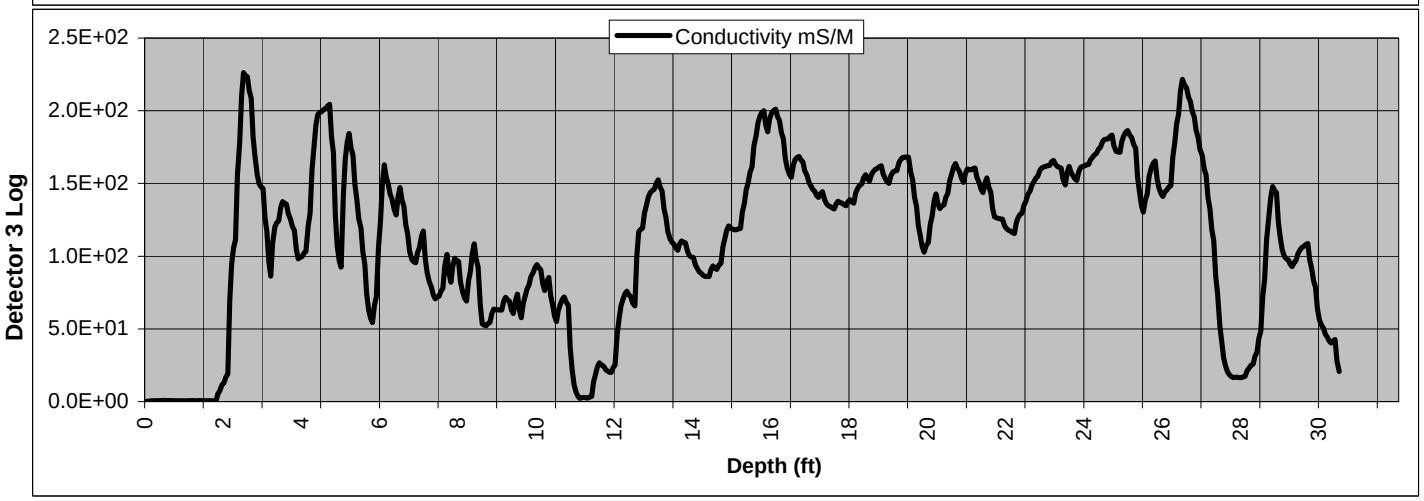
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-7	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	14:03	Detector 3 :	Electrical Conductance (EC)

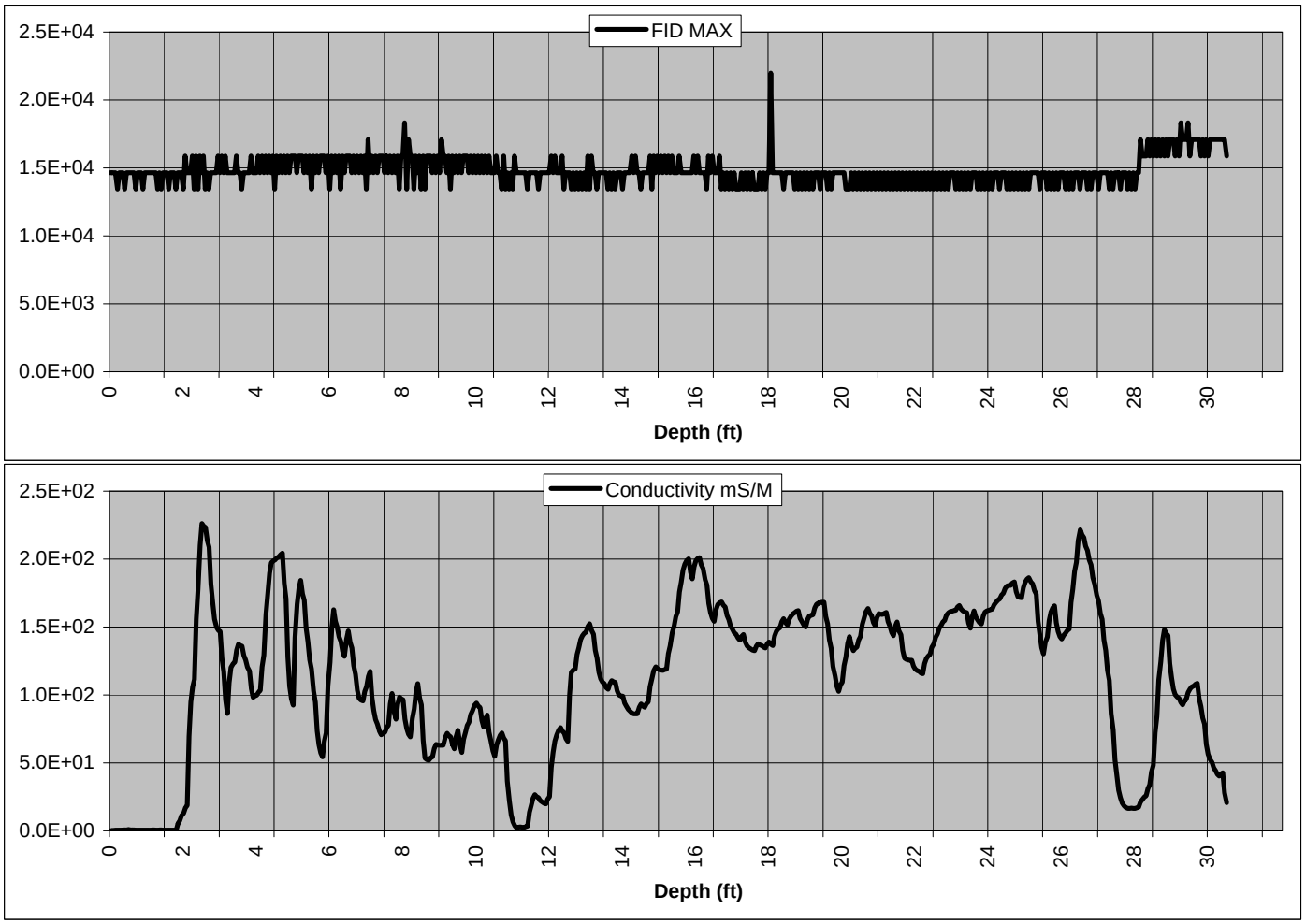






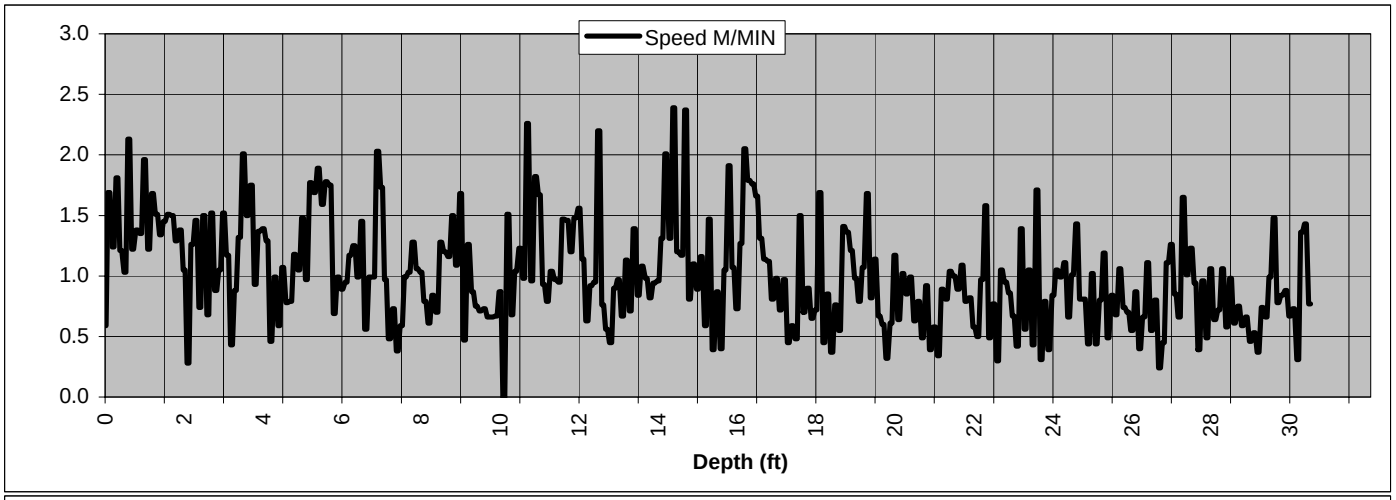
MIP Log Results by Boring - Detector Reading vs. Depth

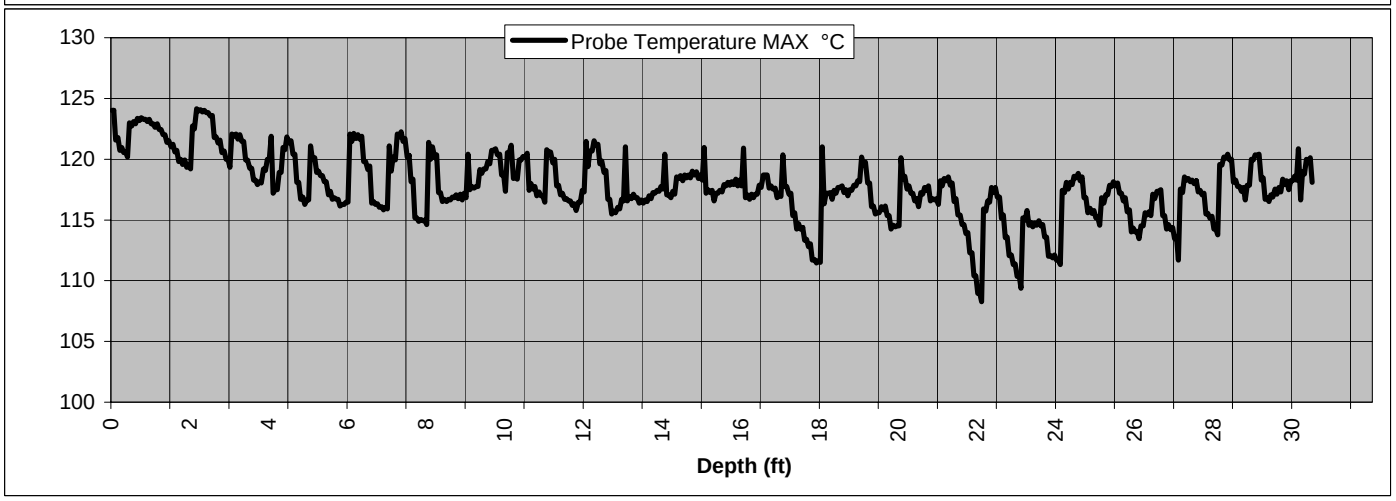
Client:	0	Boring I.D.:	MIP-7	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	14:03		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-7	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	14:03		

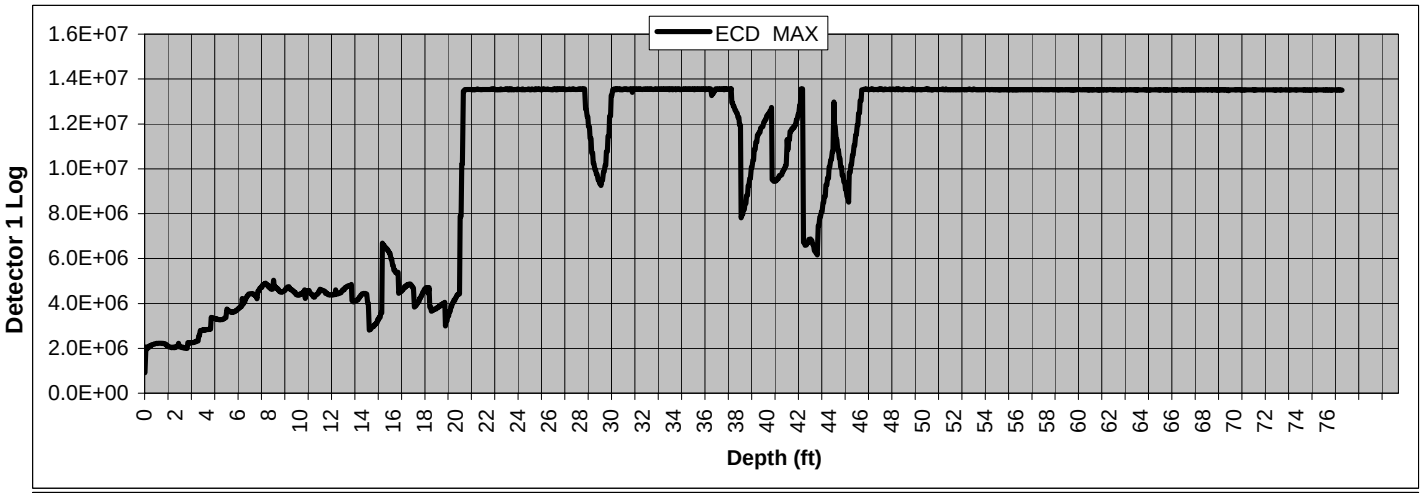


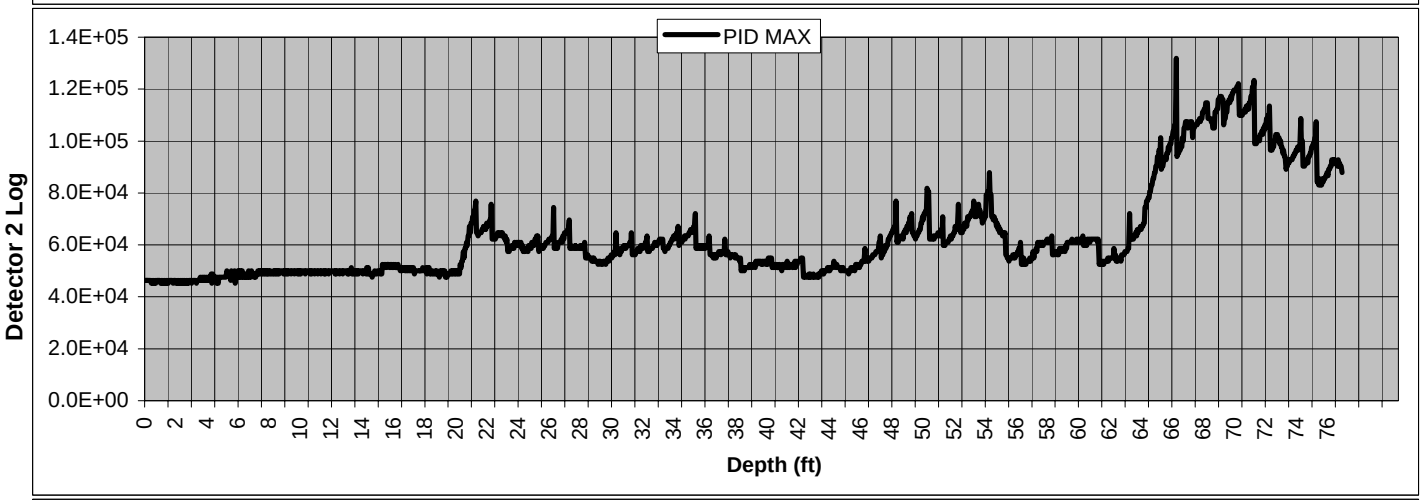


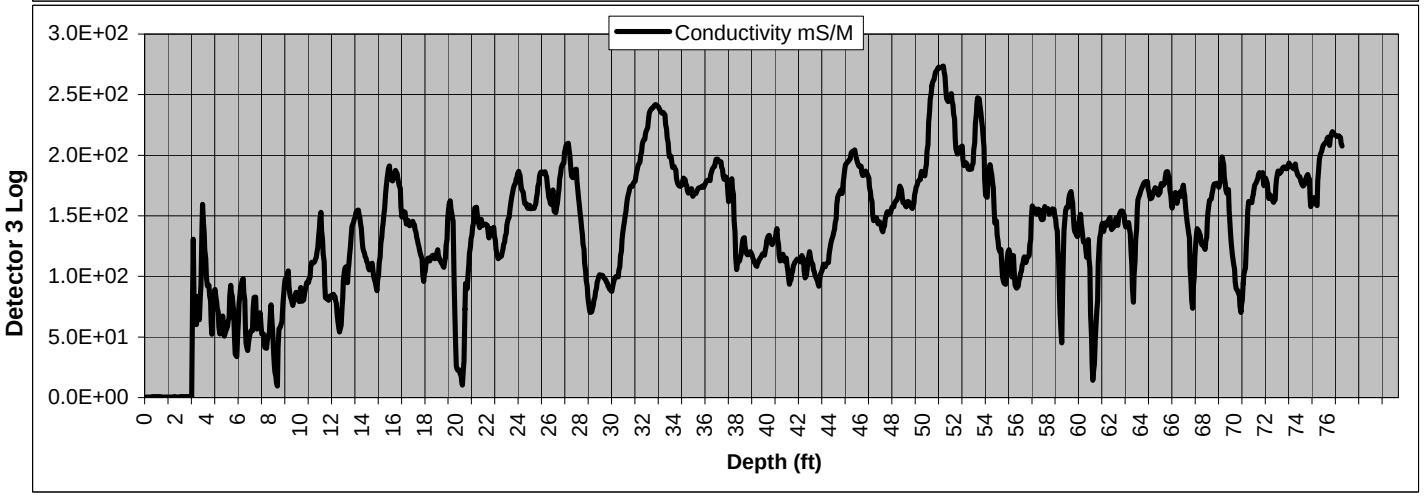
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-8	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 29 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	14:18	Detector 3 :	Electrical Conductance (EC)

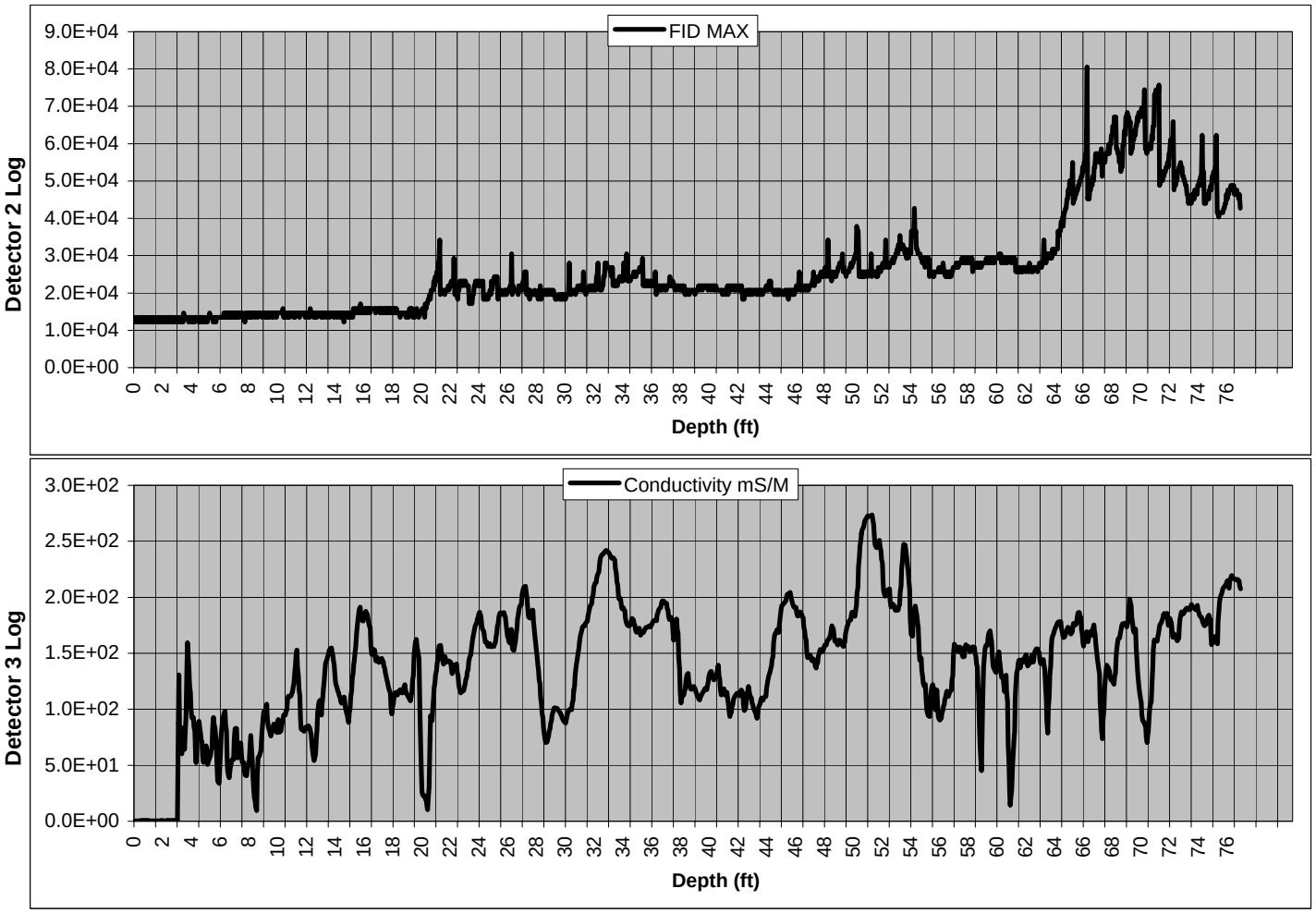






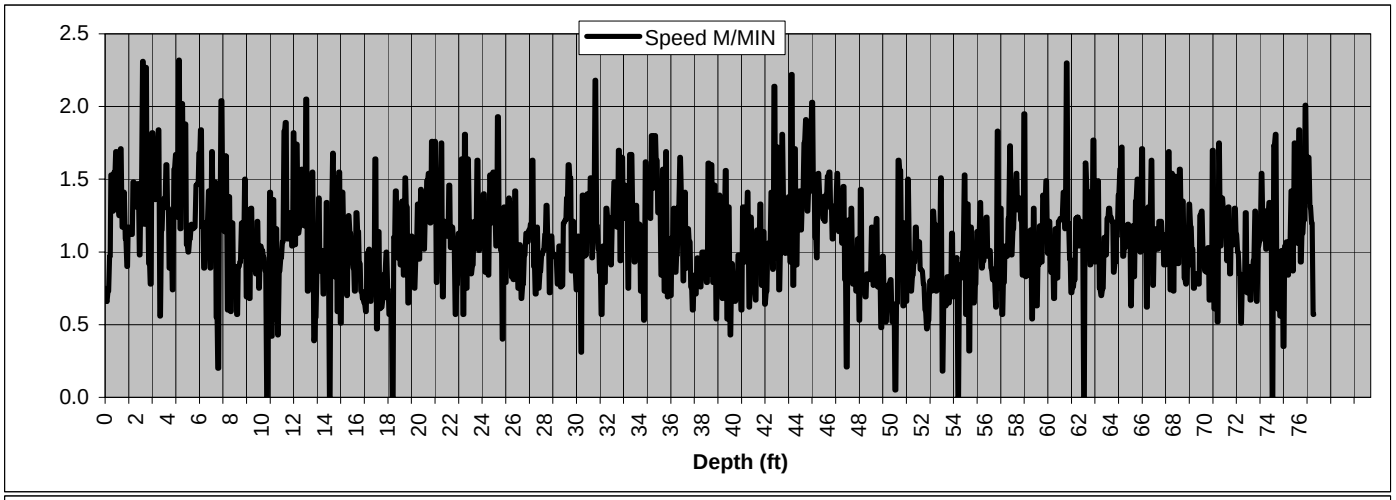
MIP Log Results by Boring - Detector Reading vs. Depth

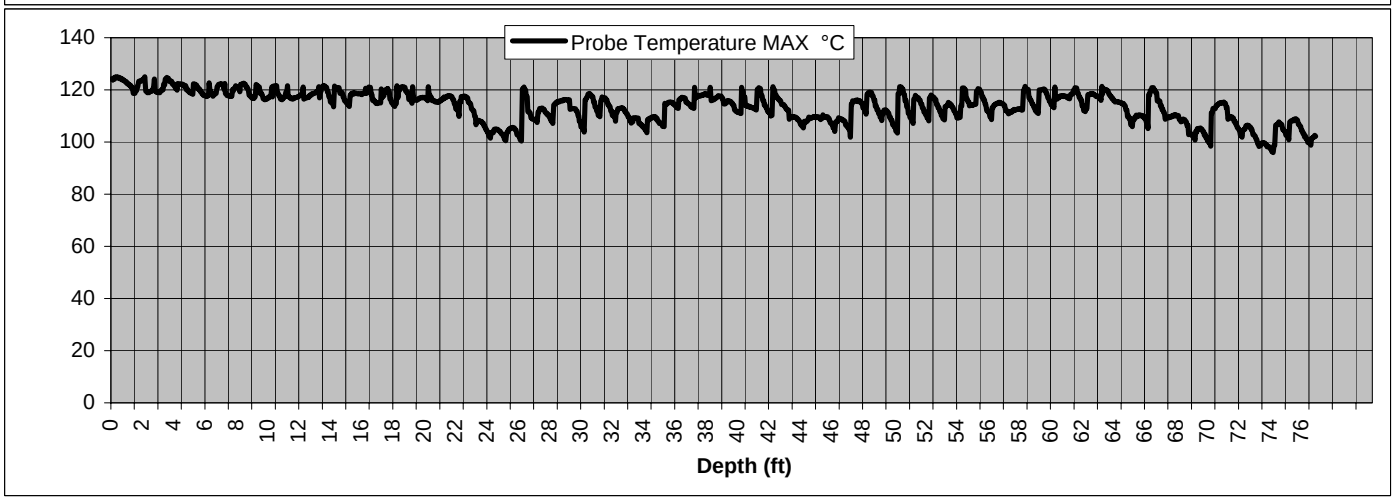
Client:	0	Boring I.D.:	MIP-8	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 29 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	14:18		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-8	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 29 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	14:18		

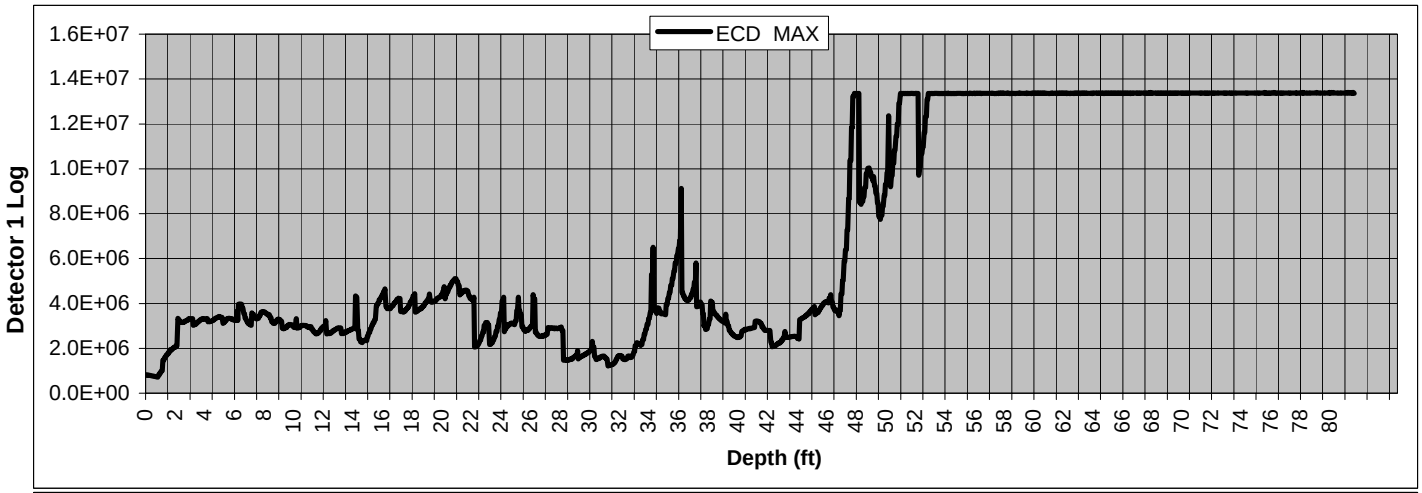


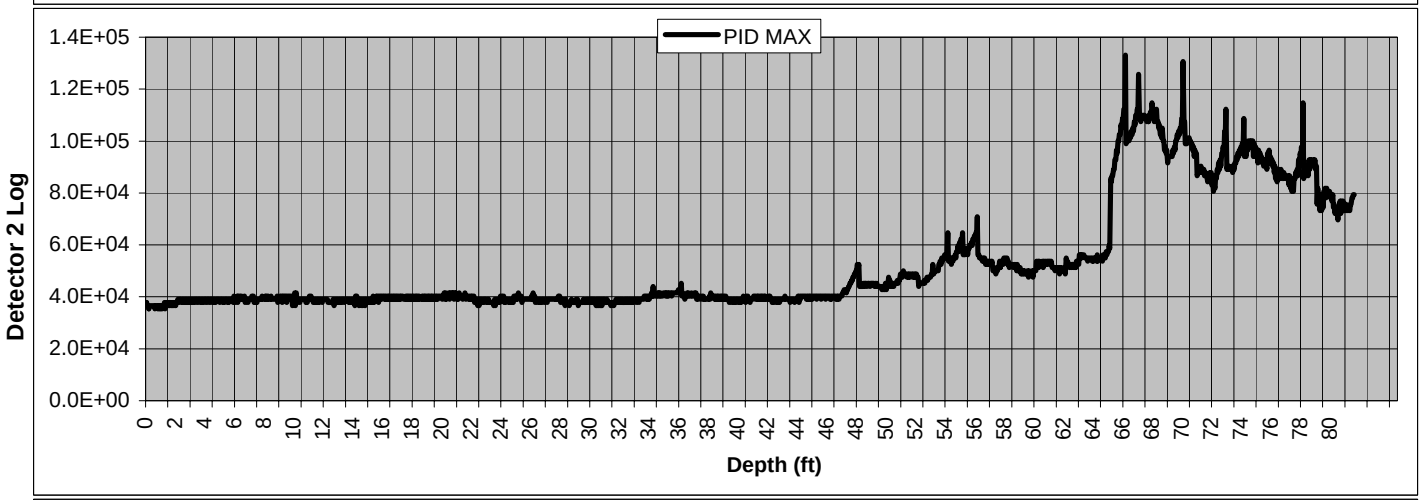


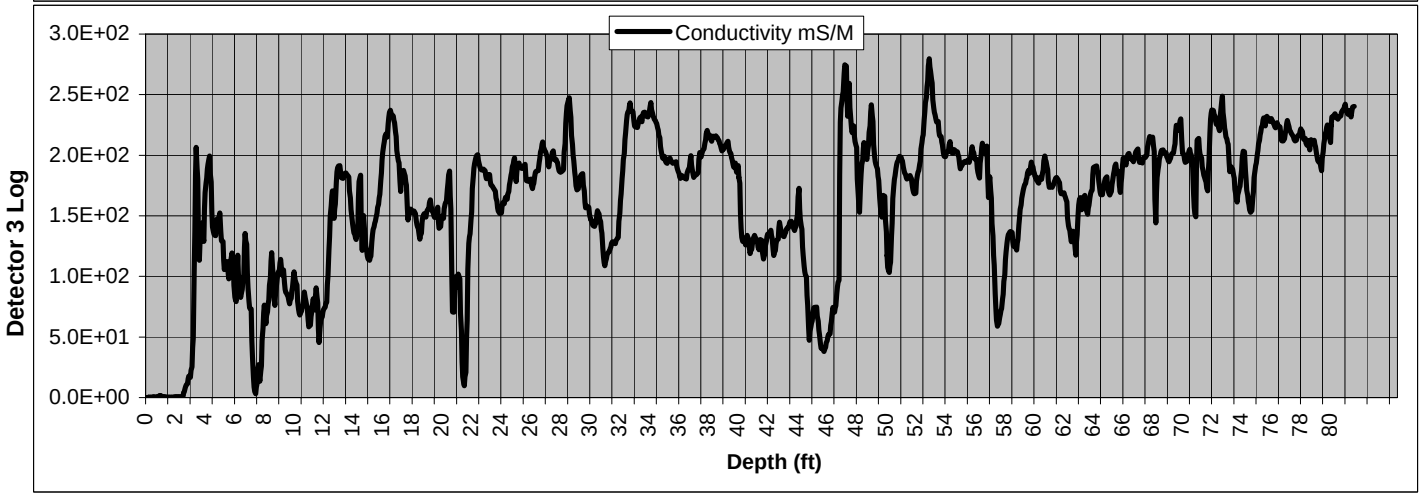
Explanation: Refusal at 76.9 feet

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-9	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	09:08	Detector 3 :	Electrical Conductance (EC)

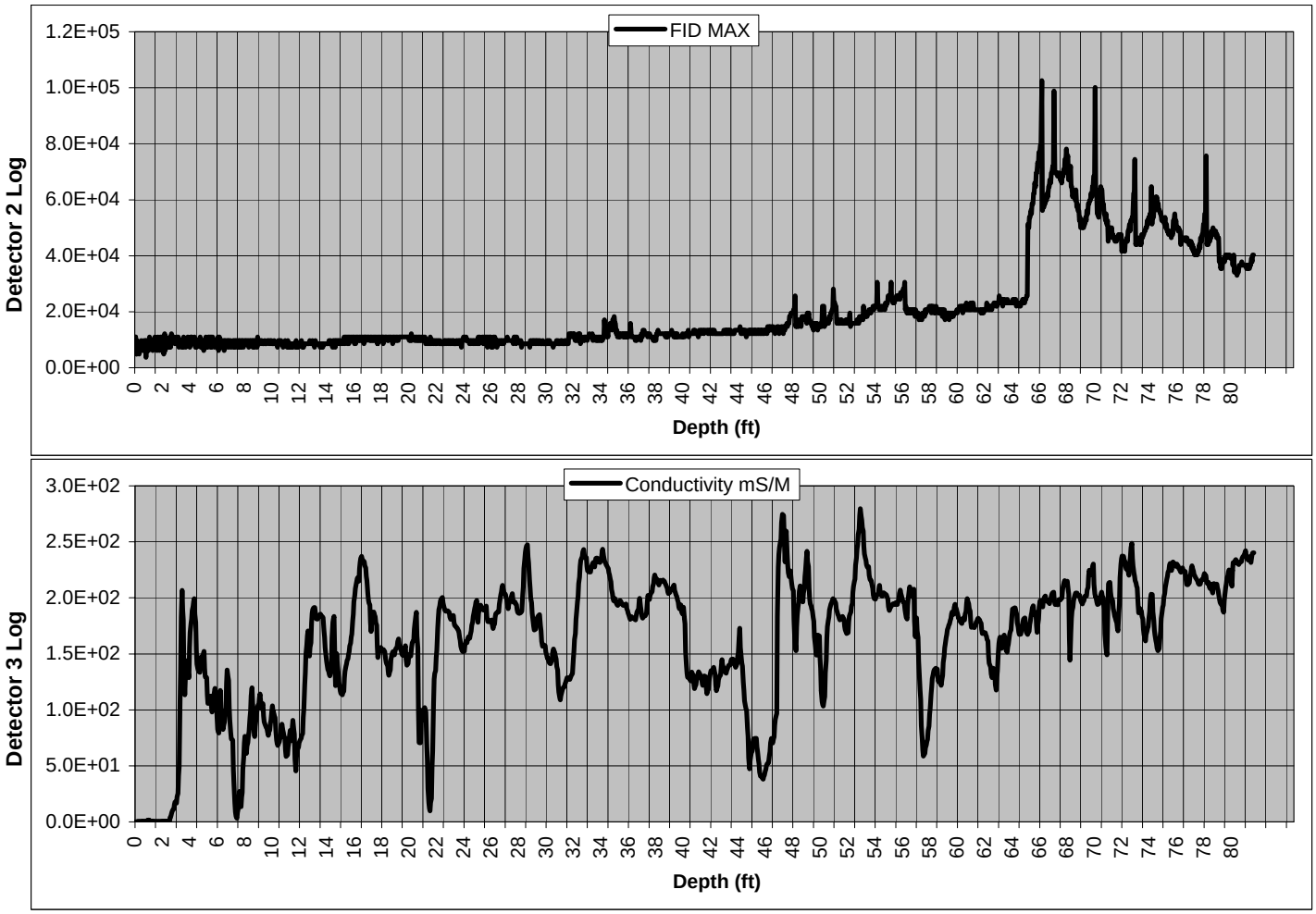






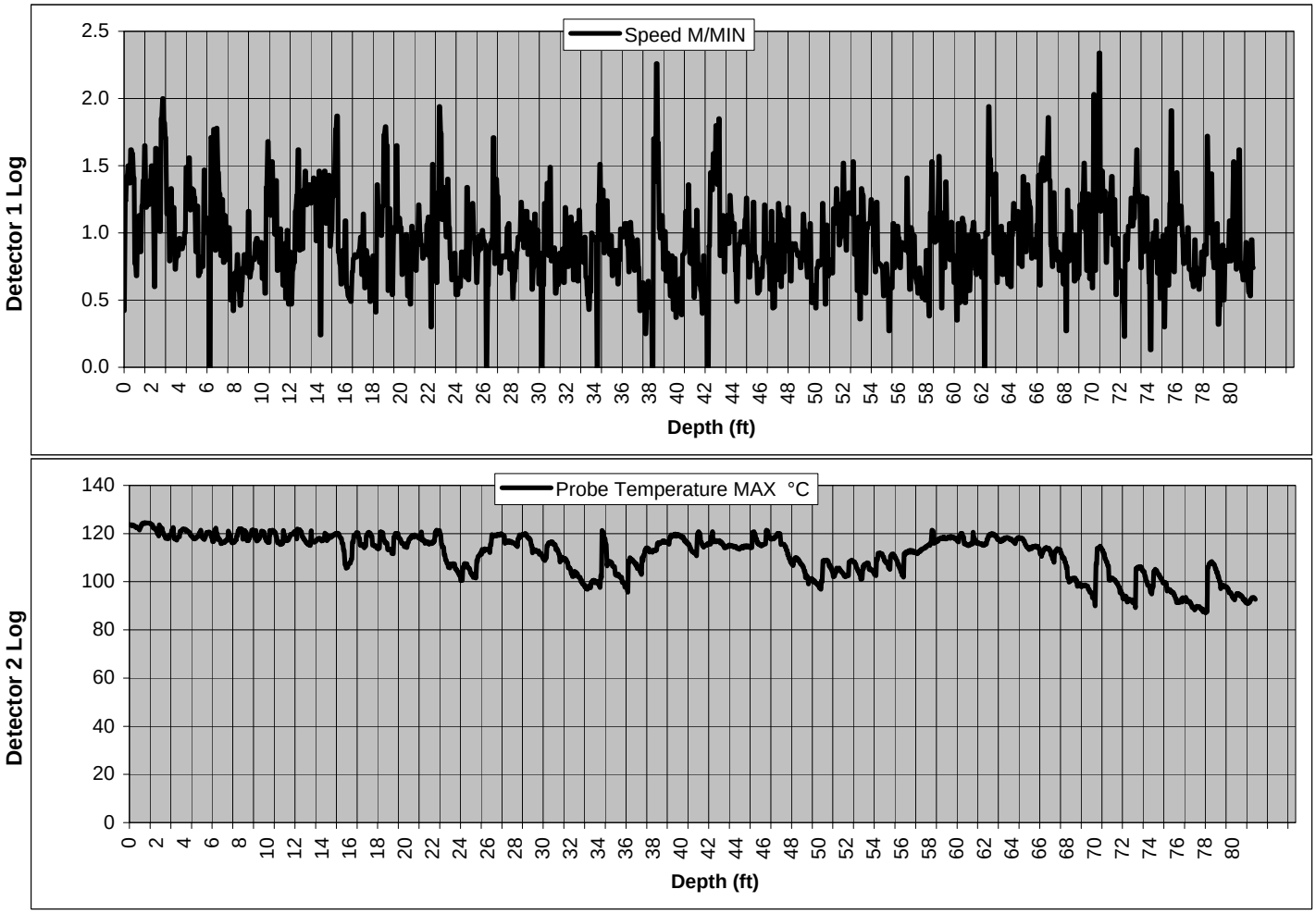
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-9	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	09:08		



MIP Log Results by Boring - Detector Reading vs. Depth

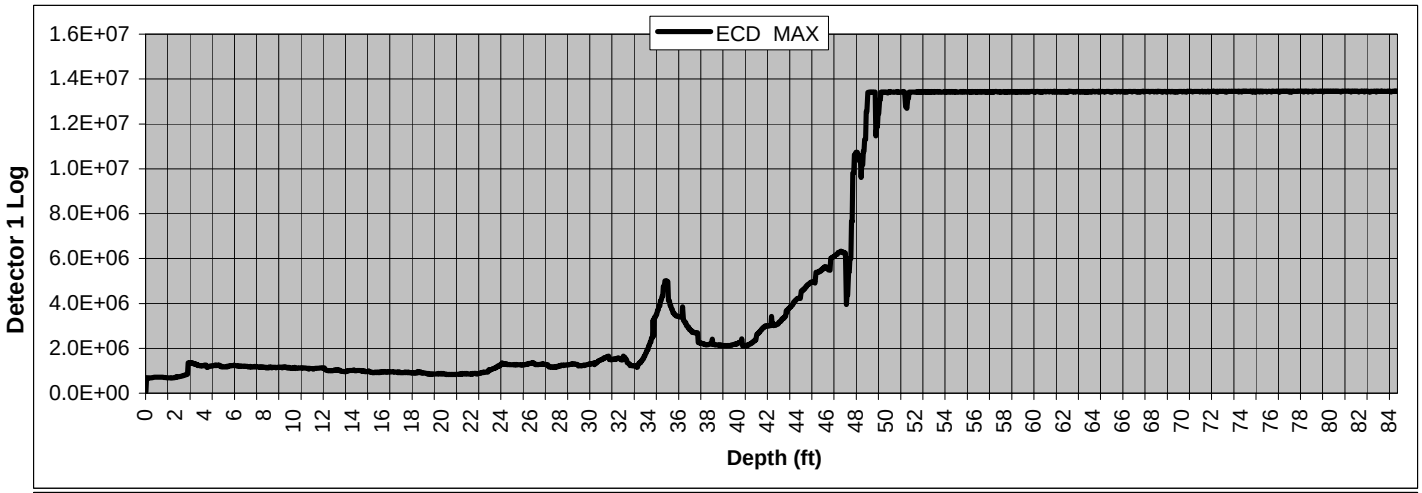
Client:	0	Boring I.D.:	MIP-9	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	09:08		

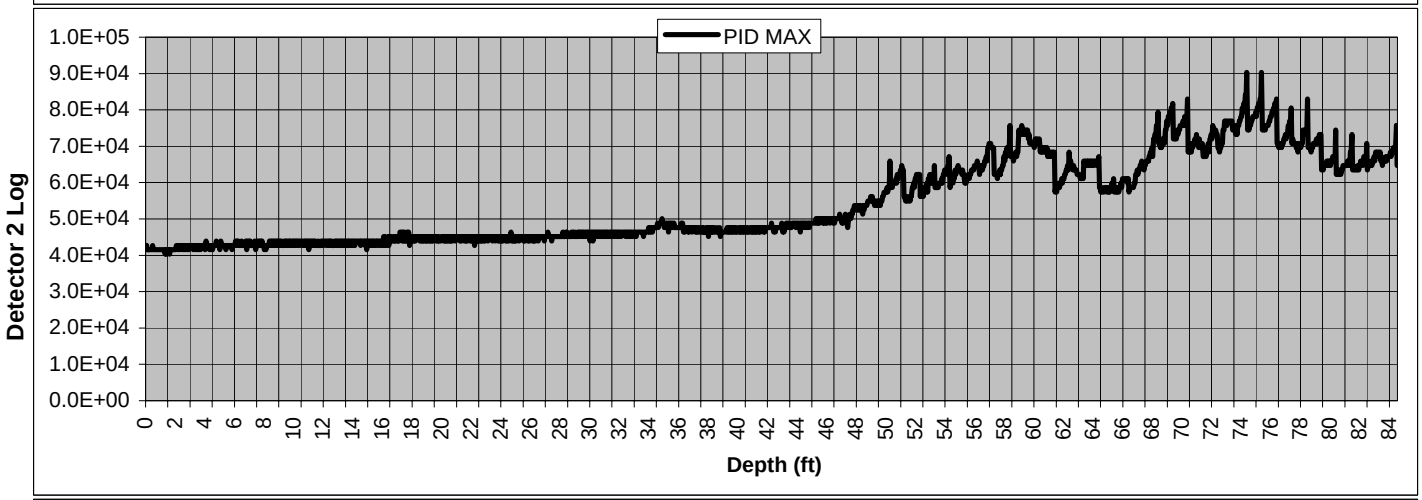


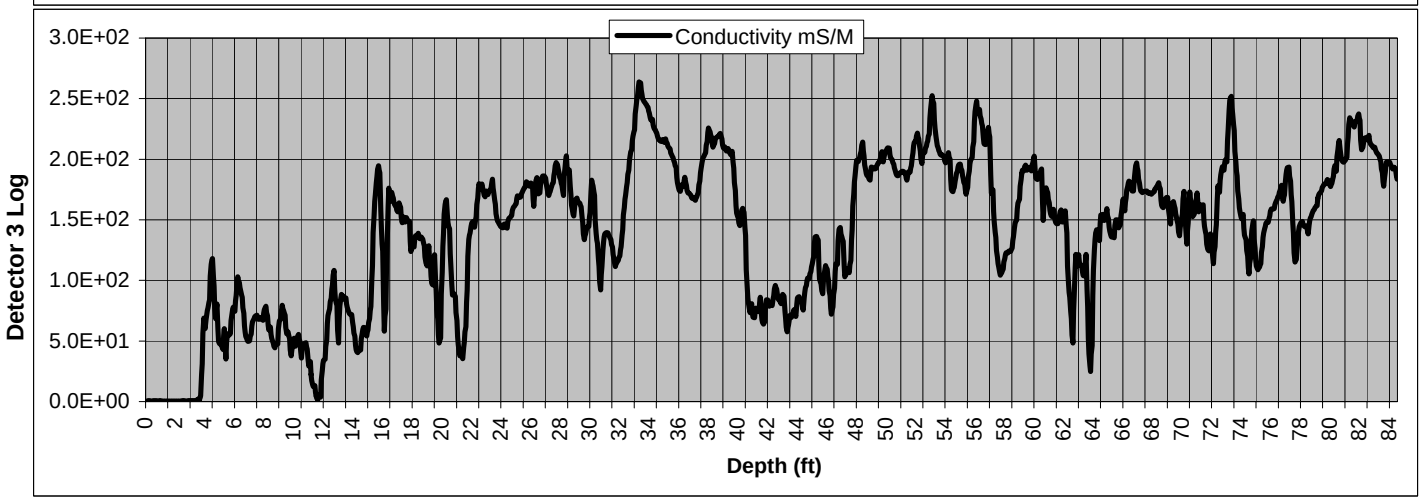
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-10	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	11:35	Detector 3 :	Electrical Conductance (EC)

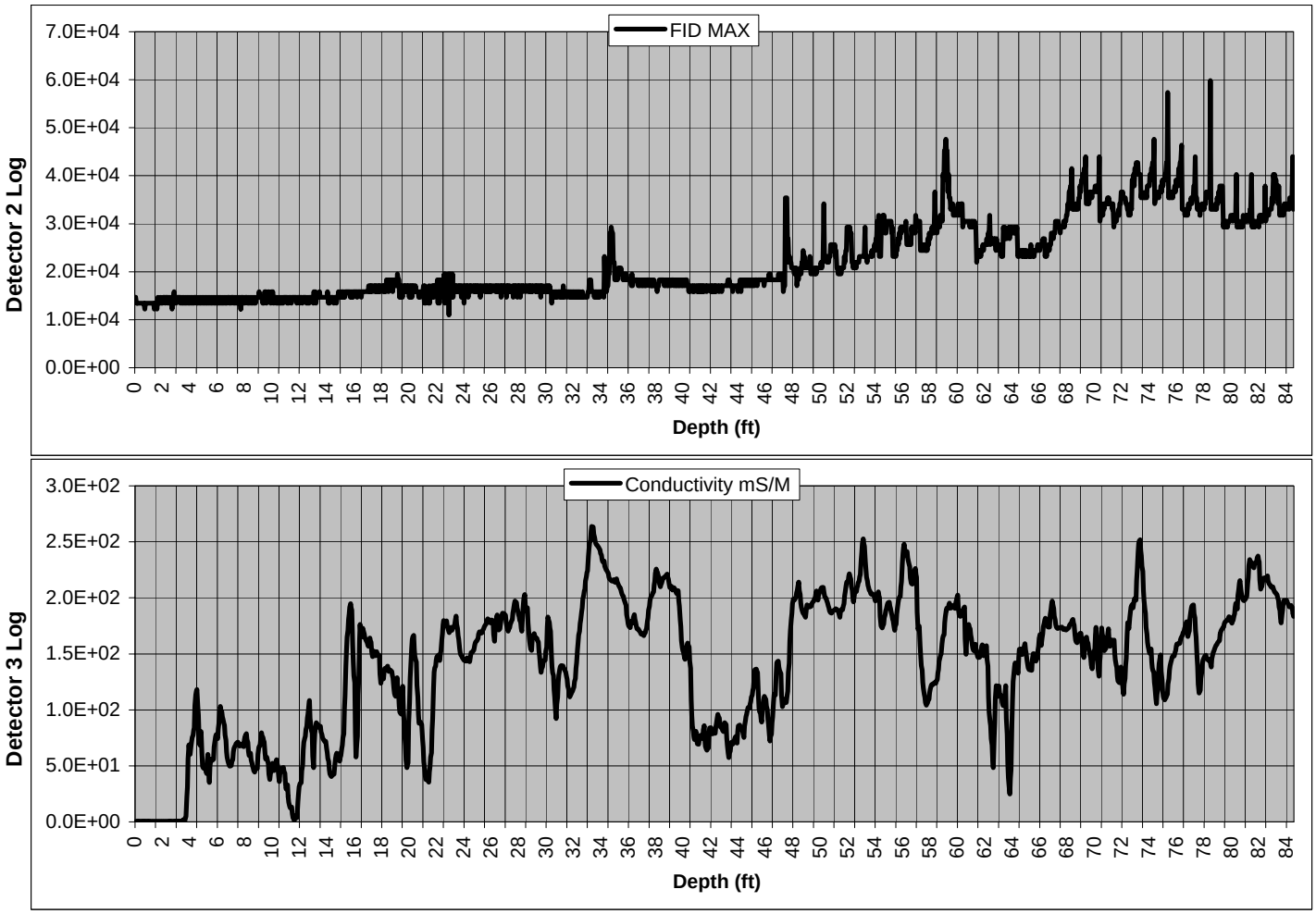






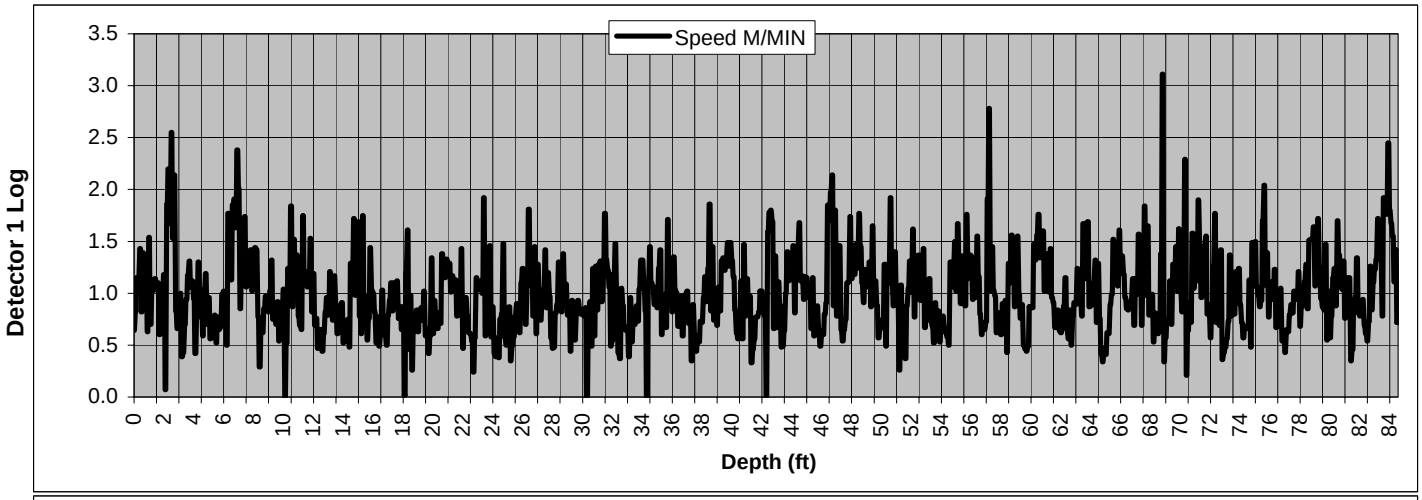
MIP Log Results by Boring - Detector Reading vs. Depth

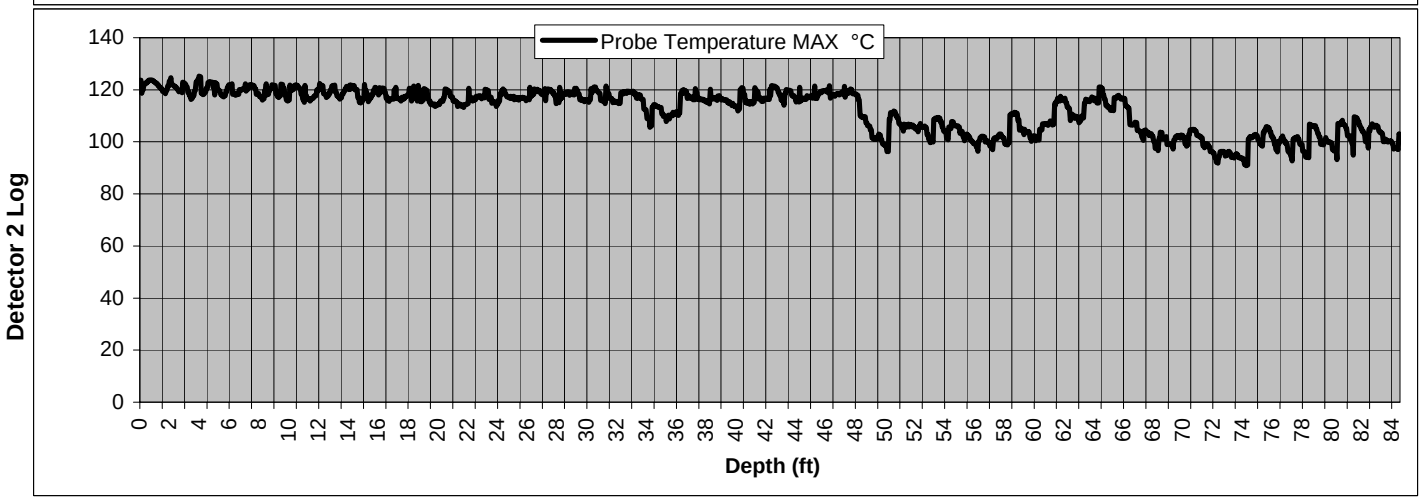
Client:	0	Boring I.D.:	MIP-10	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	11:35		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-10	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	11:35		

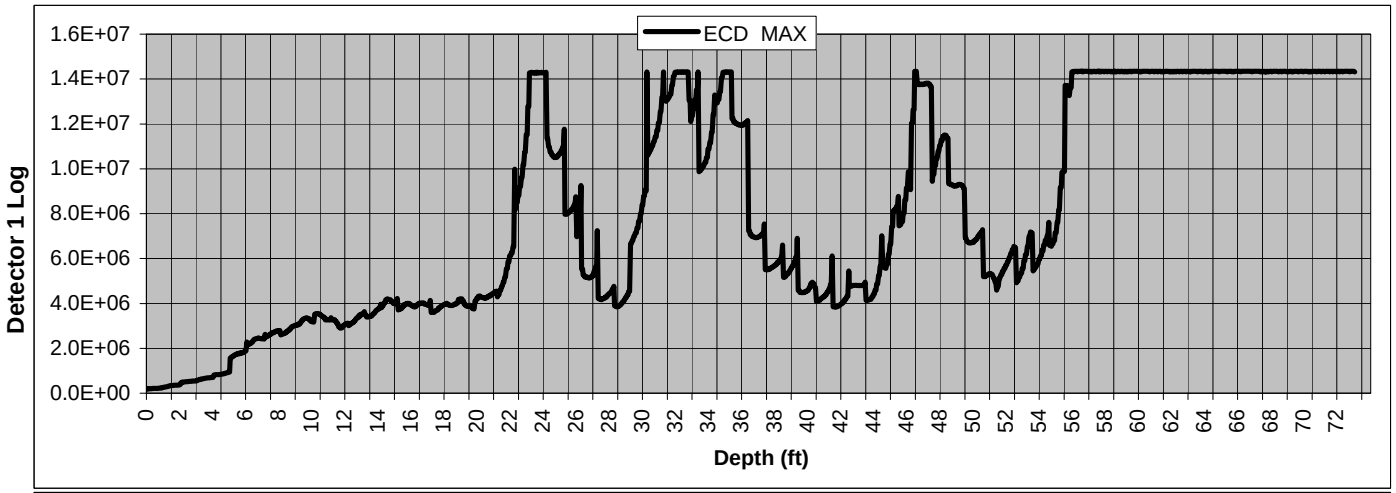


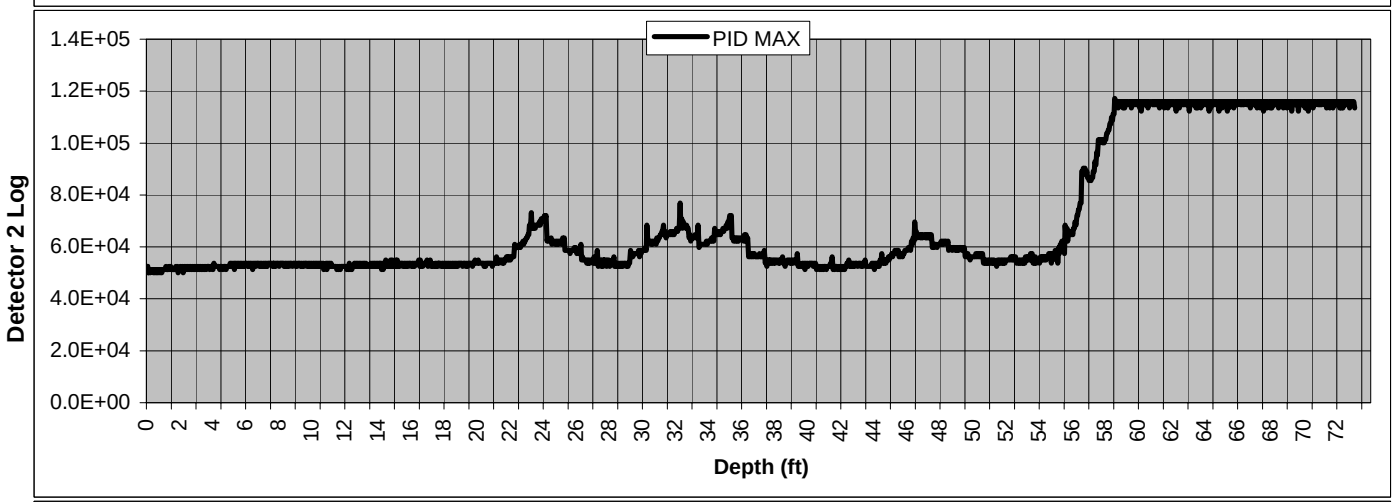


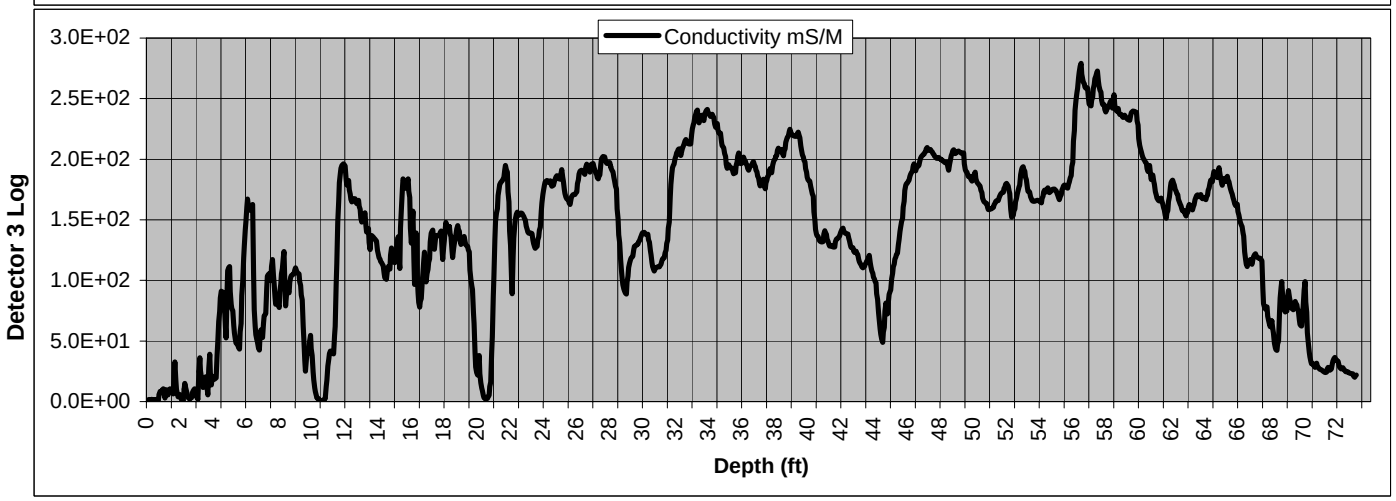
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-11	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 24 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	11:33	Detector 3 :	Electrical Conductance (EC)

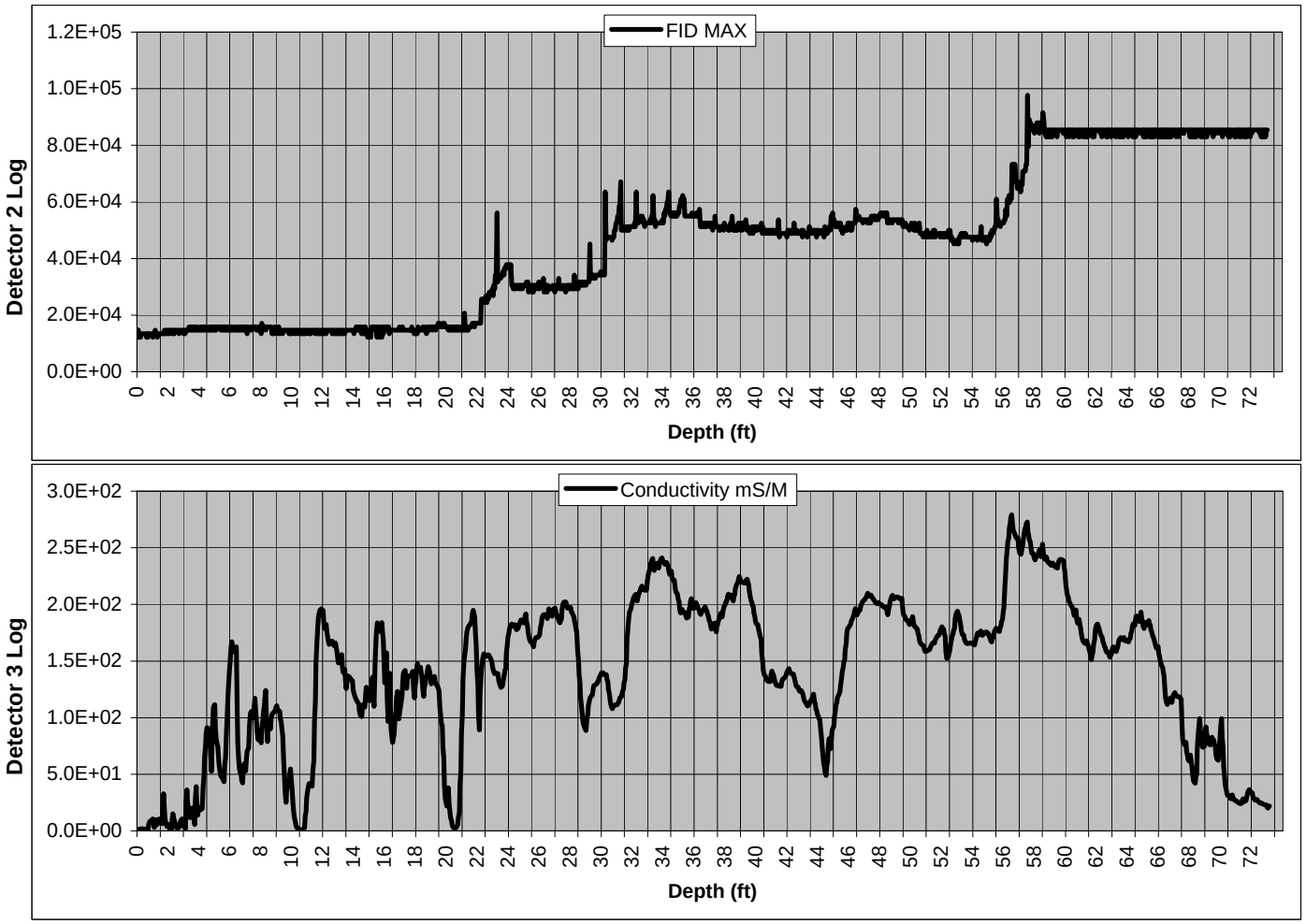






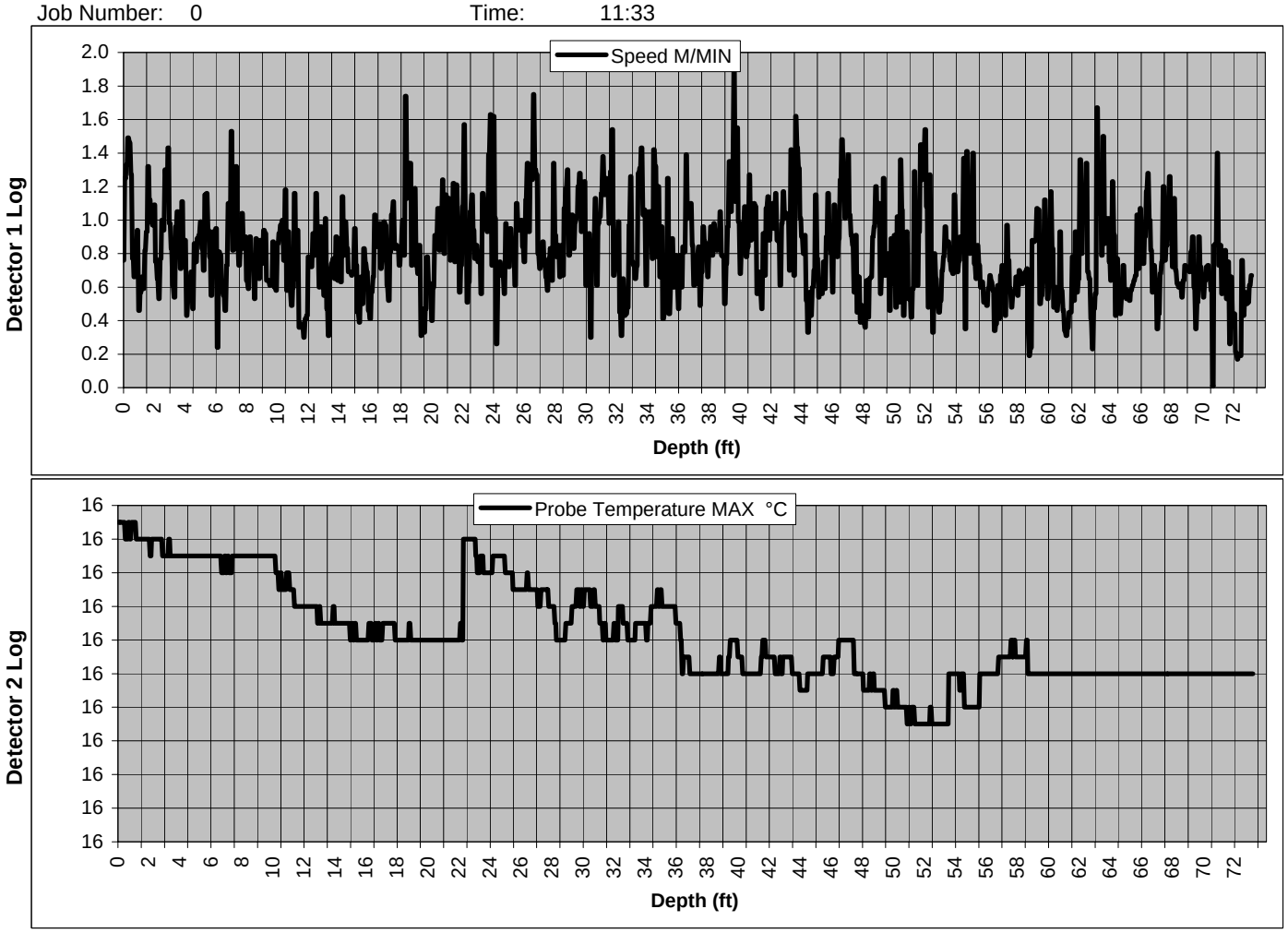
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-11	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 24 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	11:33		



MIP Log Results by Boring - Detector Reading vs. Depth

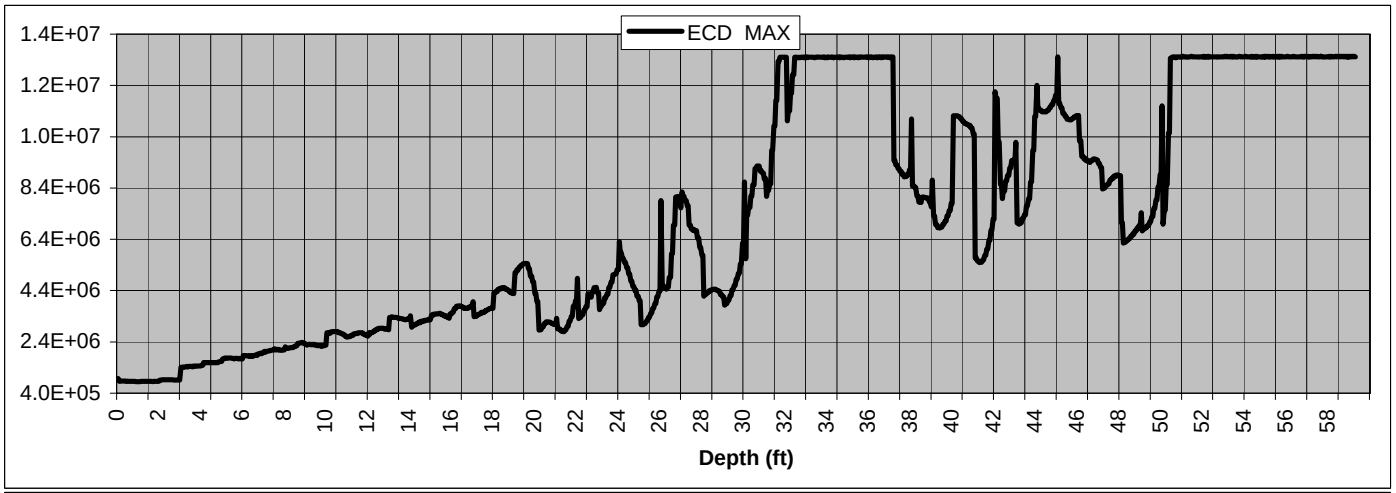
Client:	0	Boring I.D.:	MIP-11	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 24 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	11:33		

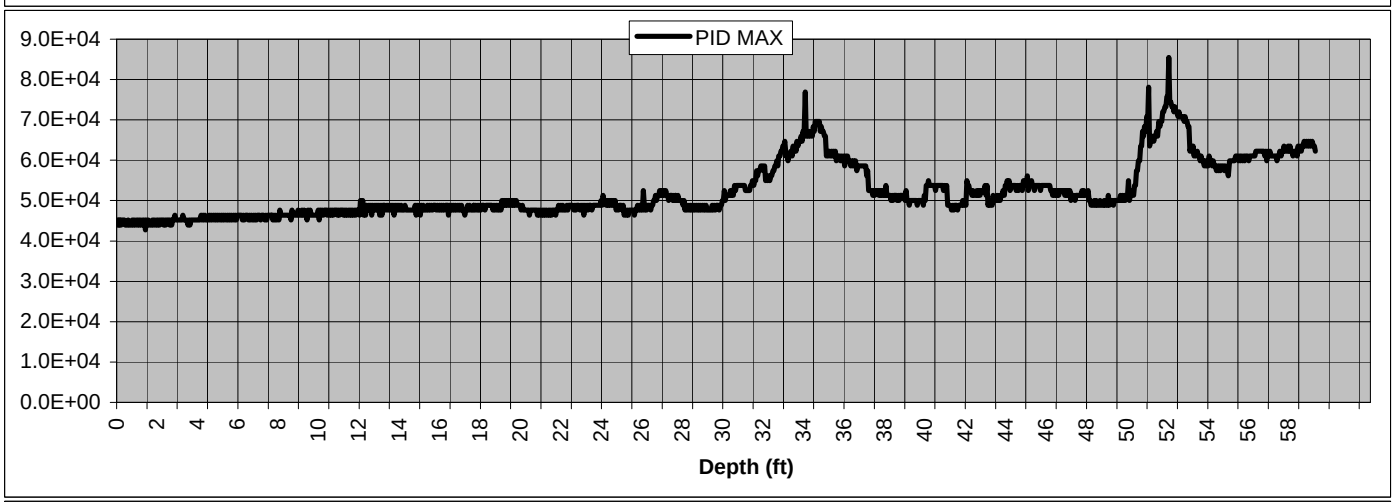


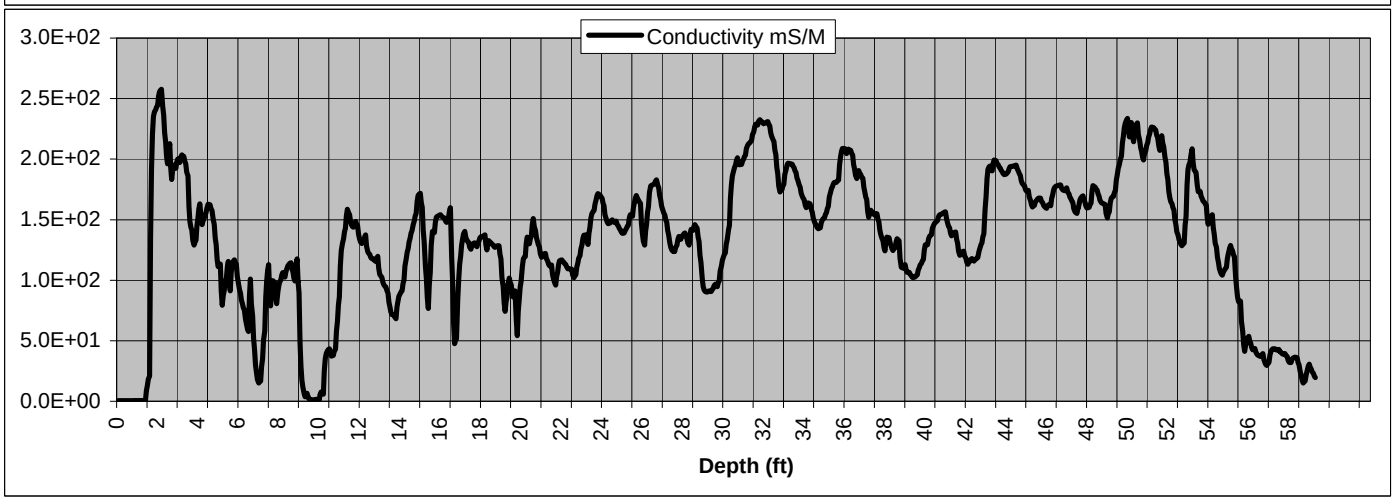
Explanation: Disregard data after 59' bgs. Stringpot broke. Probe and 3 rods broke upon completion of boring.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-12	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 29 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	13:18	Detector 3 :	Electrical Conductance (EC)

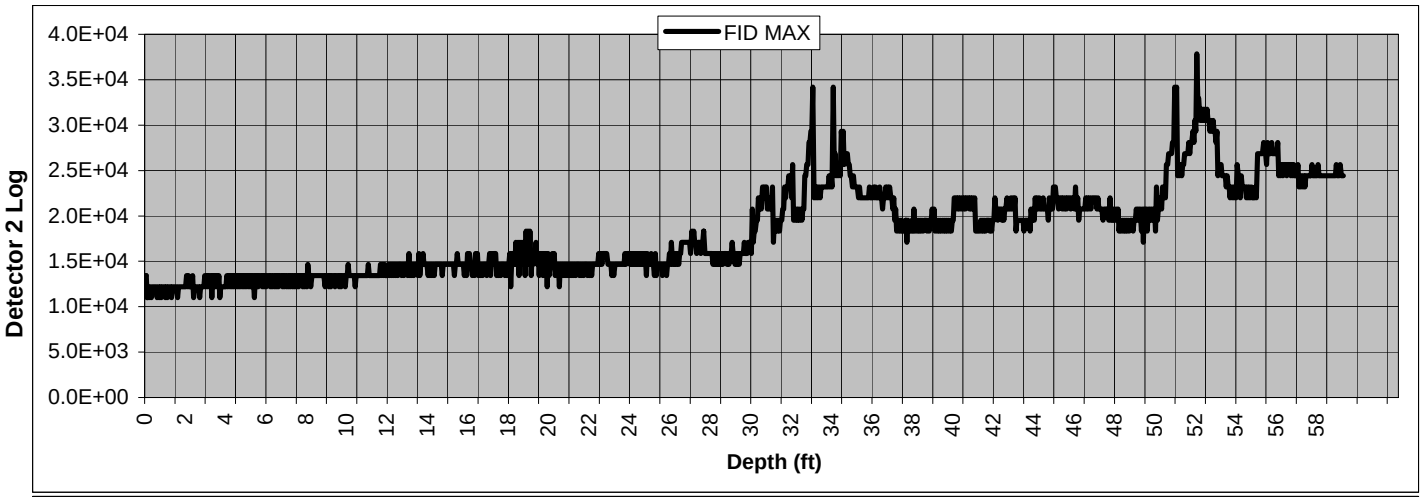


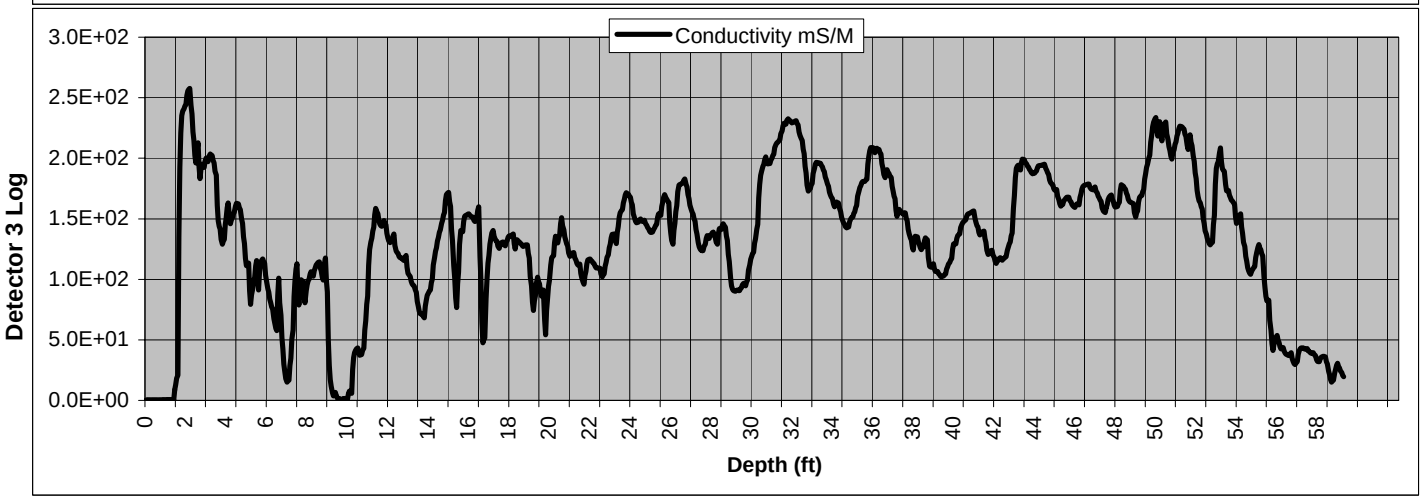




MIP Log Results by Boring - Detector Reading vs. Depth

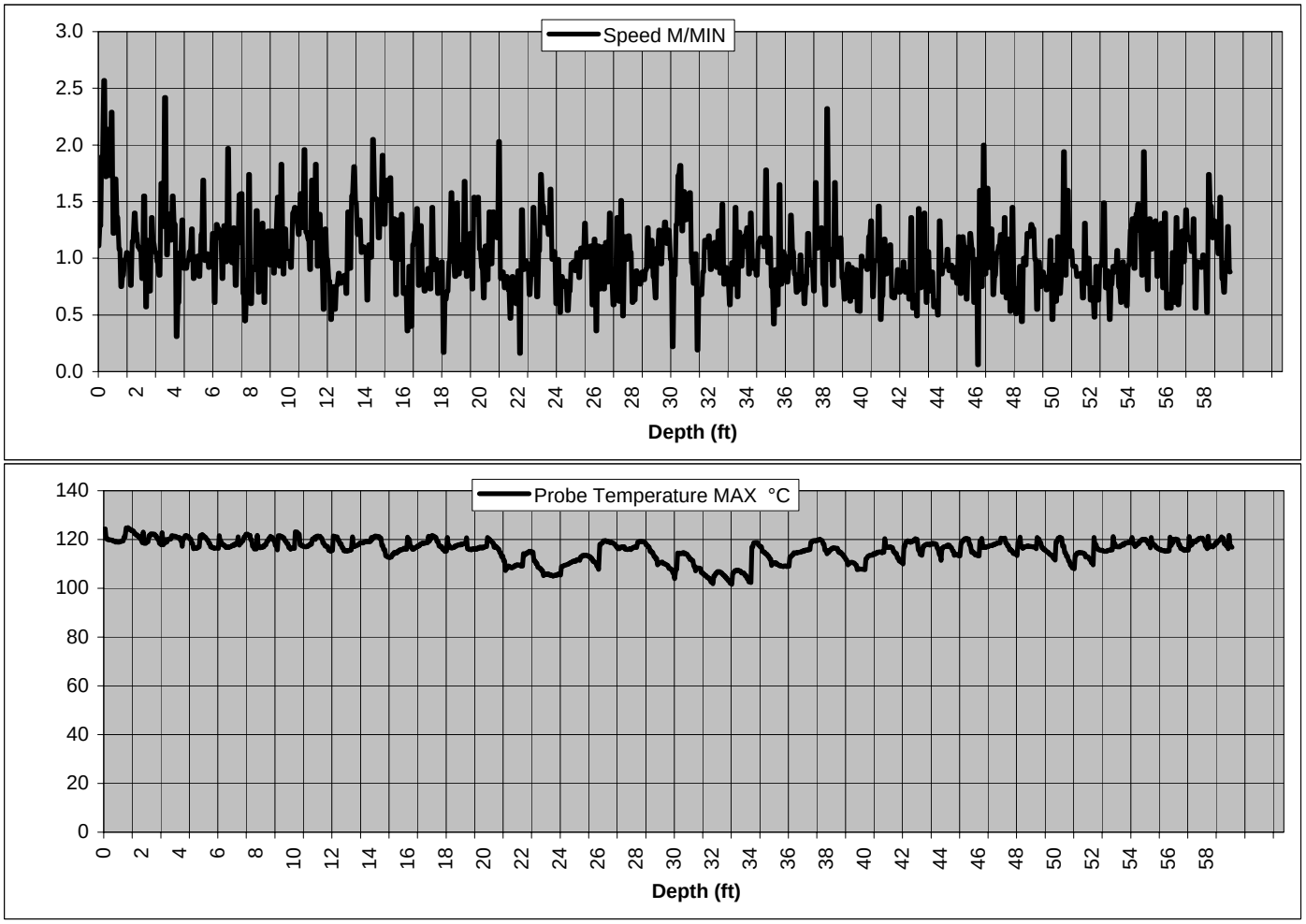
Client:	0	Boring I.D.:	MIP-12	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 29 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	13:18		





MIP Log Results by Boring - Detector Reading vs. Depth

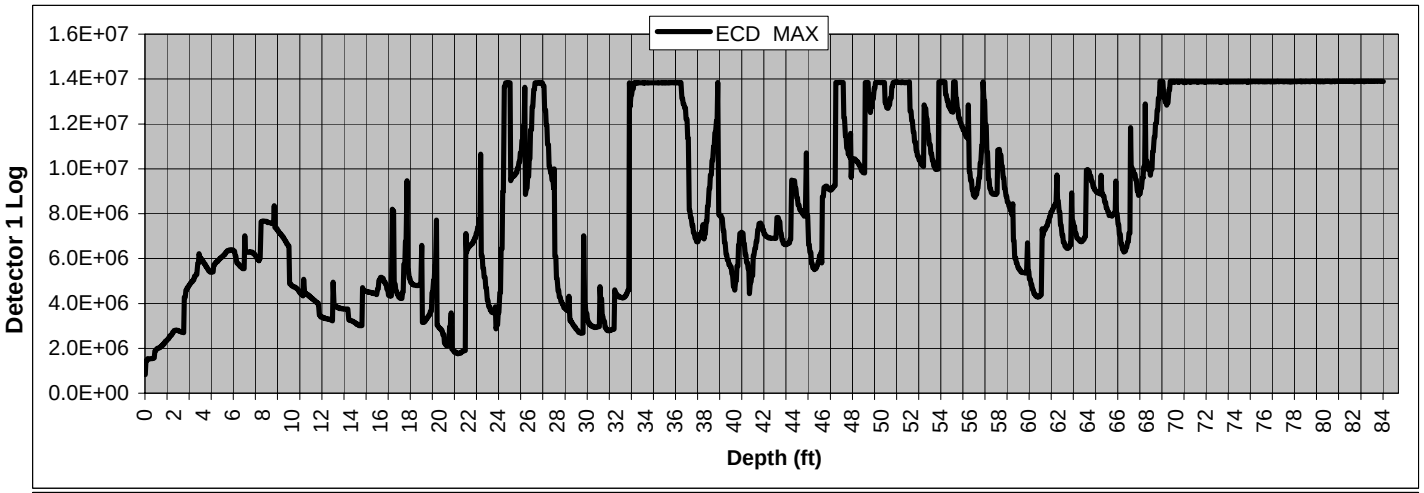
Client:	0	Boring I.D.:	MIP-12	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 29 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	13:18		

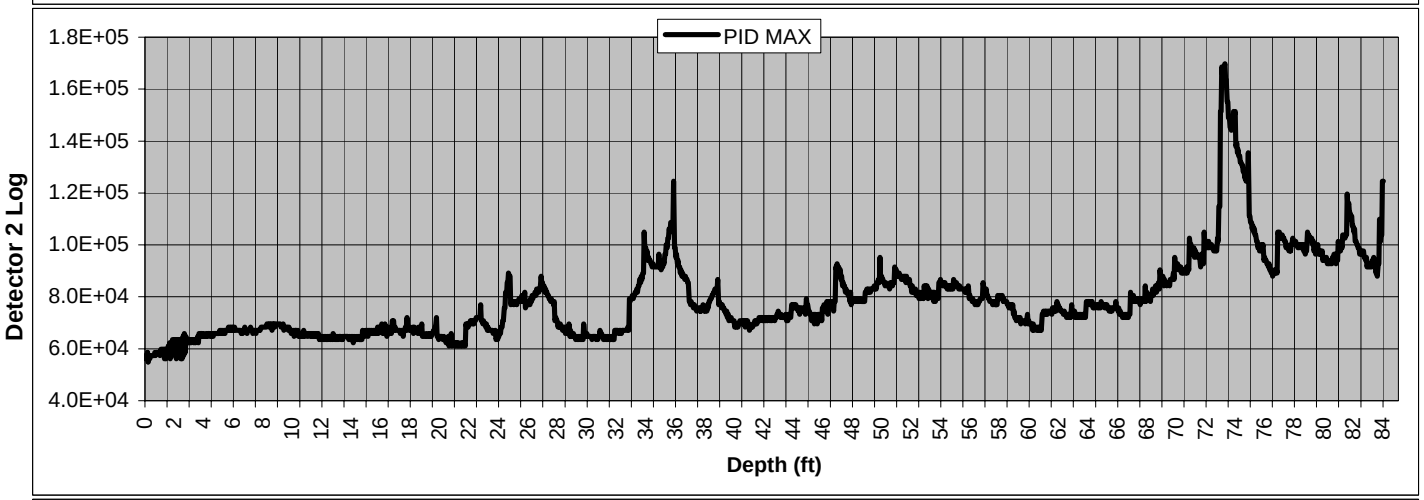


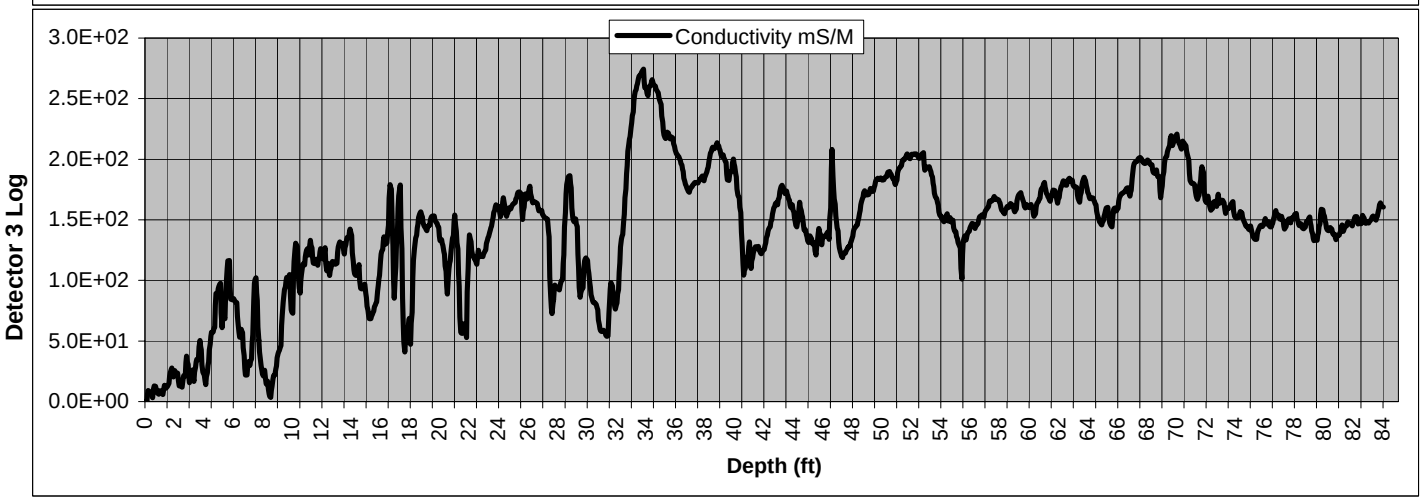
Explanation: Refusal at 58.3 feet.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-14	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 24 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	08:40	Detector 3 :	Electrical Conductance (EC)

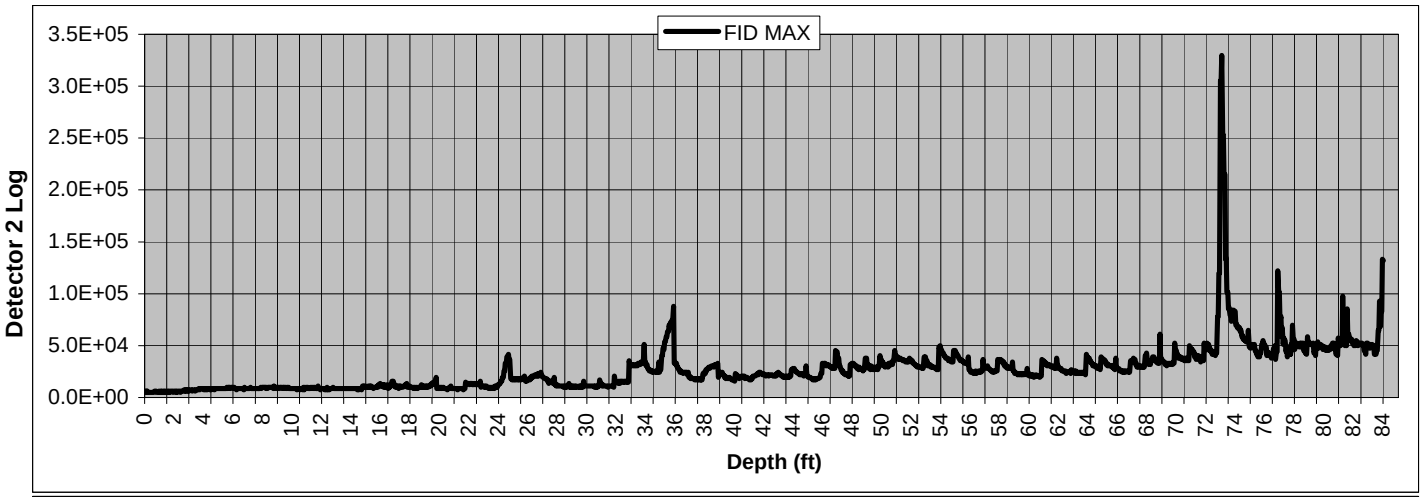


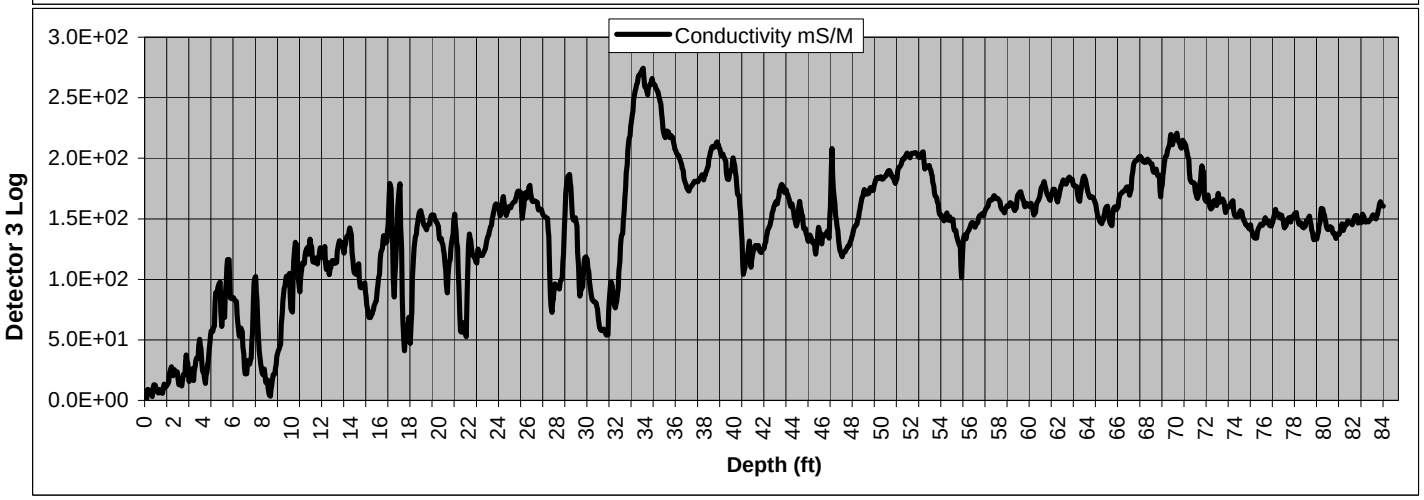




MIP Log Results by Boring - Detector Reading vs. Depth

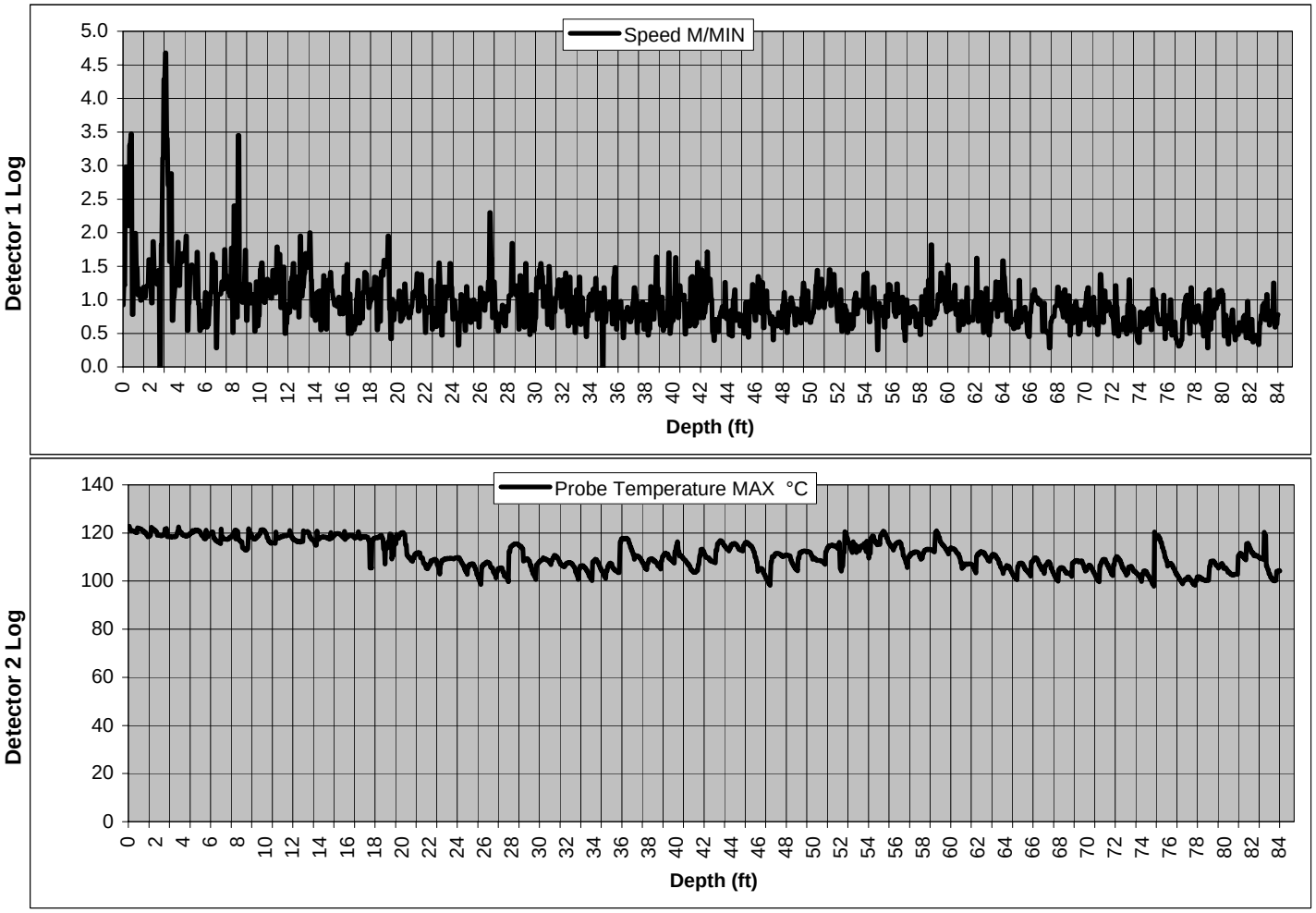
Client:	0	Boring I.D.:	MIP-14	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 24 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	08:40		





MIP Log Results by Boring - Detector Reading vs. Depth

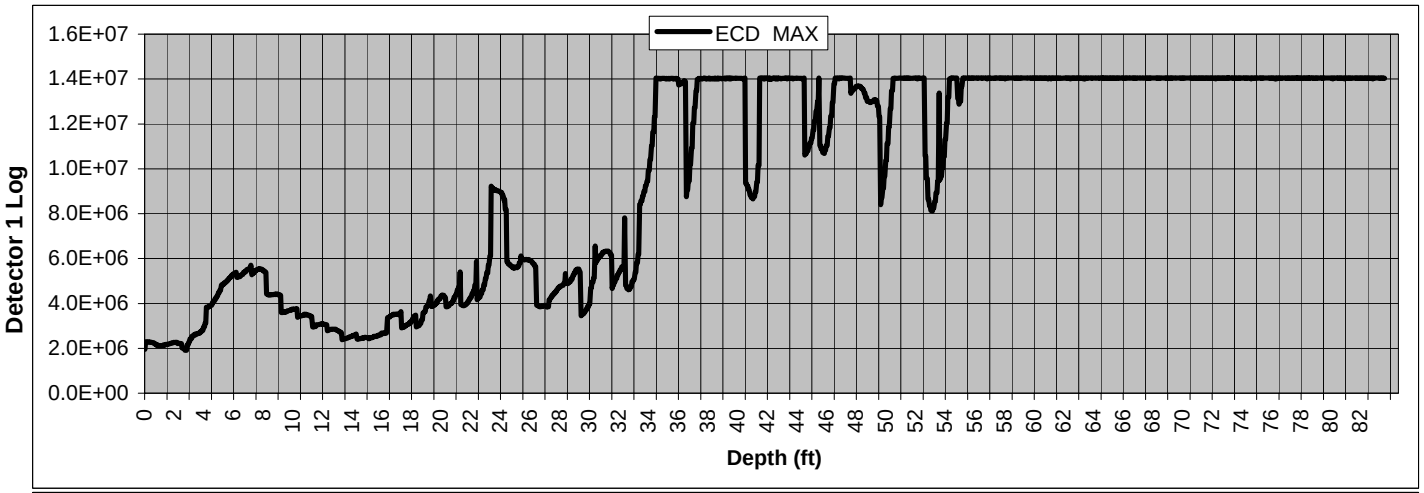
Client:	0	Boring I.D.:	MIP-14	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 24 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	08:40		

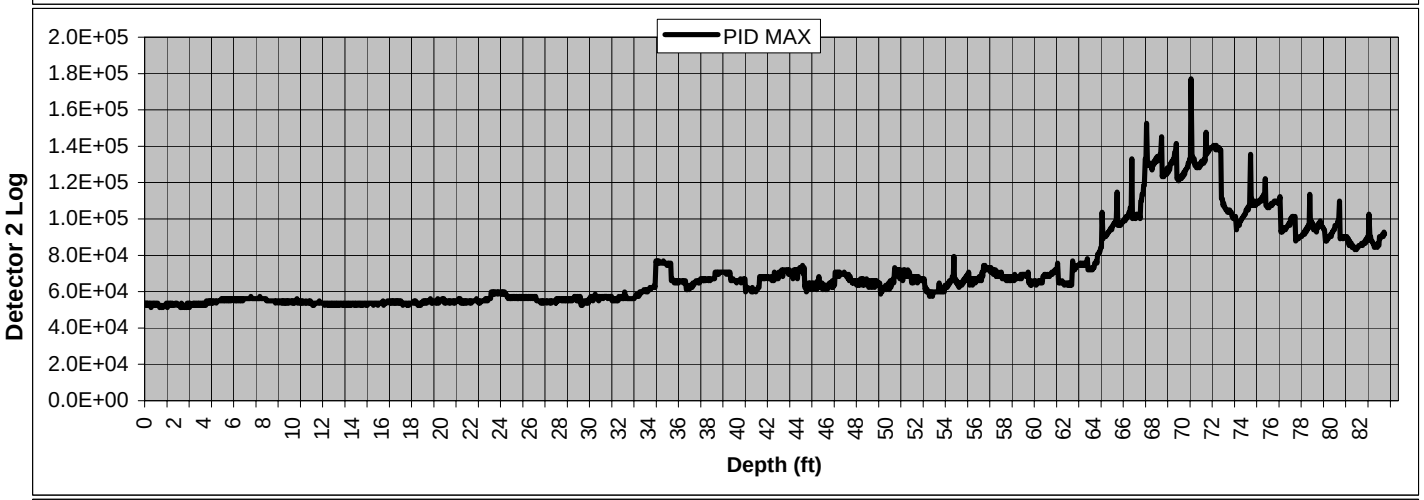


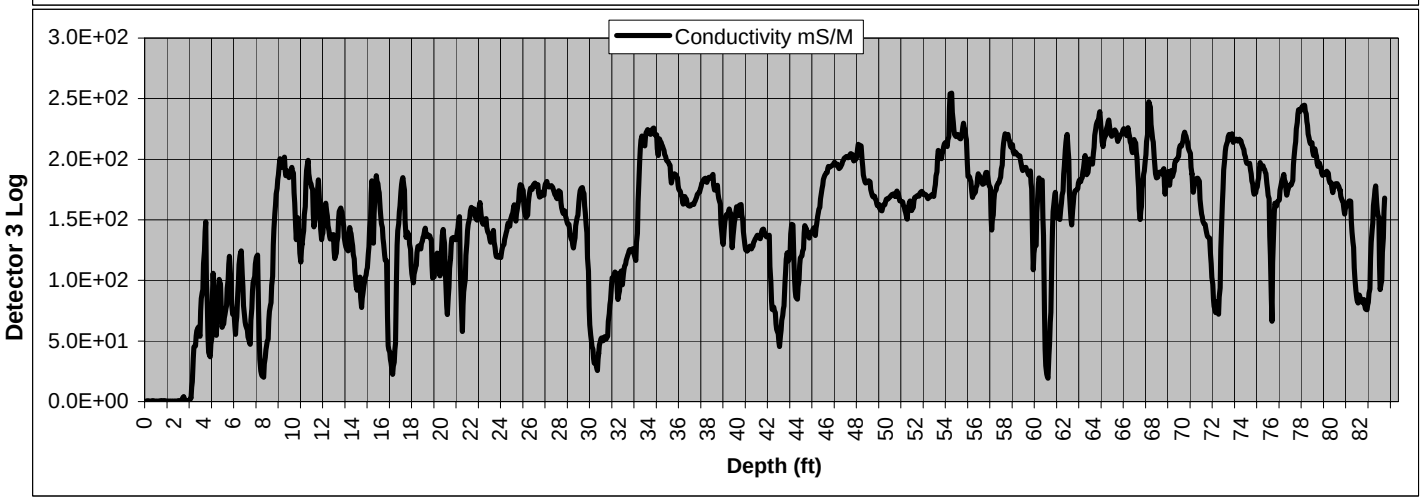
Explanation: FID/PID spike at 21.5 feet due to attenuation change. Hand auger to 5 feet.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-13	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 28 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	15:42	Detector 3 :	Electrical Conductance (EC)

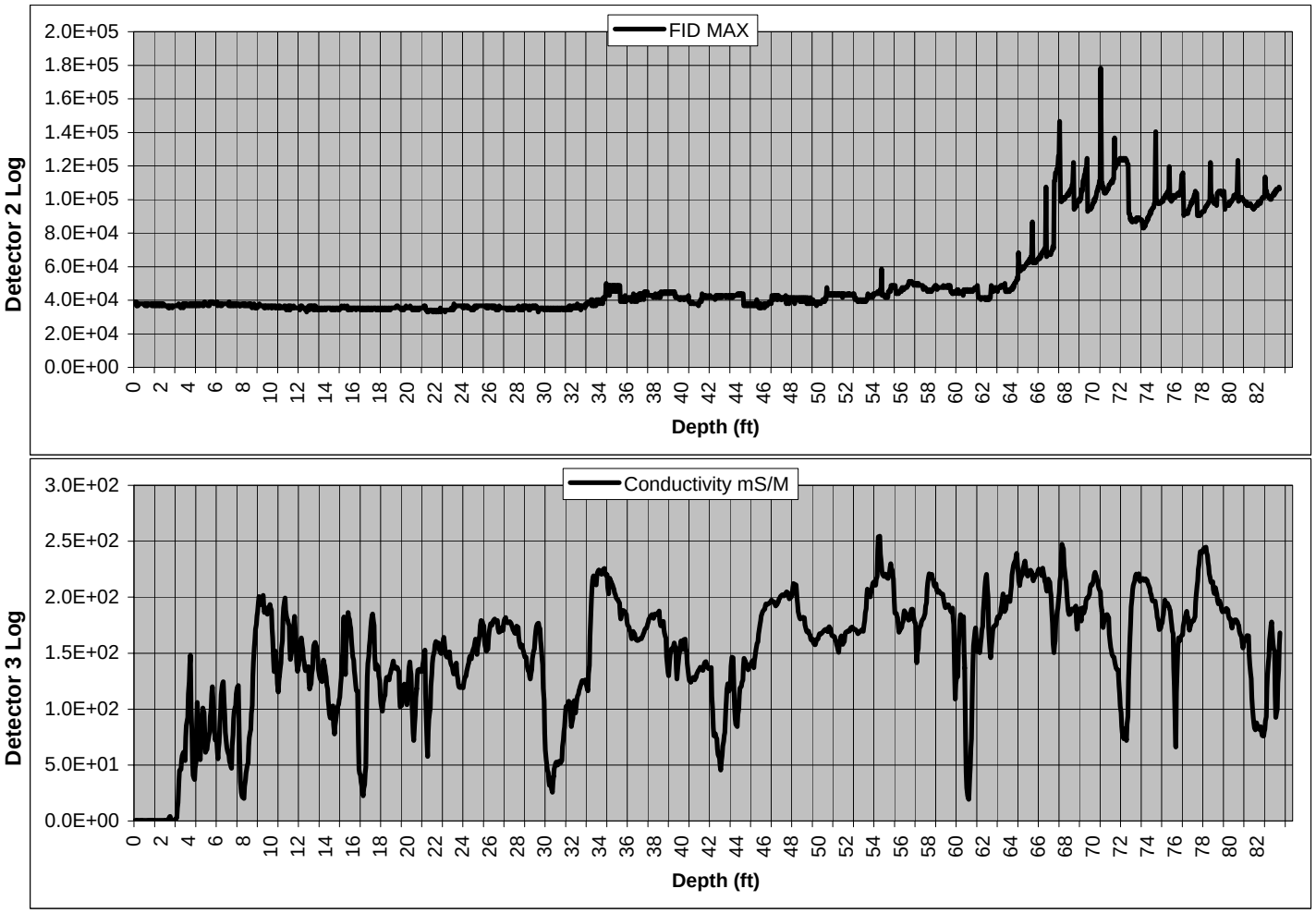






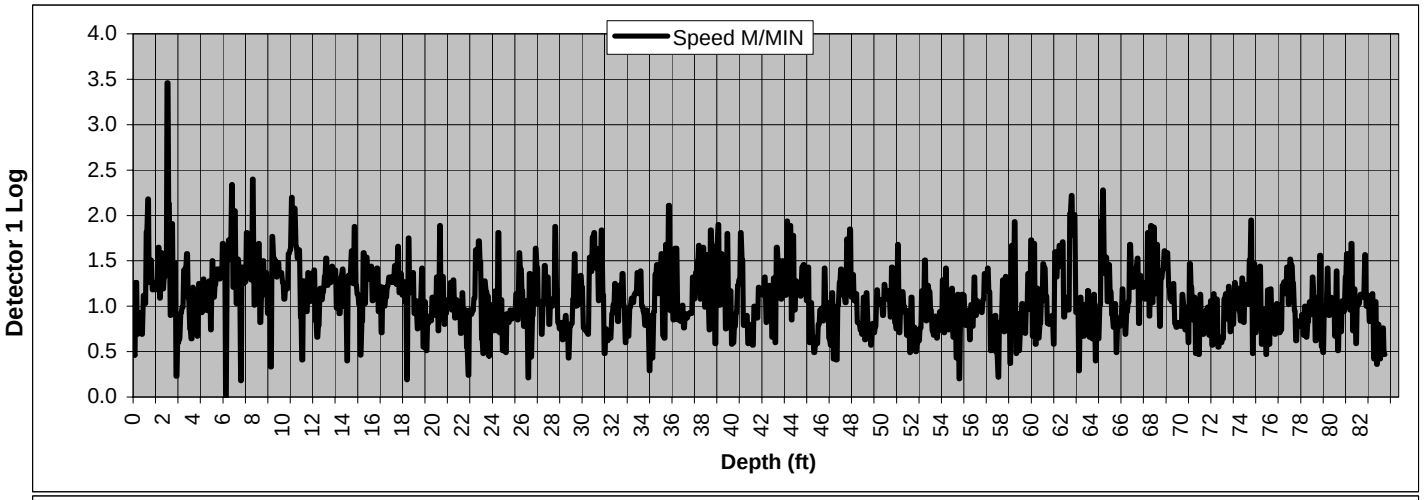
MIP Log Results by Boring - Detector Reading vs. Depth

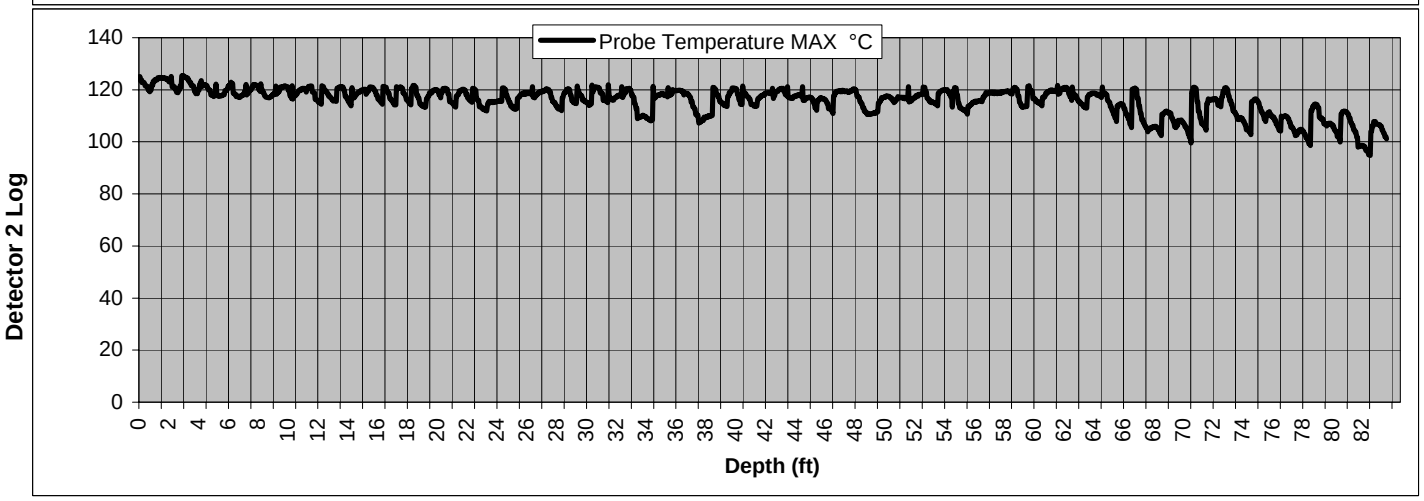
Client:	0	Boring I.D.:	MIP-13	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 28 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	15:42		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-13	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 28 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	15:42		

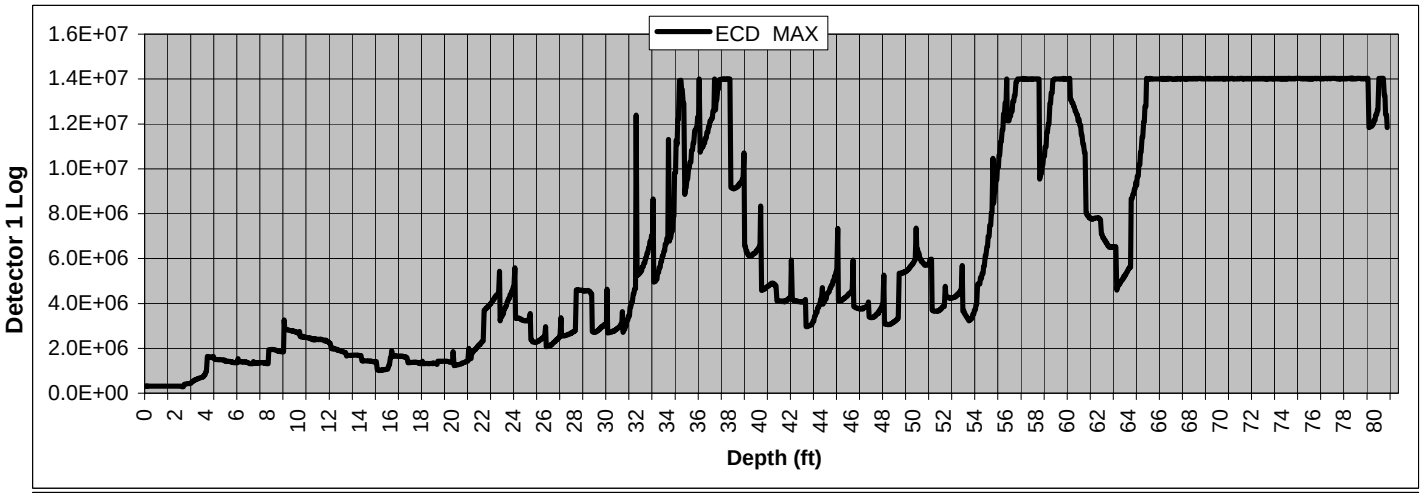


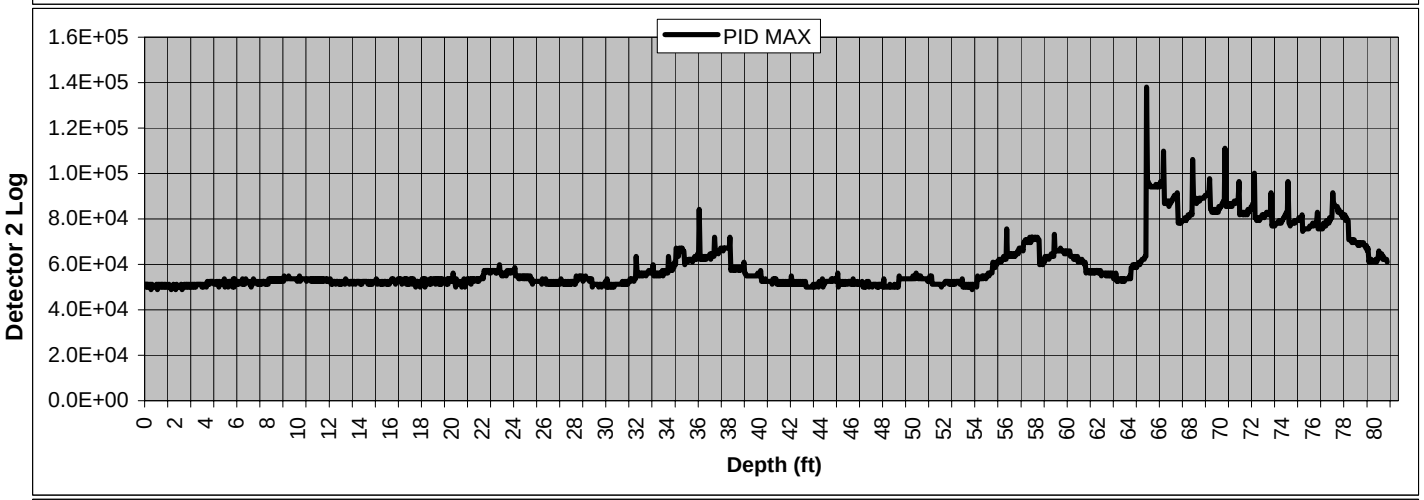


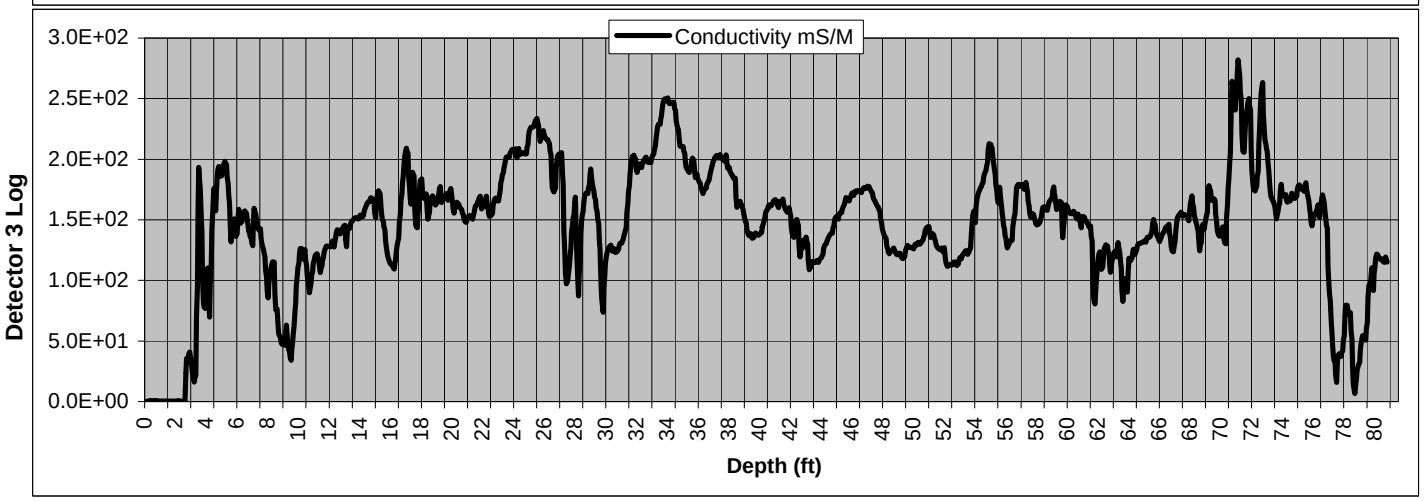
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-15	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 28 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	13:20	Detector 3 :	Electrical Conductance (EC)

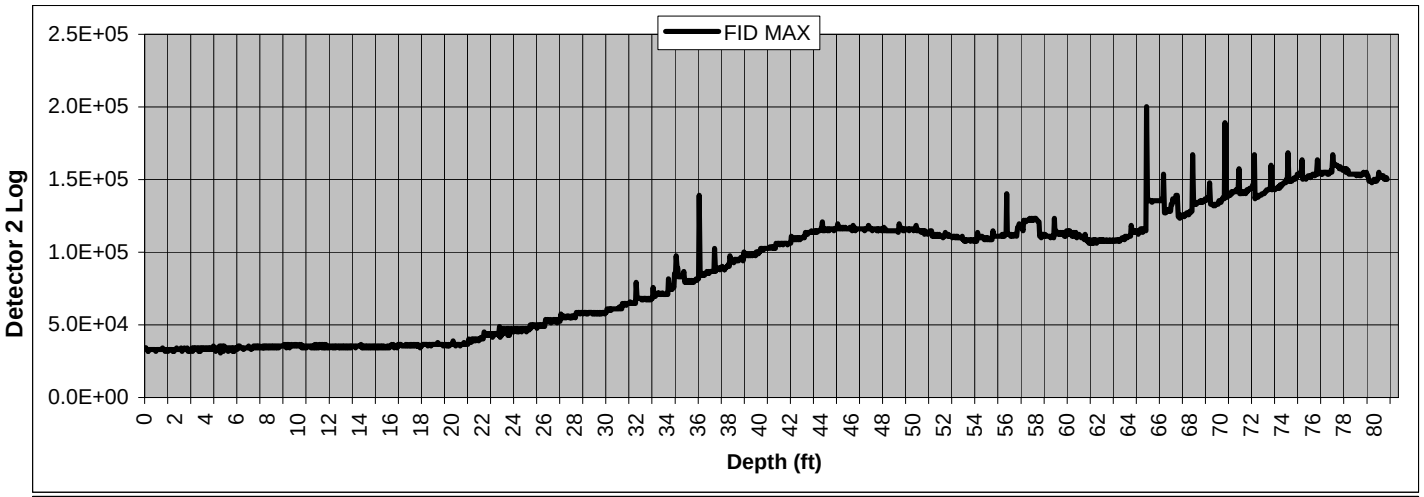


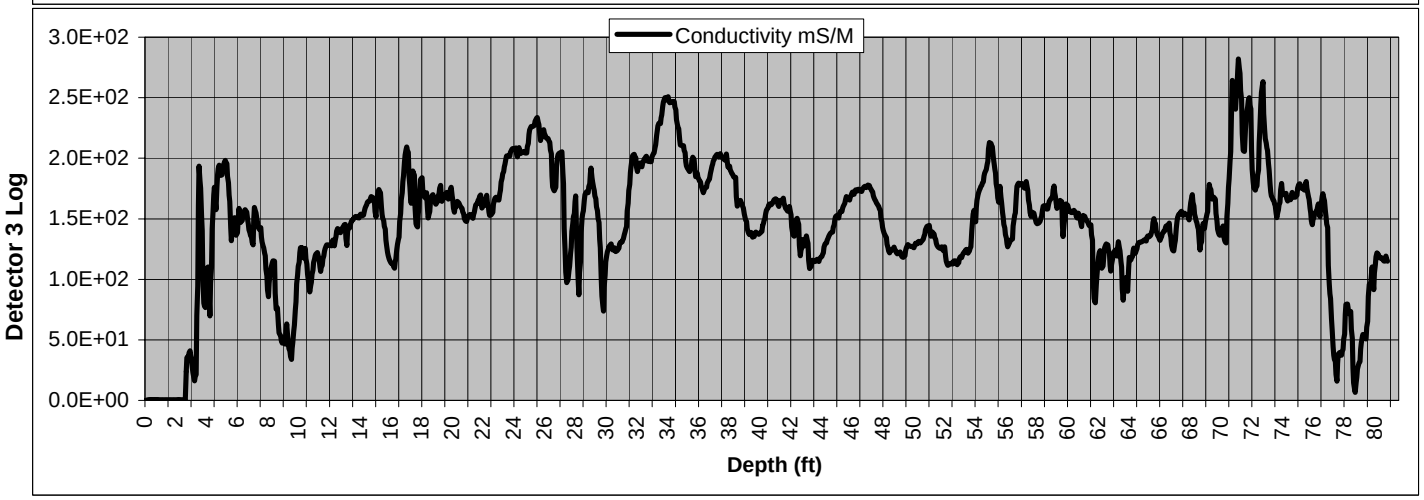




MIP Log Results by Boring - Detector Reading vs. Depth

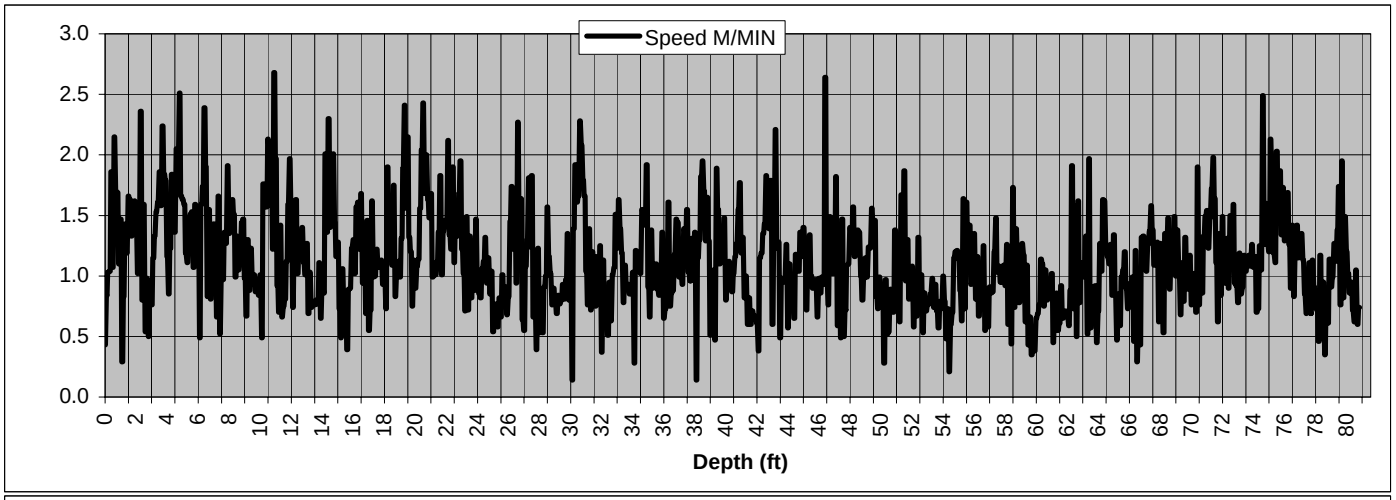
Client:	0	Boring I.D.:	MIP-15	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 28 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	13:20		

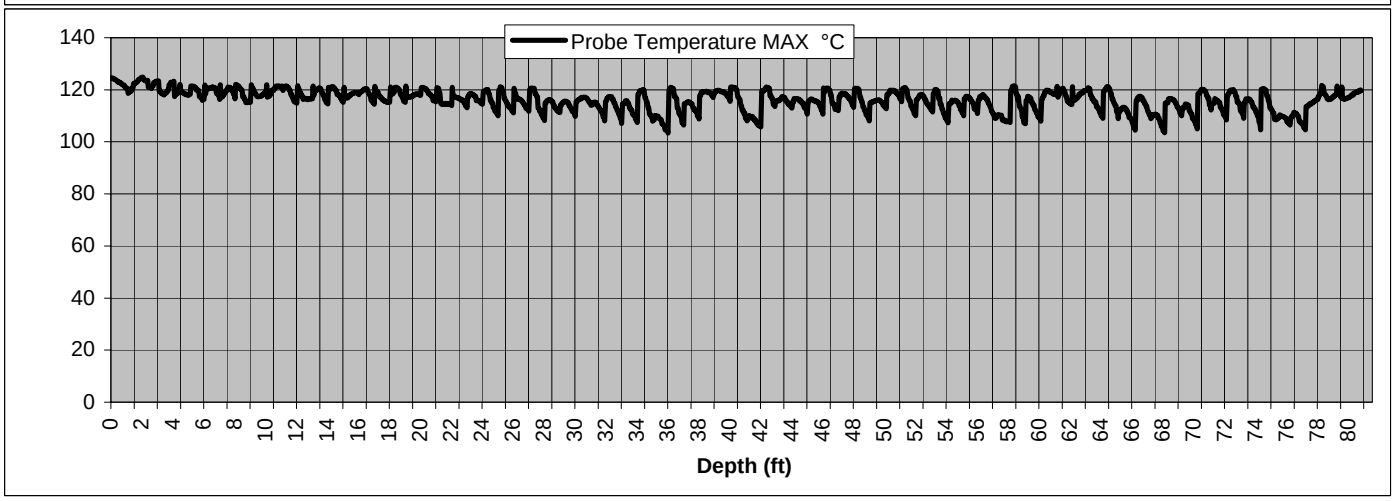




MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-15	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 28 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	13:20		

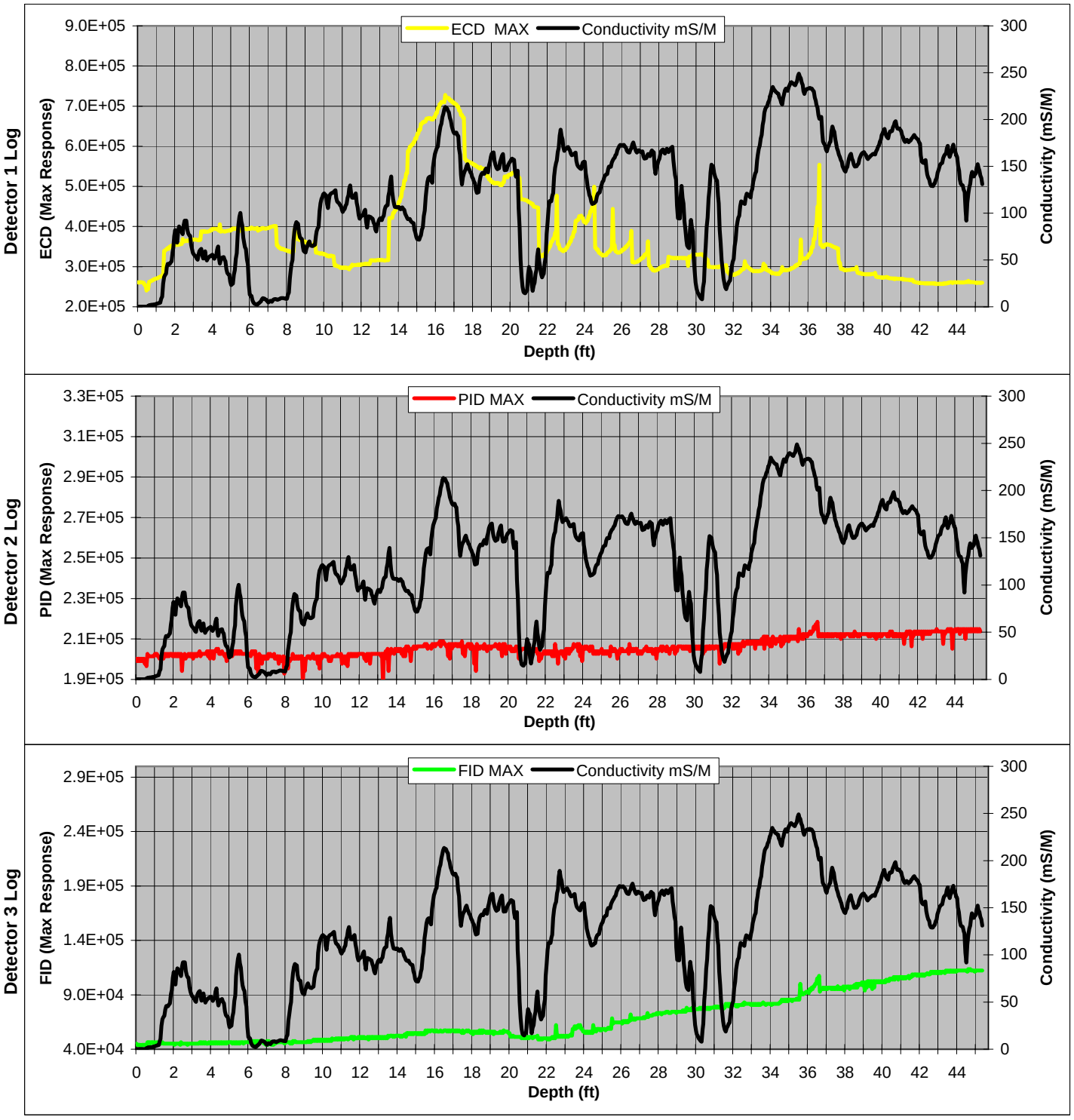




Explanation:

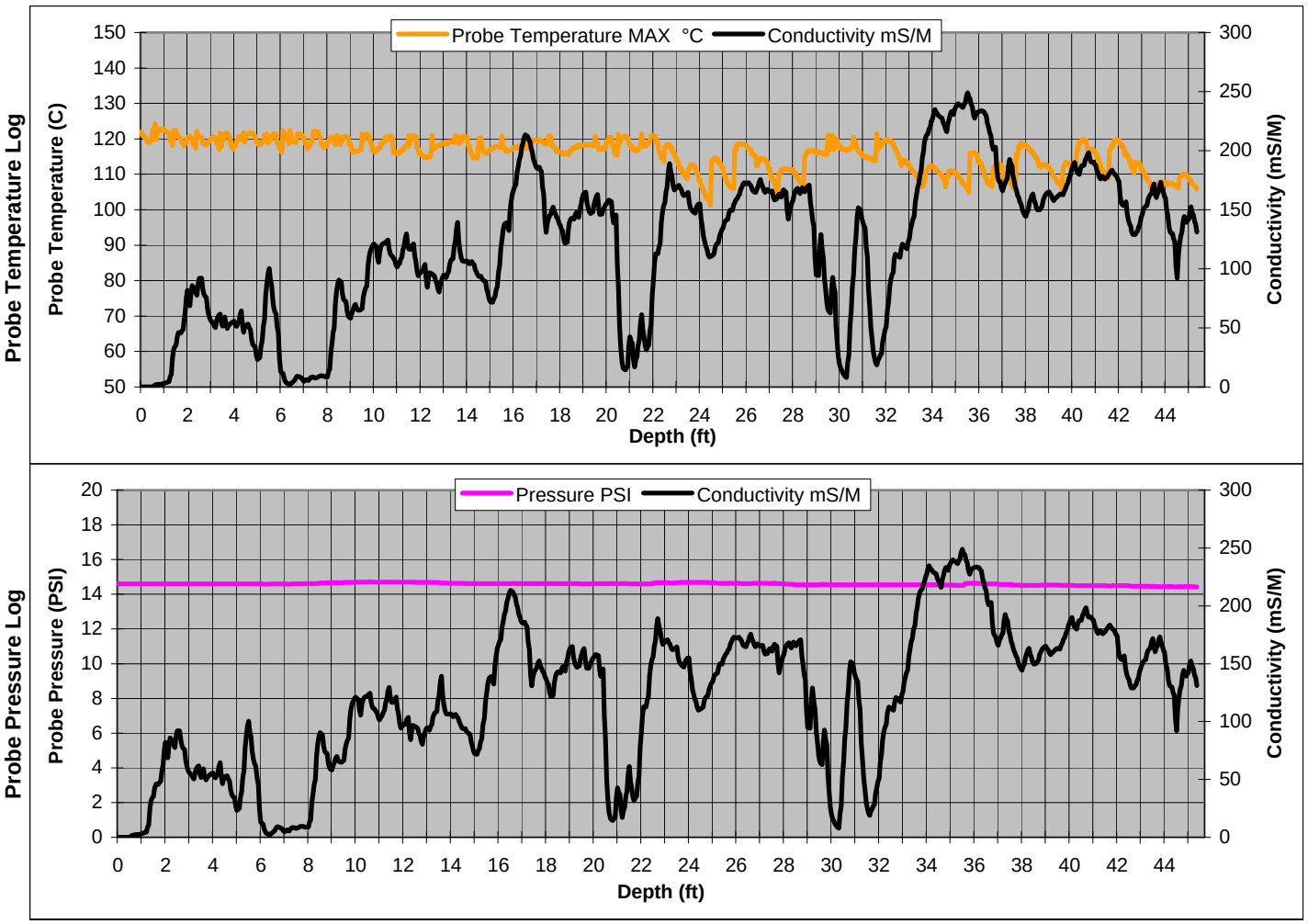
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-16	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 05 2005	Detector 2 :	Photo Ionization (PID)
		Time:	10:02	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

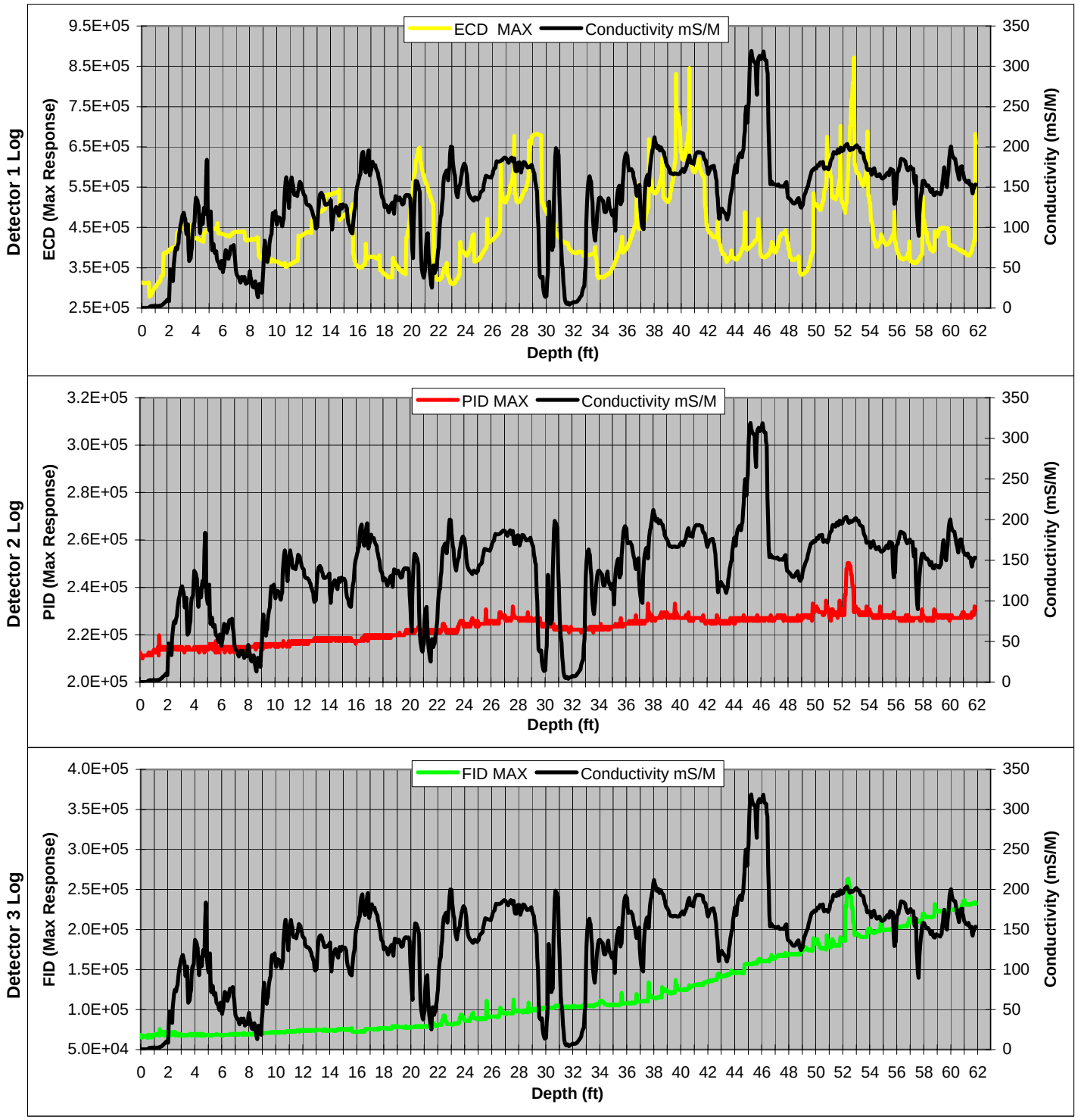
Client:	CDM	Boring I.D.:	MIP-16	Graph 1 :	Probe Temperature (C)
		Date:	Dec 05 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	10:02		



Explanation: Refusal was reached at 45.35 feet bgs.

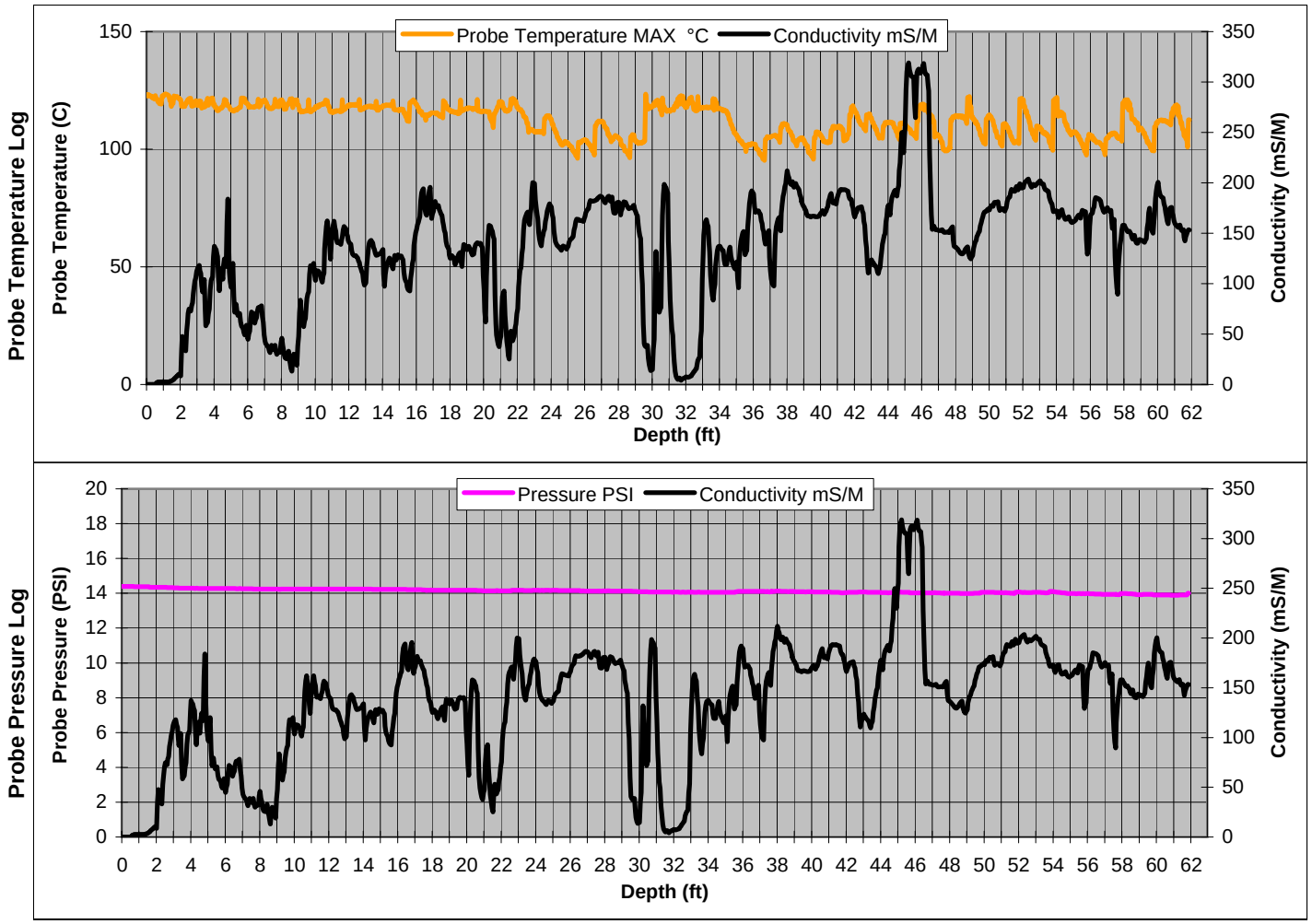
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-16a	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 05 2005	Detector 2 :	Photo Ionization (PID)
		Time:	12:41	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

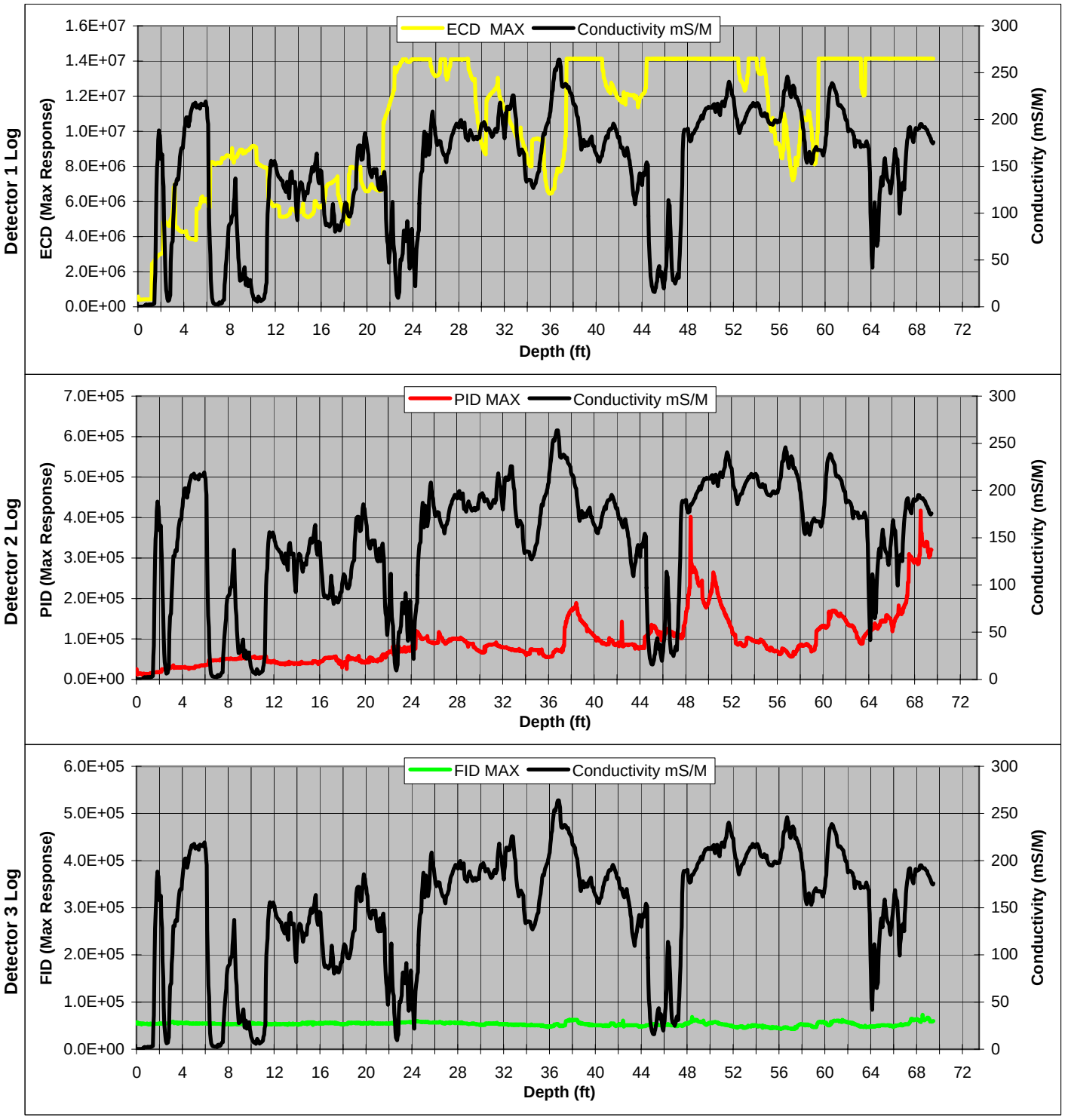
Client:	CDM	Boring I.D.:	MIP-16a	Graph 1 :	Probe Temperature (C)
		Date:	Dec 05 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	12:41		



Explanatio

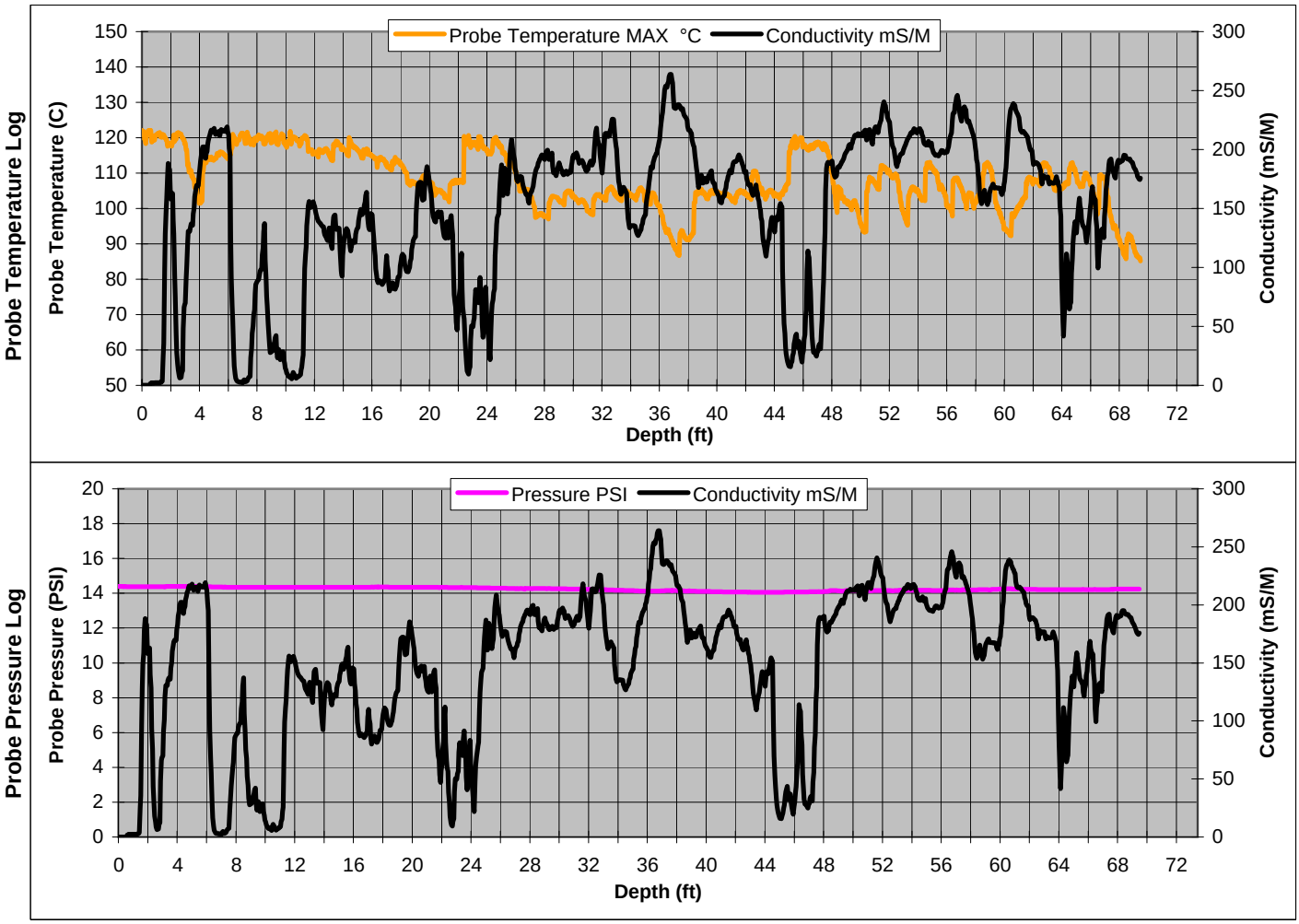
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-17	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 09 2005	Detector 2 :	Photo Ionization (PID)
		Time:	10:59	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

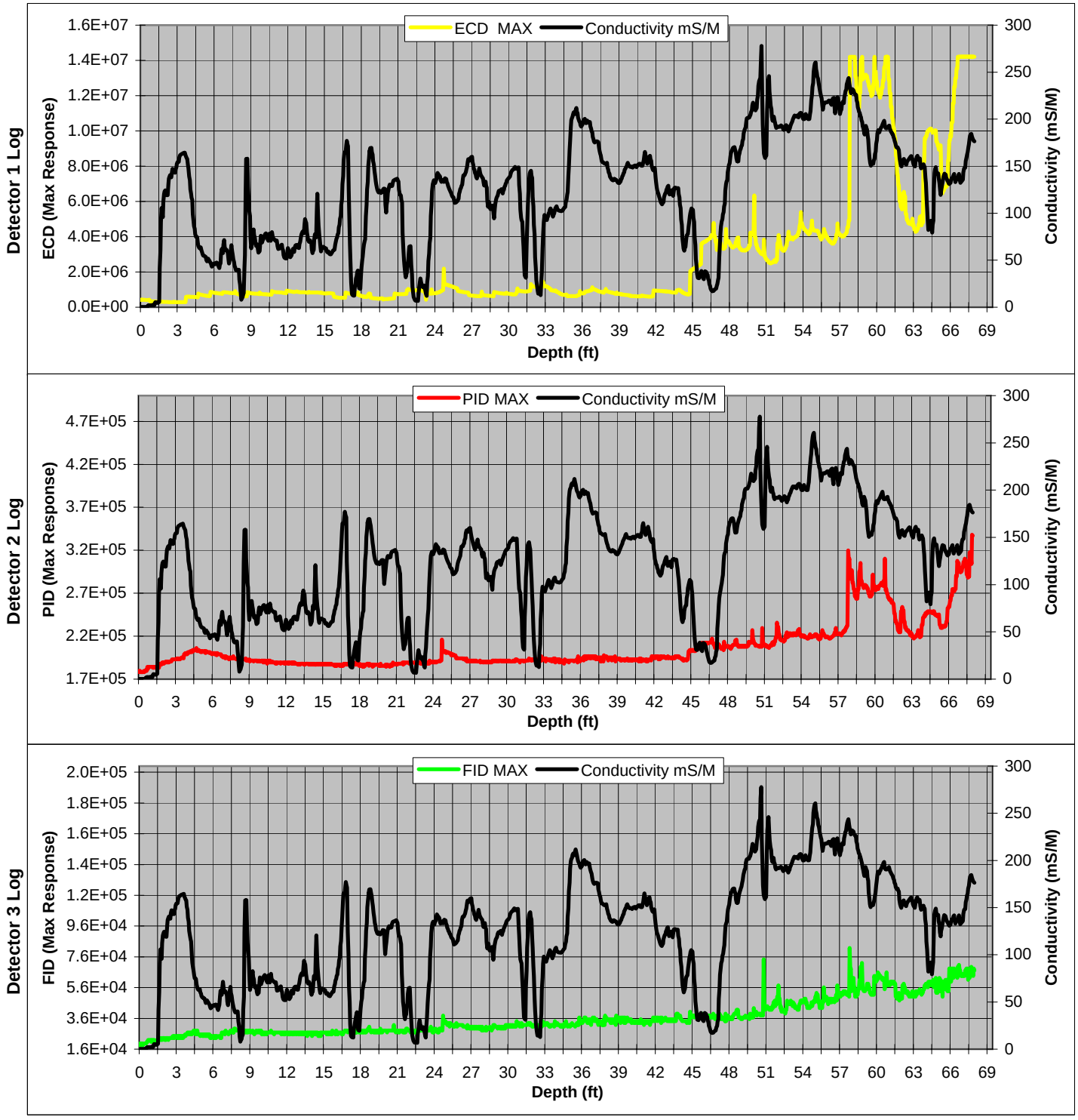
Client:	CDM	Boring I.D.:	MIP-17	Graph 1 :	Probe Temperature (C)
		Date:	Dec 09 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	10:59		



Explanation: Refusal was reached at 69.45 feet bgs. End of day response test not completed due to baseline. PID baseline set at 200.

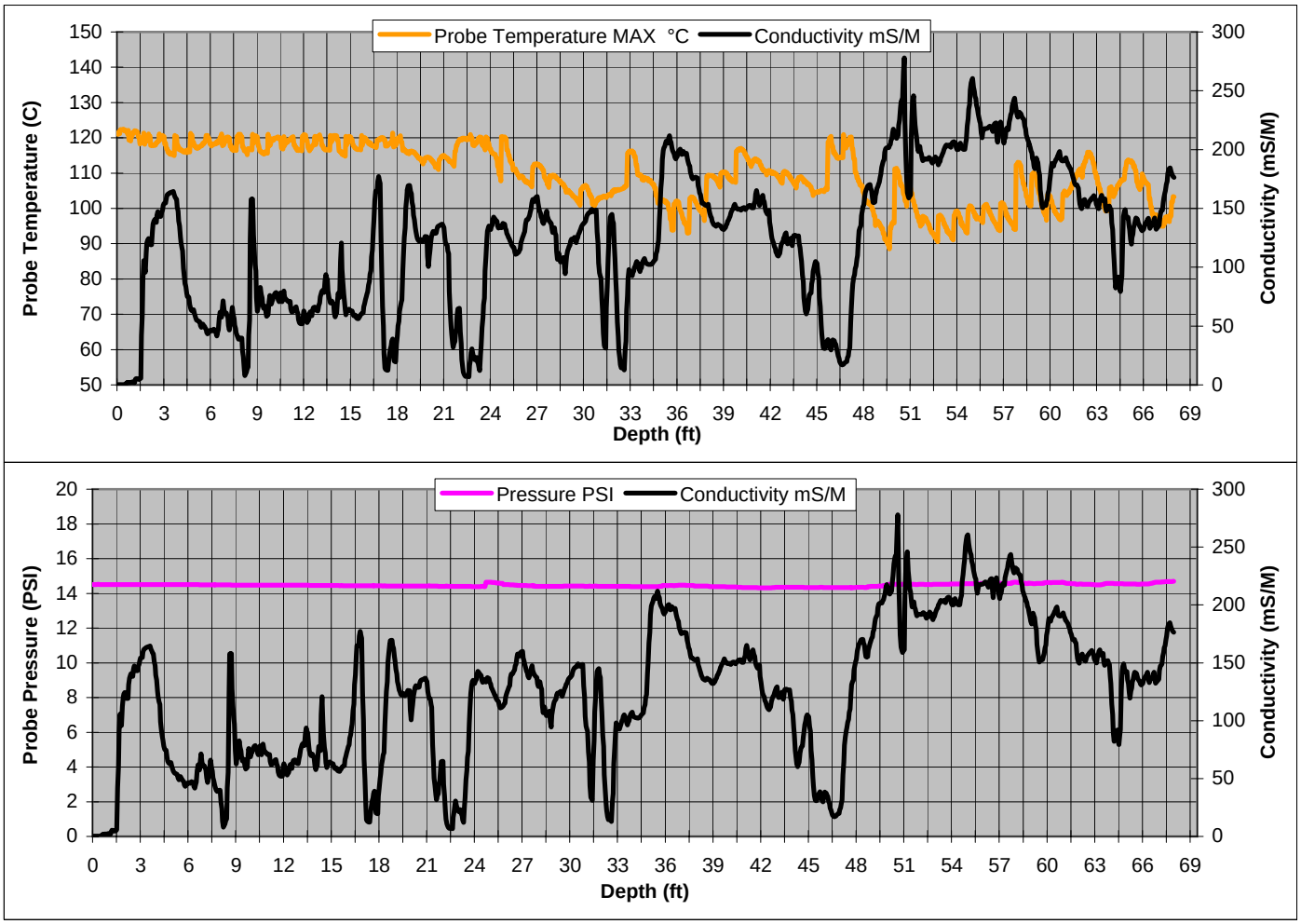
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-18	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 09 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:03	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

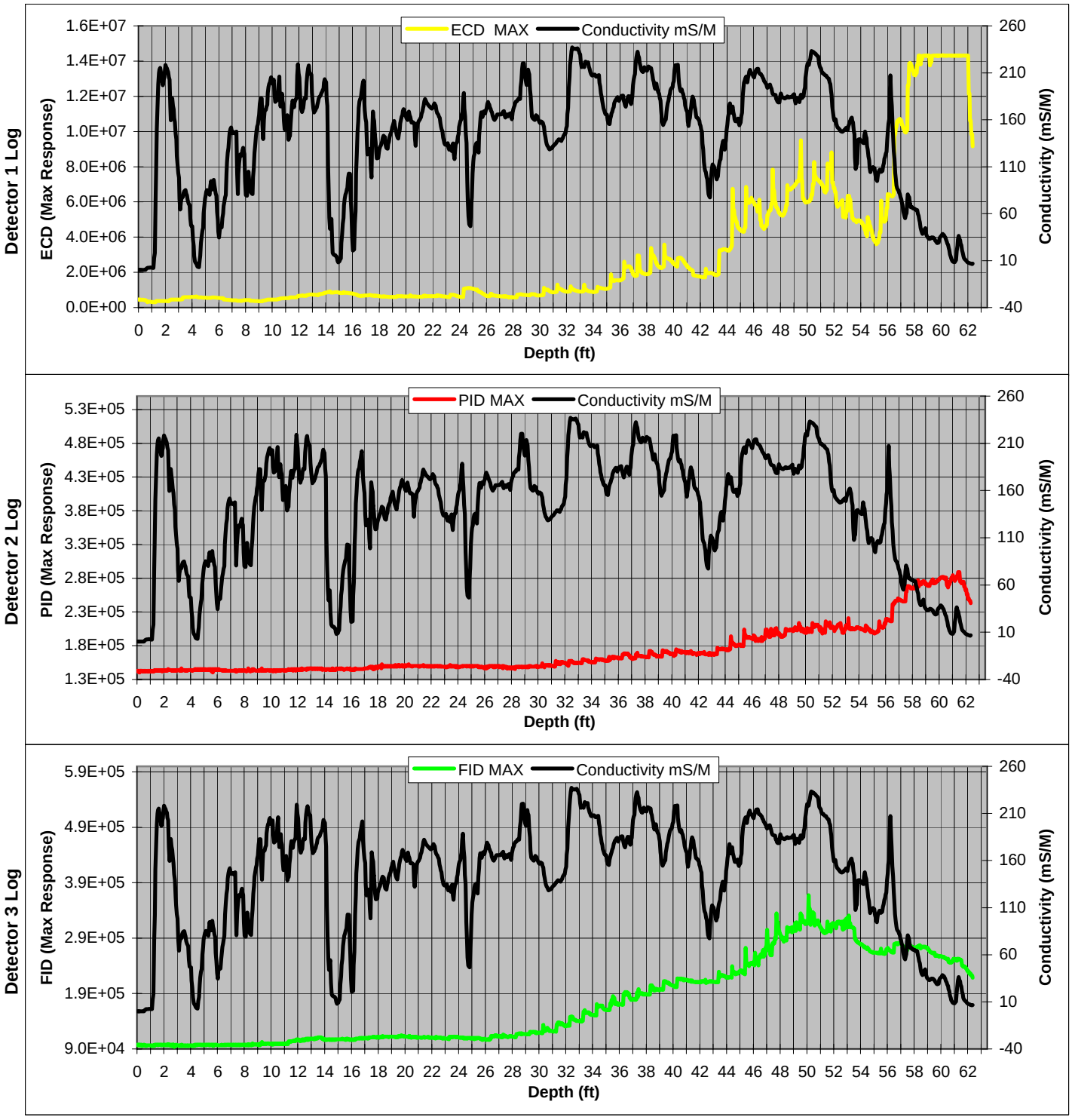
Client:	CDM	Boring I.D.:	MIP-18	Graph 1 :	Probe Temperature (C)
		Date:	Dec 09 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:03		



Explanation: Refusal was reached at 67.95 feet bgs.

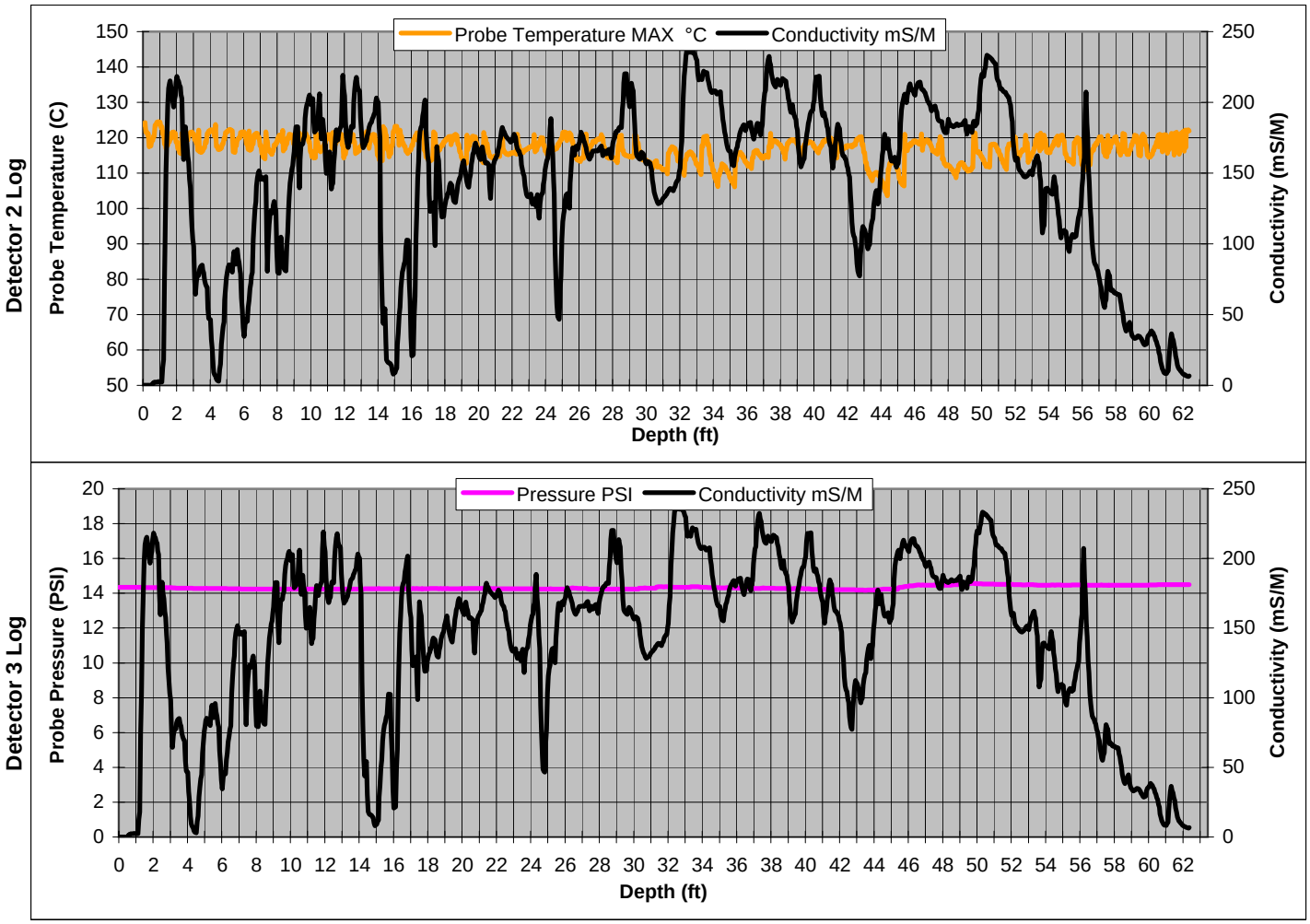
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-19	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 07 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:59	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

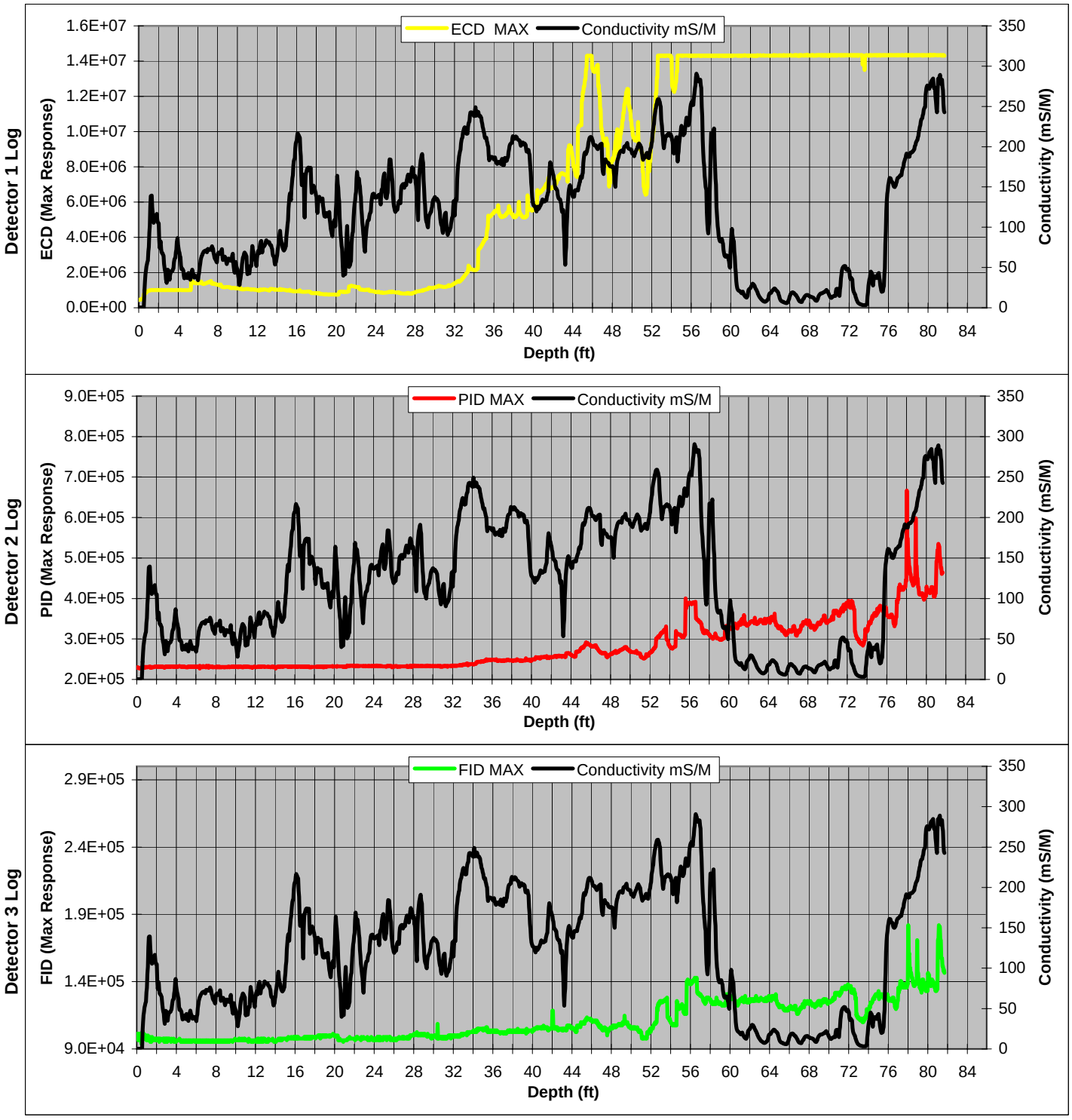
Client:	CDM	Boring I.D.:	MIP-19	Graph 1 :	Probe Temperature (C)
		Date:	Dec 07 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:59		



Explanation: Refusal was reached at 62.35 feet bgs.

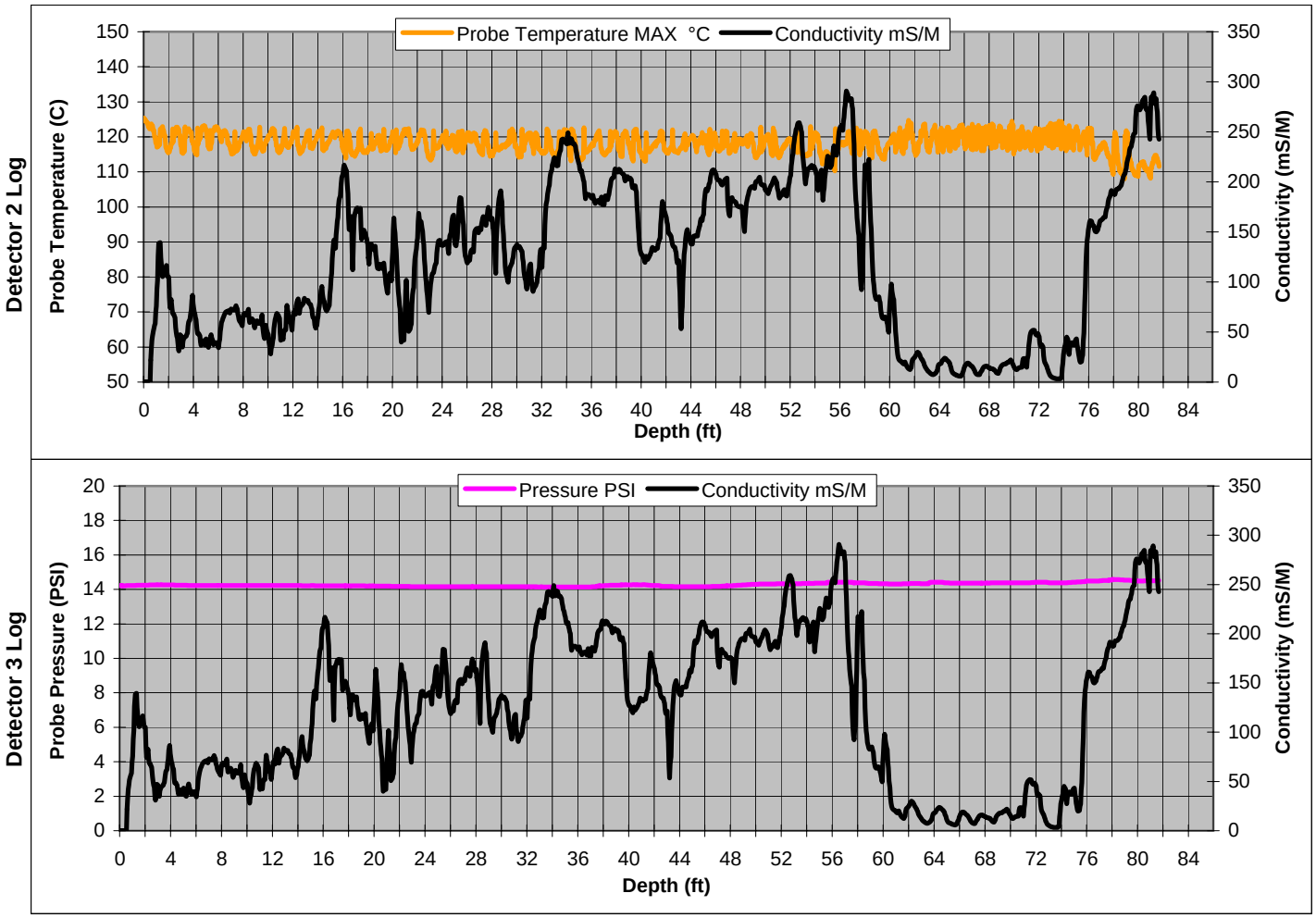
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-20	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 07 2005	Detector 2 :	Photo Ionization (PID)
		Time:	12:08	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

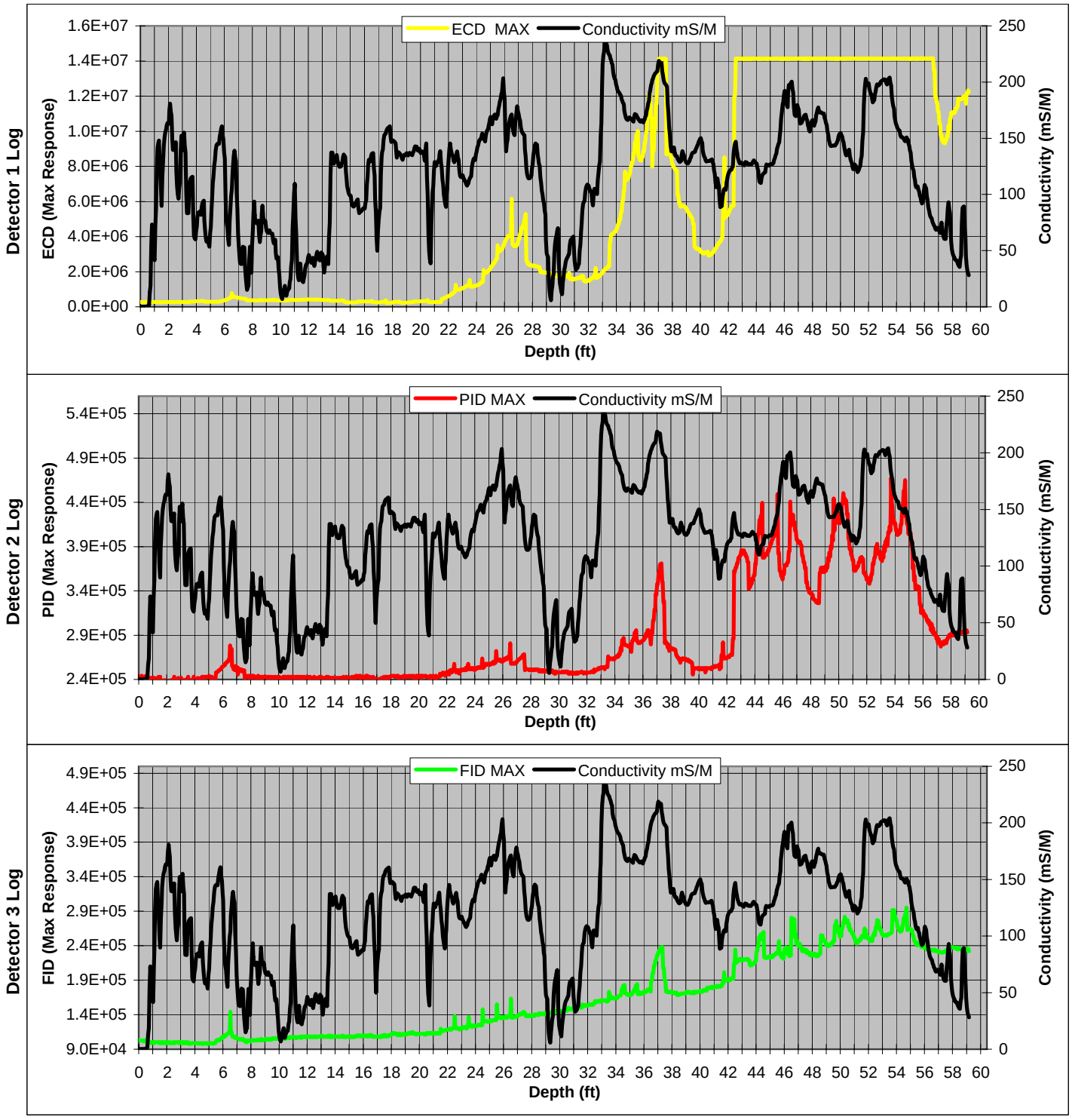
Client:	CDM	Boring I.D.:	MIP-20	Graph 1 :	Probe Temperature (C)
		Date:	Dec 07 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	12:08		



Explanation: Rod broke upon removal.

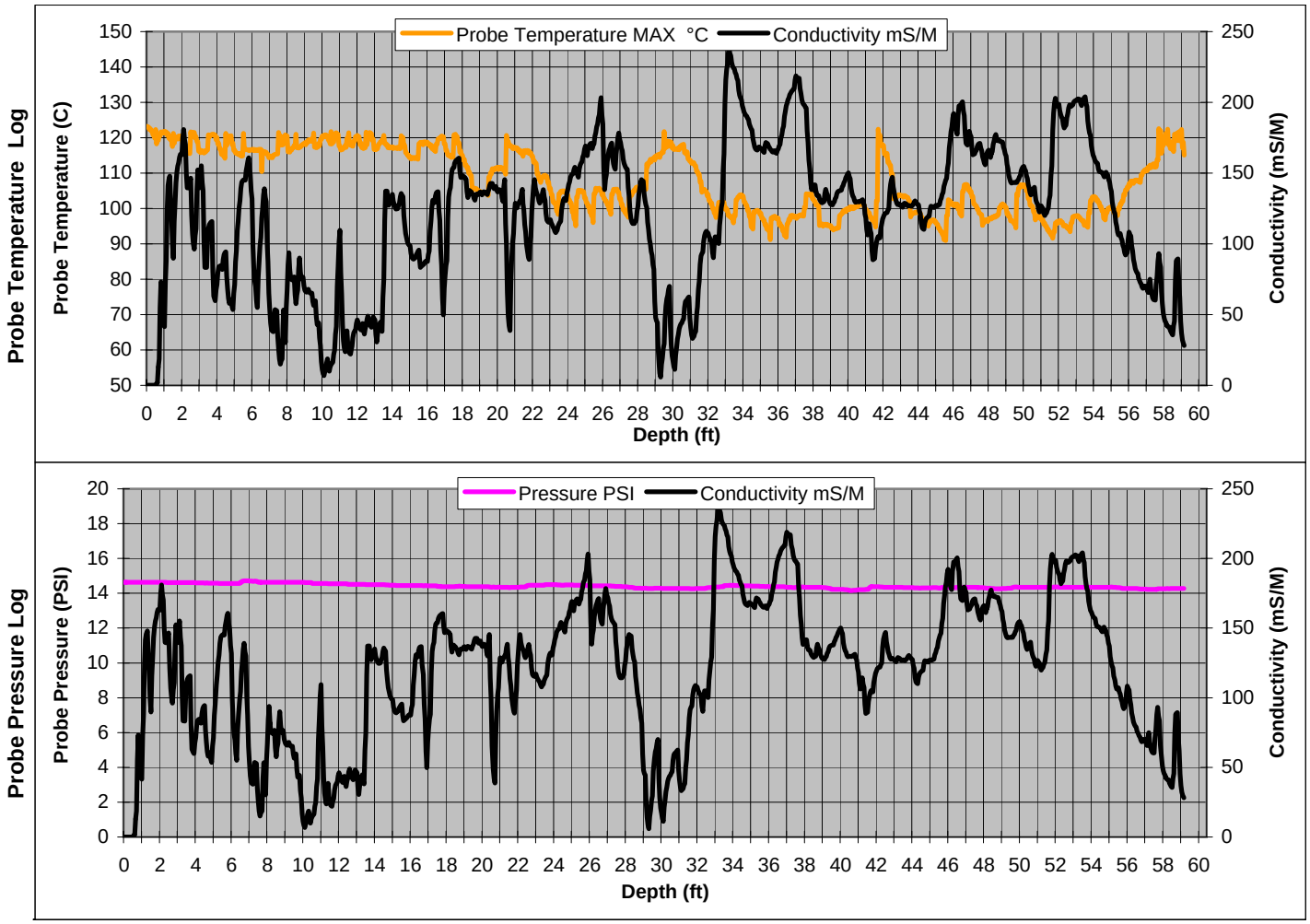
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-21	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 06 2005	Detector 2 :	Photo Ionization (PID)
		Time:	14:41	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

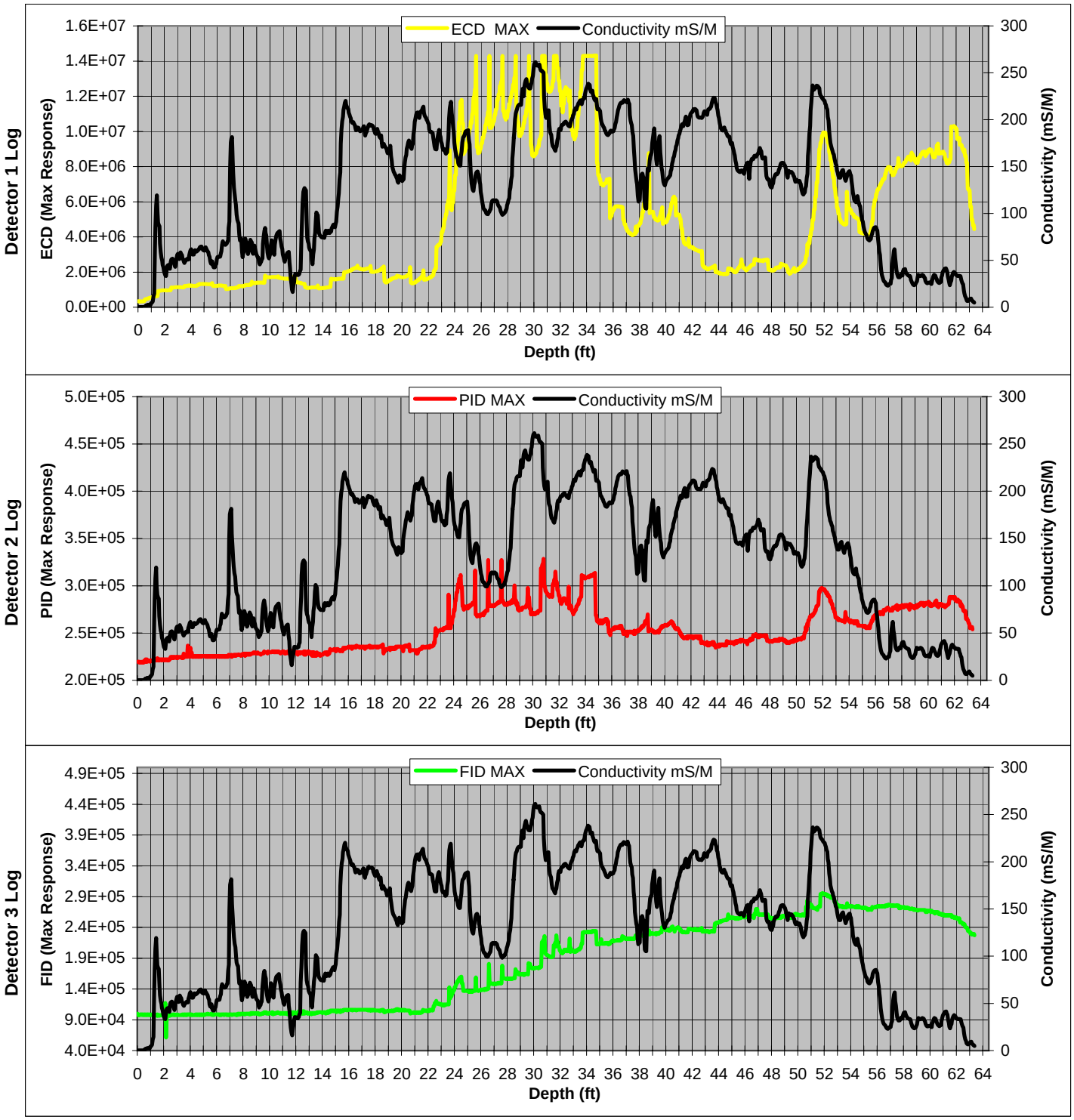
Client:	CDM	Boring I.D.:	MIP-21	Graph 1 :	Probe Temperature (C)
		Date:	Dec 06 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	14:41		



Explanation: Refusal was reached at 59.15 feet bgs.

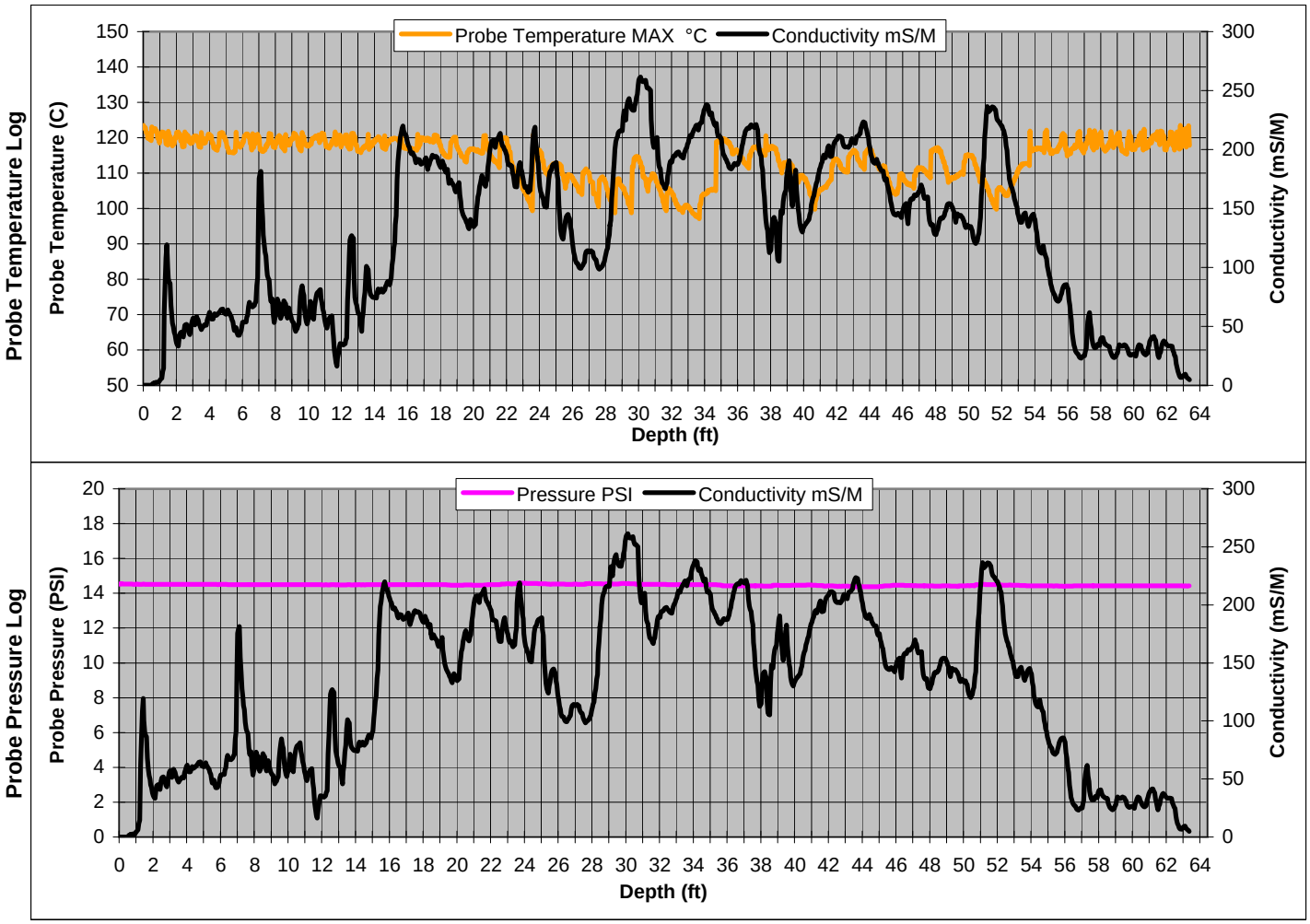
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-22	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 06 2005	Detector 2 :	Photo Ionization (PID)
		Time:	12:09	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

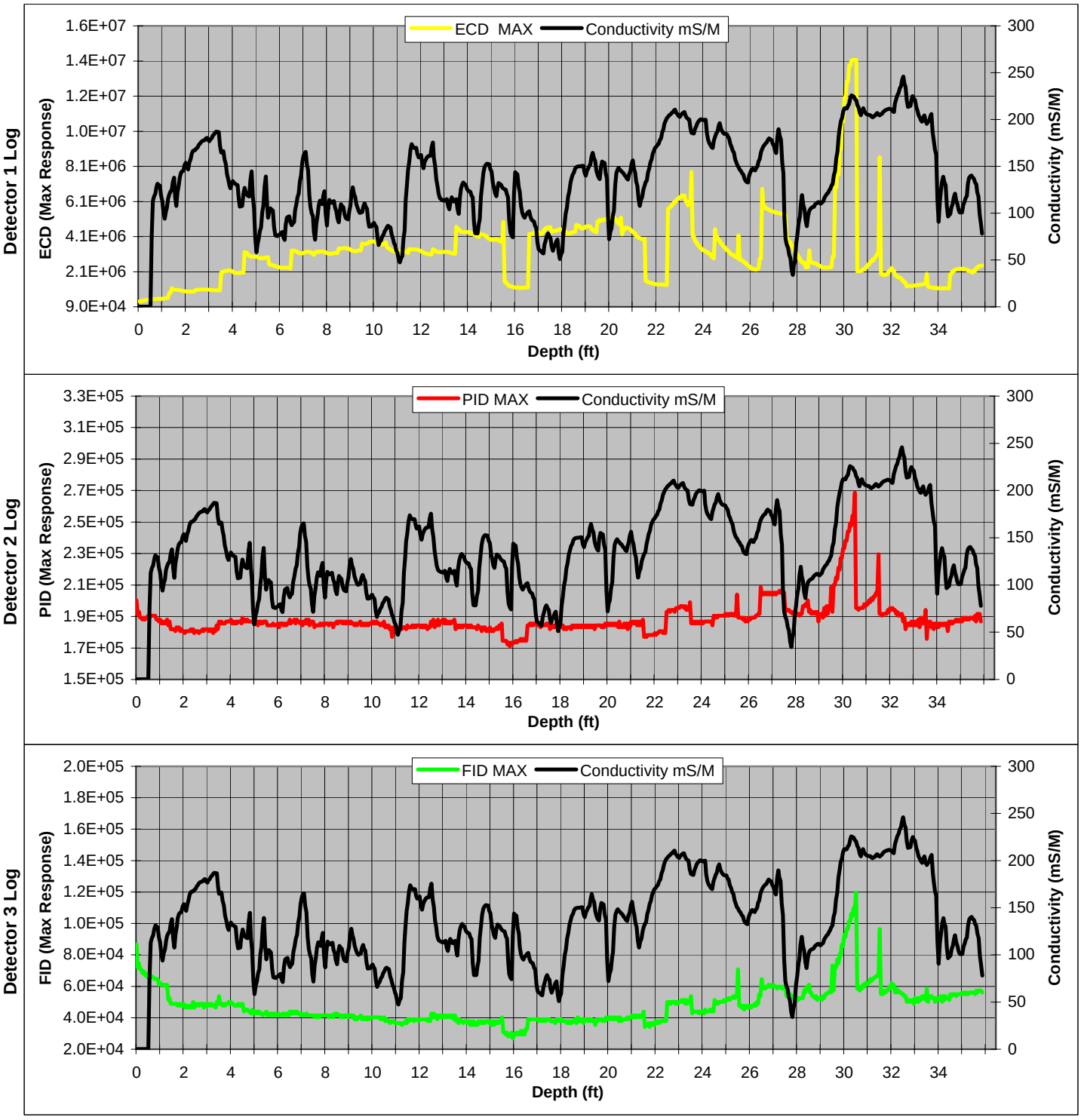
Client:	CDM	Boring I.D.:	MIP-22	Graph 1 :	Probe Temperature (C)
		Date:	Dec 06 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	12:09		



Explanation:

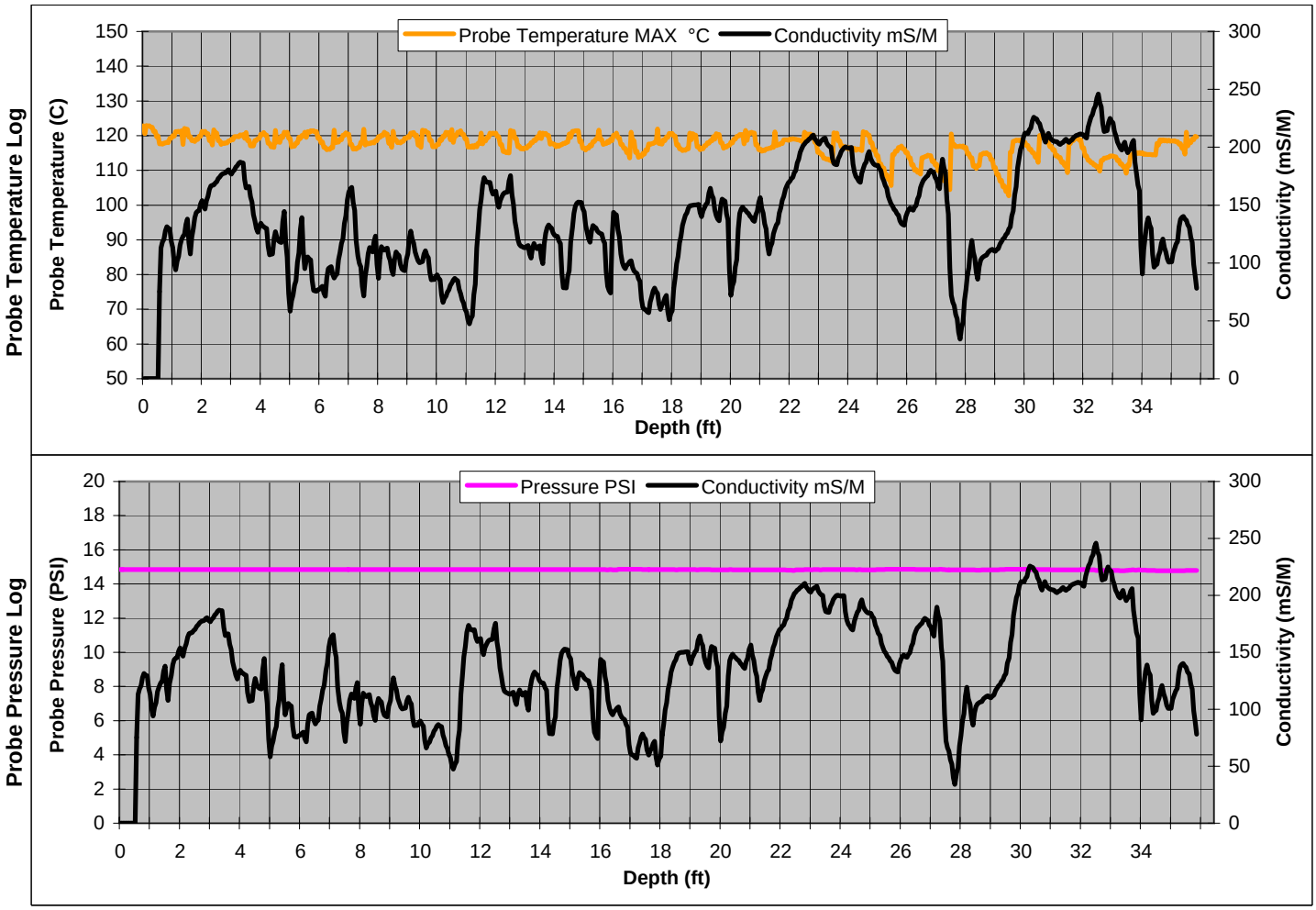
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-23	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 05 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:00	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

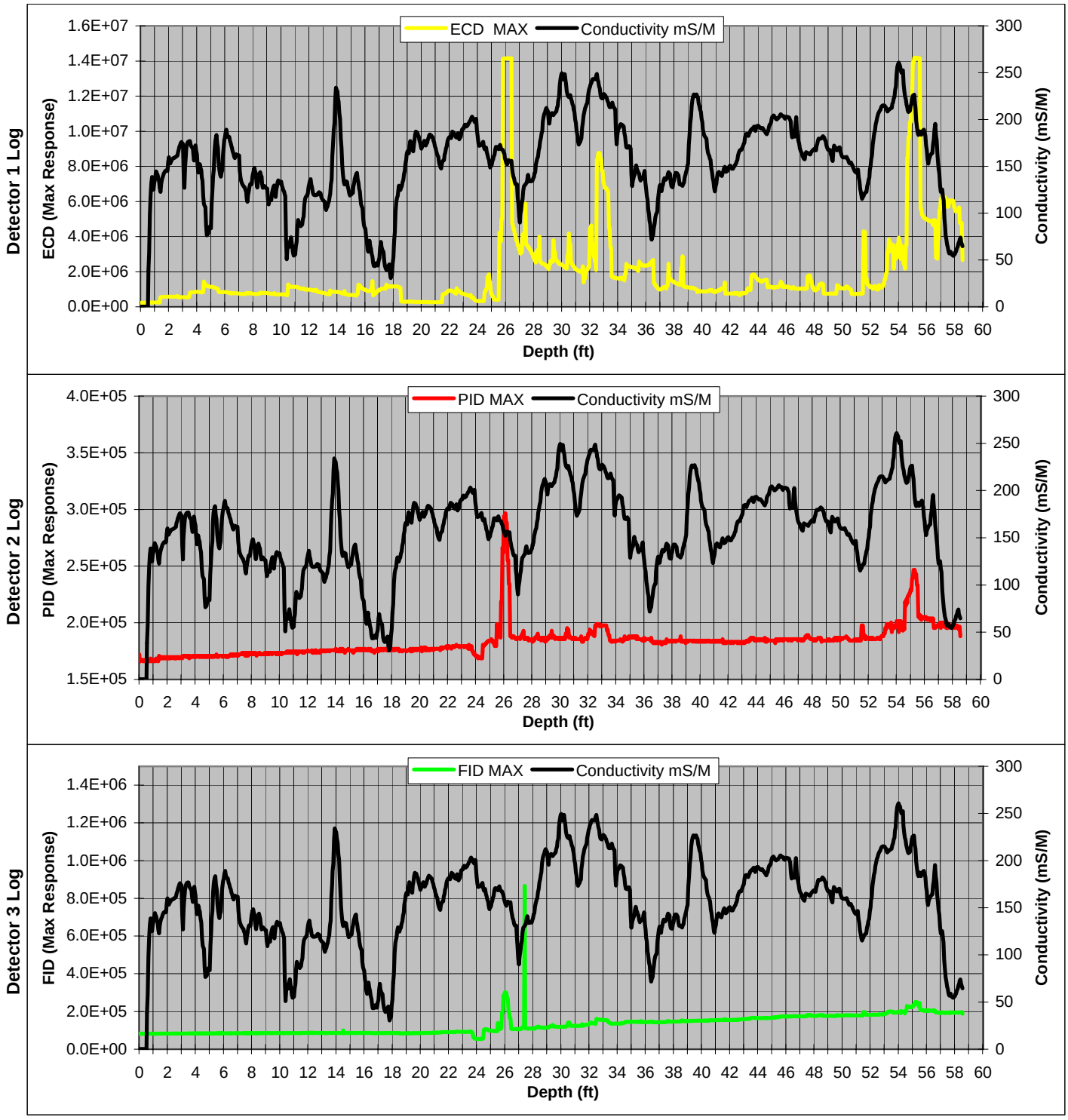
Client:	CDM	Boring I.D.:	MIP-23	Graph 1 :	Probe Temperature (C)
		Date:	Dec 05 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:00		



Explanation: Refusal was reached at 35.85 feet bgs.

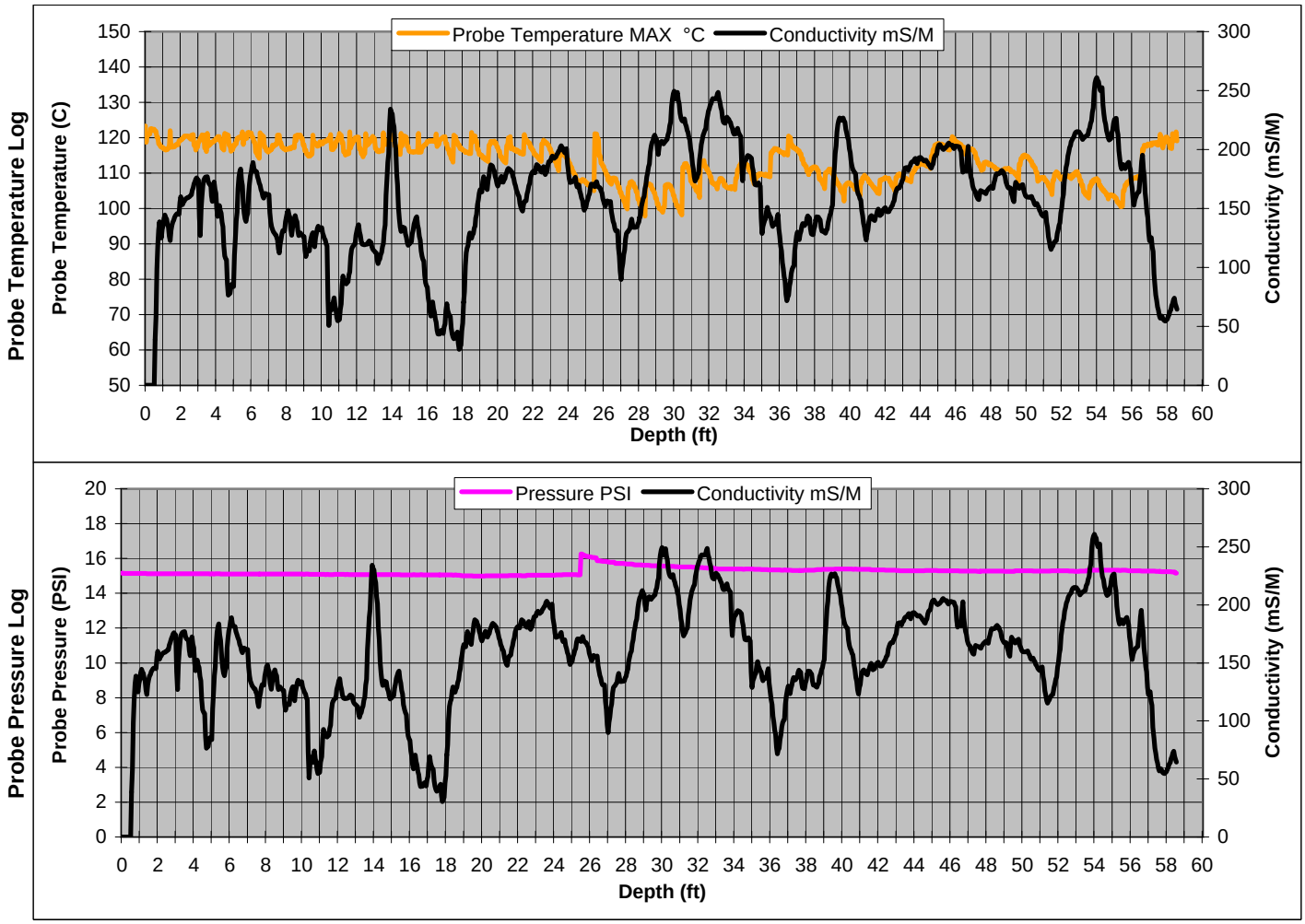
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-24	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 06 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:54	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-24	Graph 1 :	Probe Temperature (C)
		Date:	Dec 06 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:54		



Explanation: Refusal was reached at 58.55 feet bgs.

MIP REPORT

Omega
Whittier, CA

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Client: CDM
18581 Teller Ave., Suite 200
Irvine, CA 92612

Start Date: 2/27/2006
Completed Date: 3/1/2006

Site Address: 12504 East Whittier Blvd., Whittier, CA
Project Name Omega

Project Scope: Collected Membrane Interface Probe logs from 6 boring locations from approximately surface to as deep as 61 feet bgs to identify possible DNAPL plume, and contaminante plume.

Project Information: ~ MIP-30 = Probe broke while retracting.

MIP Boring and Confirmation Sampling Summary

Date Sampled	Time Sampled	Boring Name	Total Depth	Confirmation Samples Soil	Confirmation Samples Groundwater
Feb 27 2006	08:48	MIP-25	55.3		
Feb 27 2006	13:36	MIP-26	52.5		
Feb 28 2006	07:57	MIP-29	60.9		
Feb 28 2006	10:43	MIP-30	60.6		
Mar 01 2006	08:37	MIP-28	52.8		
Mar 01 2006	11:10	MIP-27	53.1		

1225 East McFadden Avenue ● Santa Ana ● CA 92705 ● USA ● Phone 714-647-6290 ● Fax 714-647-6291
San Francisco CA Los Angeles Washington DC Fredericksburg VA Raleigh NC Wilmington DE

Quality Control: Vironex utilizes a response test* prior to each MIP boring. A solution containing water, Trichloroethene & Toluene are mixed and transferred into a galvanized test pipe. The MIP is then lowered into the test pipe for 45 seconds and then extracted. The trip time** is then noted and entered into the SC4000 MIP computer.

**Response Test - A test that ensures that the MIP system is working correctly.*
***Trip Time - Time it takes for the standard to enter the MIP probe, at the probe membrane, till the time a significant response is noticed on the SC 4000 Computer*

MIP Components Used:
- Geoprobe 6600
- FC 4000 MIP Computer
- Flow Control Box
- HP Gas Chromatograph
- ECD (Electron Capture Detector)
- PID (Photo Ionization Detector)
- FID (Flame Ionization Detector)
- 150' Trunk Line
- 1.5" MIP Probe
- 1.5" Drive Rods

Soil Confirmation No confirmation samples were collected

Qualitative Analysis (Identification): The MIP system will detect most VOC's (Volatile Organic Compounds) which have the capability of migrating through the membrane. The ECD (Electron Capture Detector) will typically detect chlorinated compounds. The PID will typically detect aromatic and double bonded compounds, typical of gasoline components and some solvents. At high concentrations the ECD, PID and FID may detect other compounds not normally associated with the detector. Physical soil samples which are prepared by EPA Method 5035, and analyzed by EPA Method 8260, may be semi correlated with the MIP responses. The MIP responses are semi-correlated with most detected compounds, even those which are not reported nor detected by EPA Method 8260.

Lithology: The conductivity of soils is different for each type of media. Finer grained sediments, such as silts or clays, will have a higher EC signal. While coarser grained sediments, sands and gravel, will have a lower EC signal. Lithology should be correlated with a physical soil sample.

Frank Stolfi
National Director of MIP Serivces

1225 East McFadden Avenue ● Santa Ana ● CA 92705 ● USA ● Phone 714-647-6290 ● Fax 714-647-6291
San Francisco CA Los Angeles Washington DC Fredericksburg VA Raleigh NC Wilmington DE

Client: CDM
18581 Teller Ave., Suite 200
Irvine, CA 92612

Start Date: 2/27/2006
Completed Date: 3/1/2006

Site Address: 12504 East Whittier Blvd., Whittier, CA
Project Name: Omega

MIP Quality Control

Standard Summary

Boring Name	Date	Time	Standard	PID Response	ECD Response	Pressure (PSI)	Response Time (s)
QA/QC1	Feb 27 2006	08:18	1ppm TCE & Toluene	Yes	Yes	13.44	65
MIP-25	Feb 27 2006	08:48				13.30	65
QA/QC2	Feb 27 2006	13:27	1ppm TCE & Toluene	Yes	Yes	13.13	68
MIP-26	Feb 27 2006	13:36				13.05	68
QA/QC3	Feb 28 2006	07:50	1ppm TCE & Toluene	Yes	Yes	13.71	70
MIP-29	Feb 28 2006	07:57				13.43	70
QA/QC4	Feb 28 2006	10:20	1ppm TCE & Toluene	Yes	Yes	13.18	70
MIP-30	Feb 28 2006	10:43				13.01	70
QA/QC5	Mar 01 2006	07:59	1ppm TCE & Toluene	Yes	Yes	11.33	83
MIP-28	Mar 01 2006	08:37				11.25	83
QA/QC6	Mar 01 2006	10:09	1ppm TCE & Toluene	Yes	Yes	11.51	83
MIP-27	Mar 01 2006	11:10				11.76	83

End of Day QA QC Summary

Boring Name	Date	Time	Standard	PID Response	ECD Response	Pressure (PSI)	Response Time (s)
End of Day 1	Feb 27 2006	15:18	1ppm TCE & Toluene	Yes	Yes	12.87	70
	None done due to broke probe						
End of Day 3	Mar 01 2006	14:09	1ppm TCE & Toluene	Yes	Yes	11.51	85

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SITE MAP

Map provided by CDM

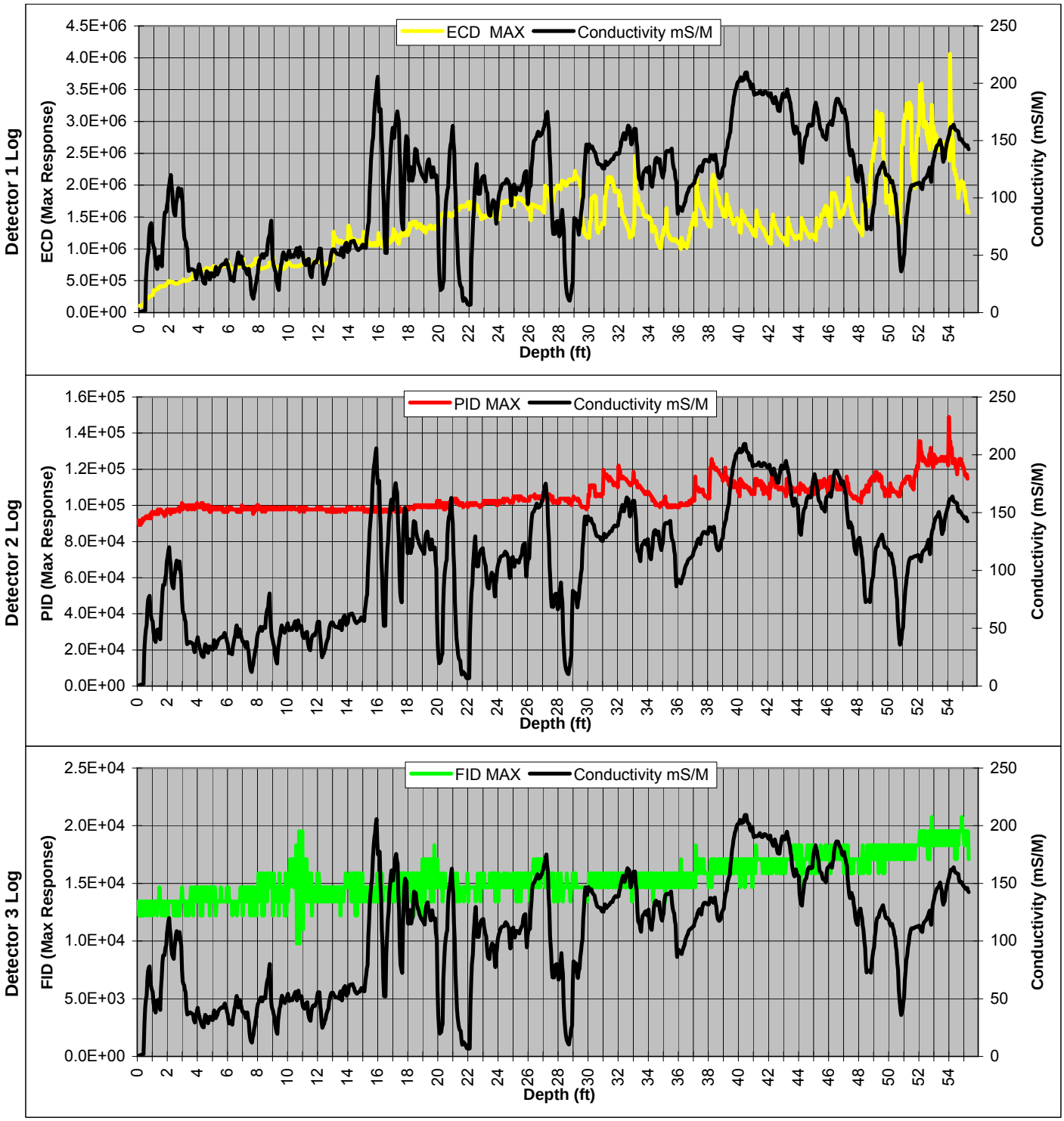
Confirmation Locations

Sample ID	TPHg mg/Kg*	PID Response	Soil Conductivity Response	Comments
Not Data Provided				

** TPHg = Total Petroleum Hydrocarbons Gas*

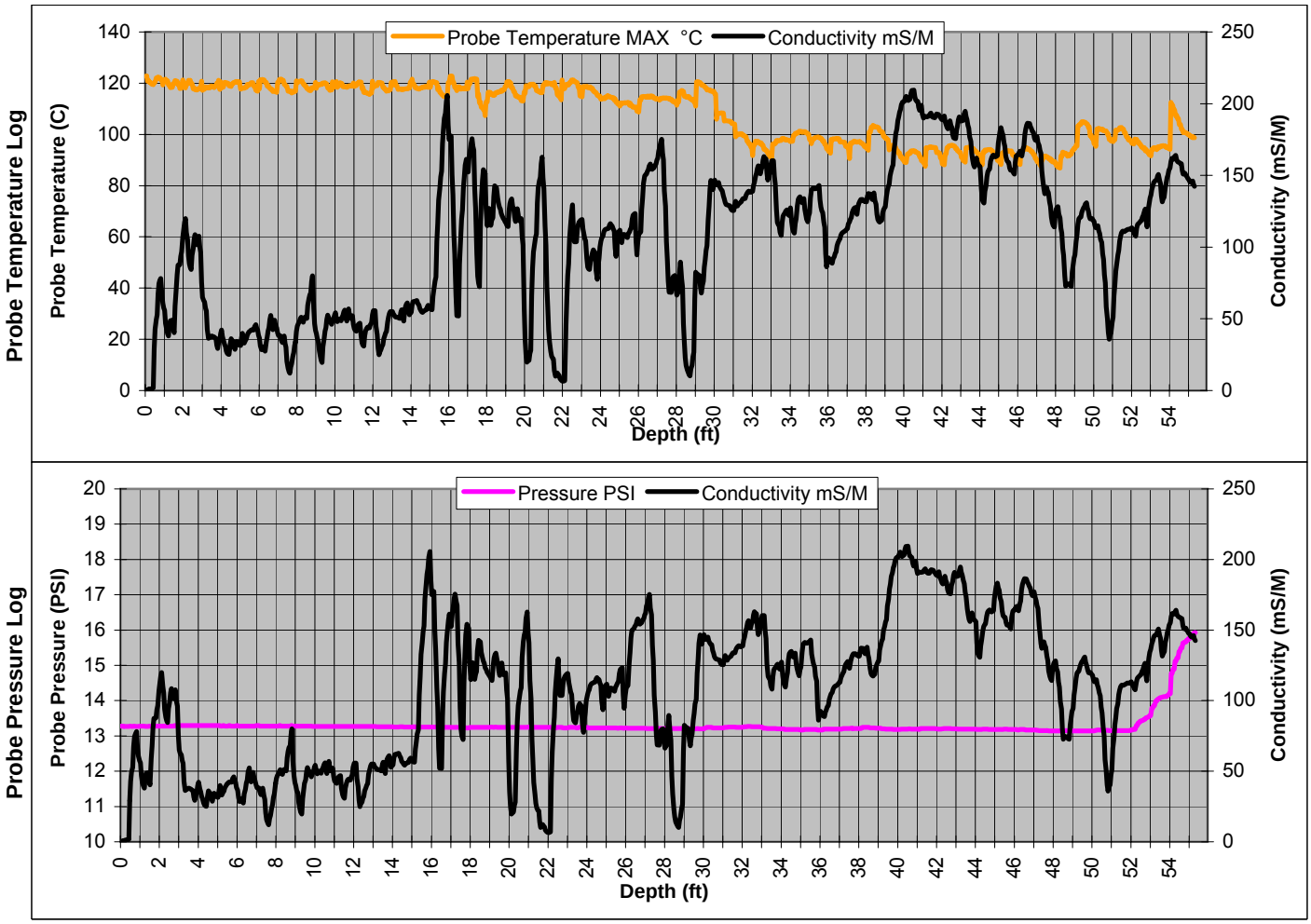
MIP Log Results by Boring - Detector Reading vs. Depth

Client	CDM	Boring I.D.:	MIP-25	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 27 2006	Detector 2 :	Photo Ionization (PID)
		Time:	08:48	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

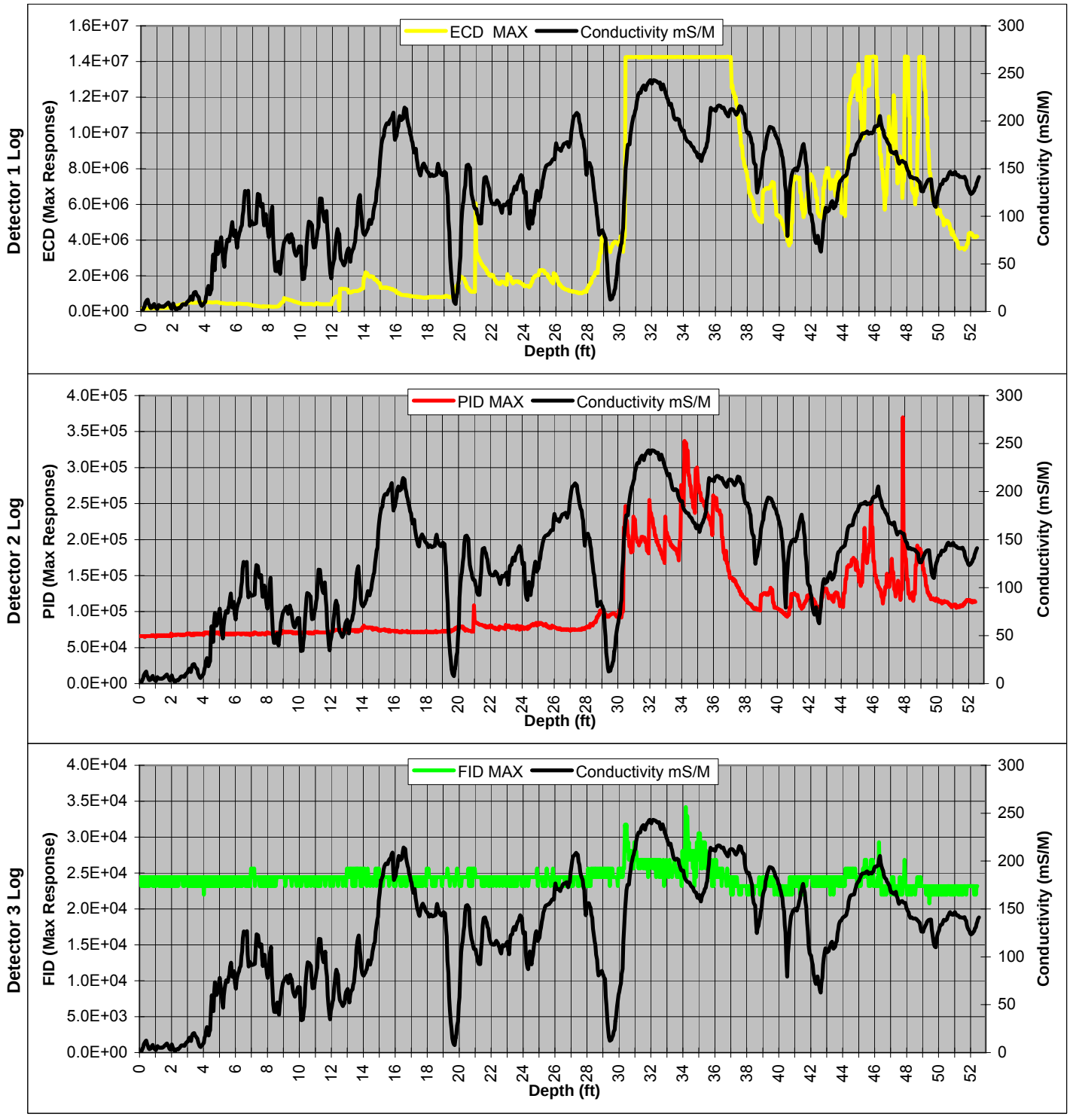
Client	#REF!	CDM	Boring I.D.: MIP-25	Graph 1 :	Probe Temperature (C)
			Date: Feb 27 2006	Graph 2 :	Probe Pressure (PSI)
			Time: 08:48		



Explanation: None

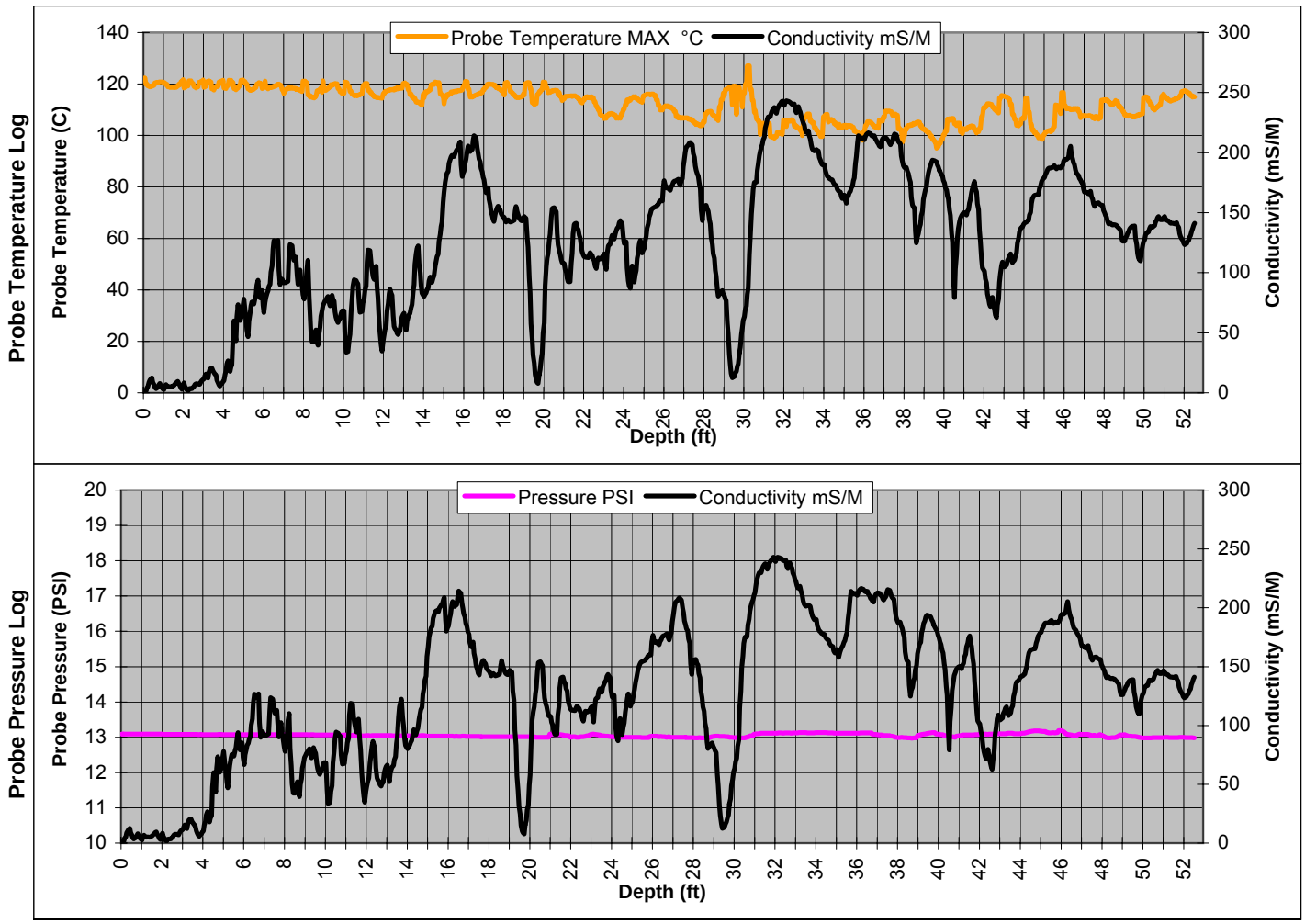
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-26	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 27 2006	Detector 2 :	Photo Ionization (PID)
		Time:	13:36	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

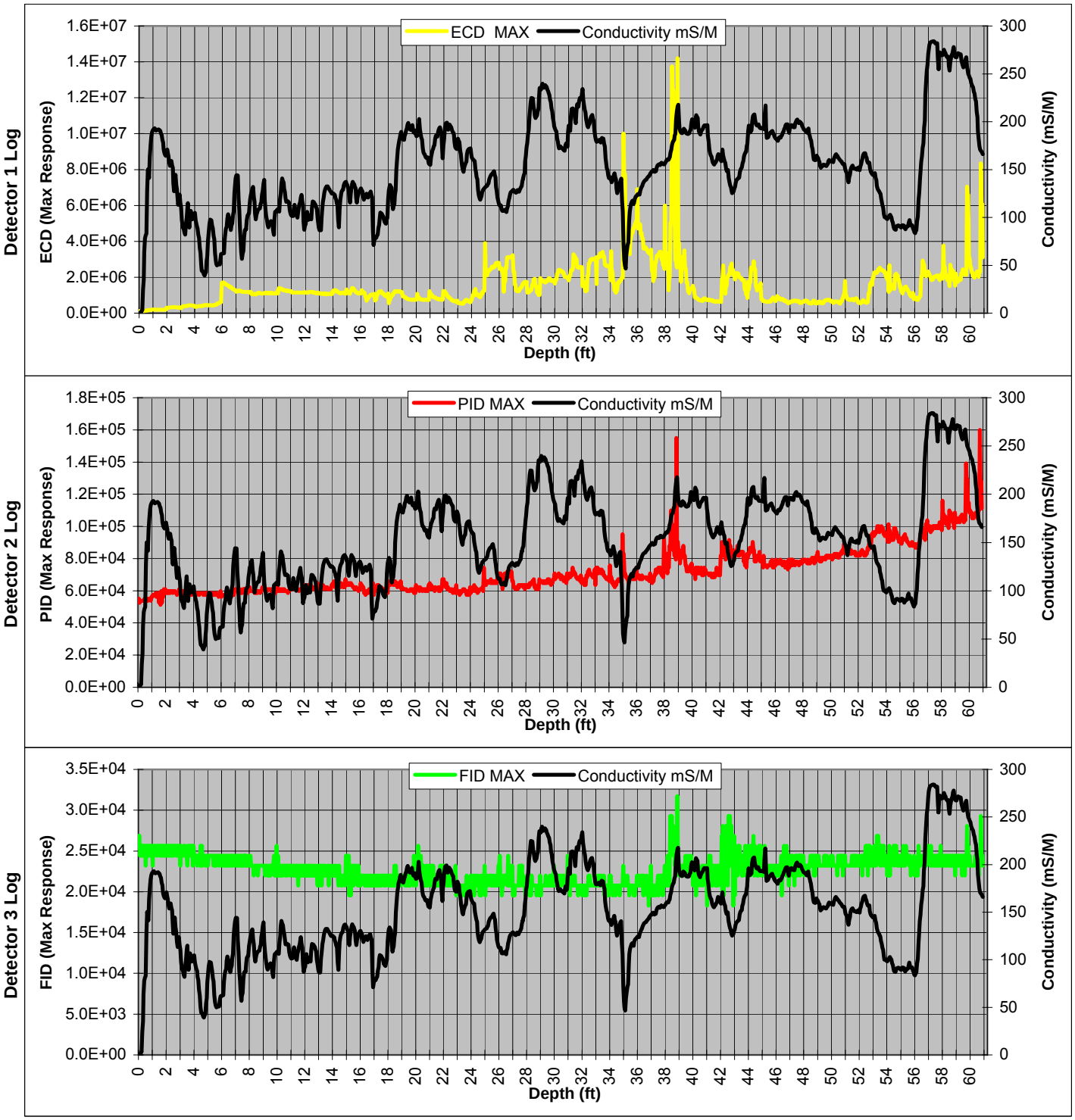
Client:	CDM	Boring I.D.:	MIP-26	Graph 1 :	Probe Temperature (C)
		Date:	Feb 27 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	13:36		



Explanation Cleared to 5 ft. with hand auger by Vironex.

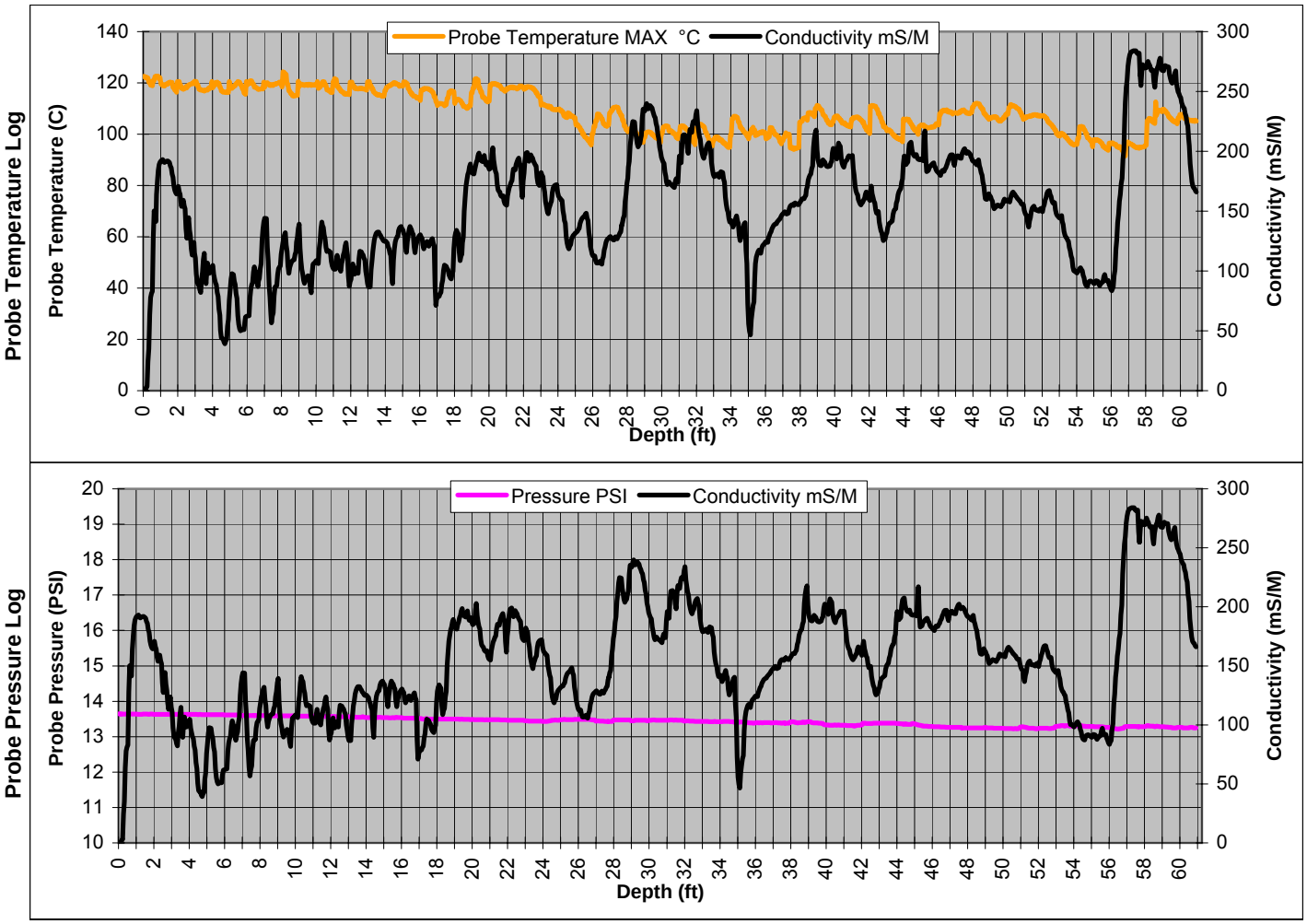
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-29	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 28 2006	Detector 2 :	Photo Ionization (PID)
		Time:	07:57	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

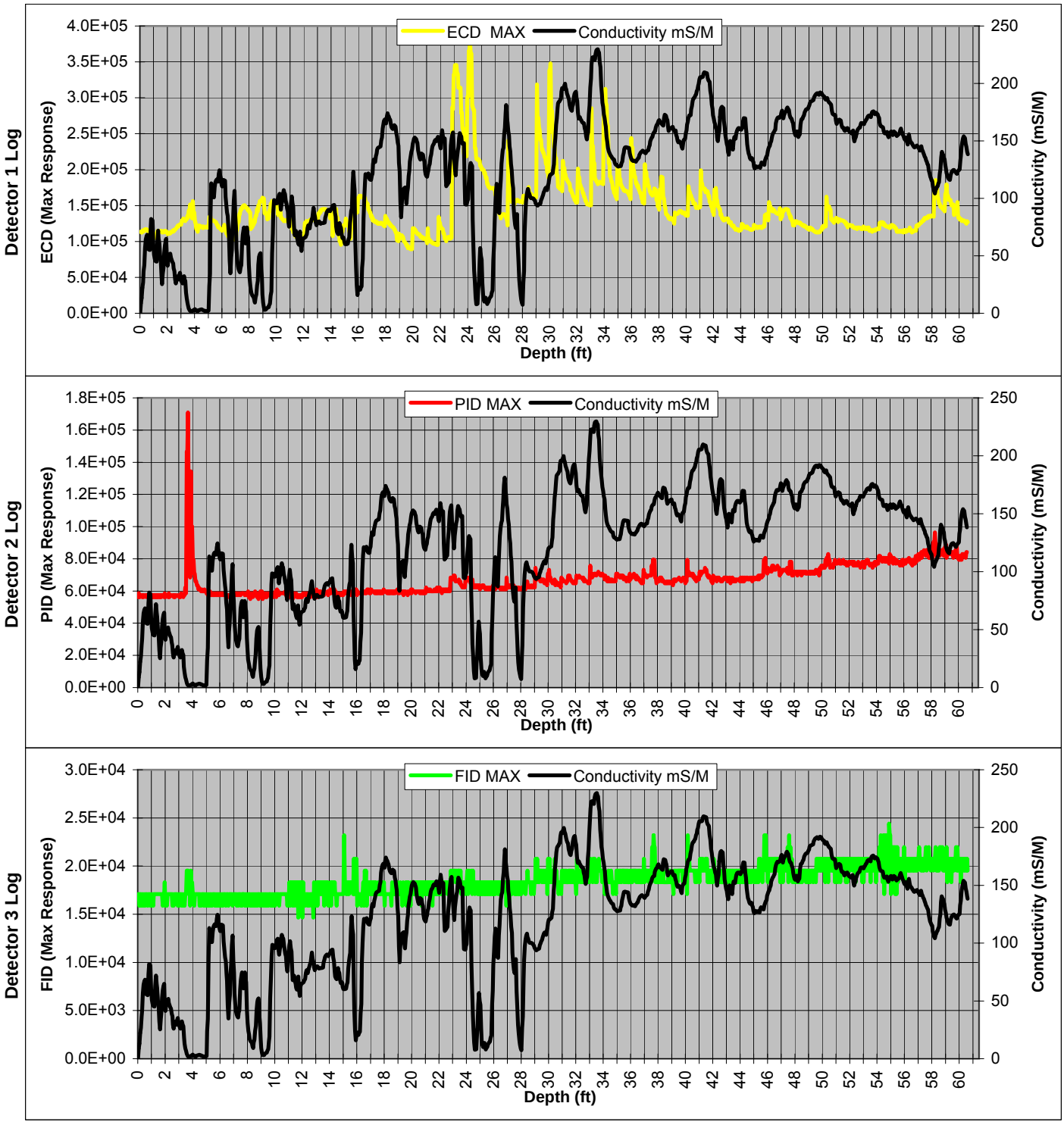
Client:	CDM	Boring I.D.:	MIP-29	Graph 1 :	Probe Temperature (C)
		Date:	Feb 28 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	07:57		



Explanation: None

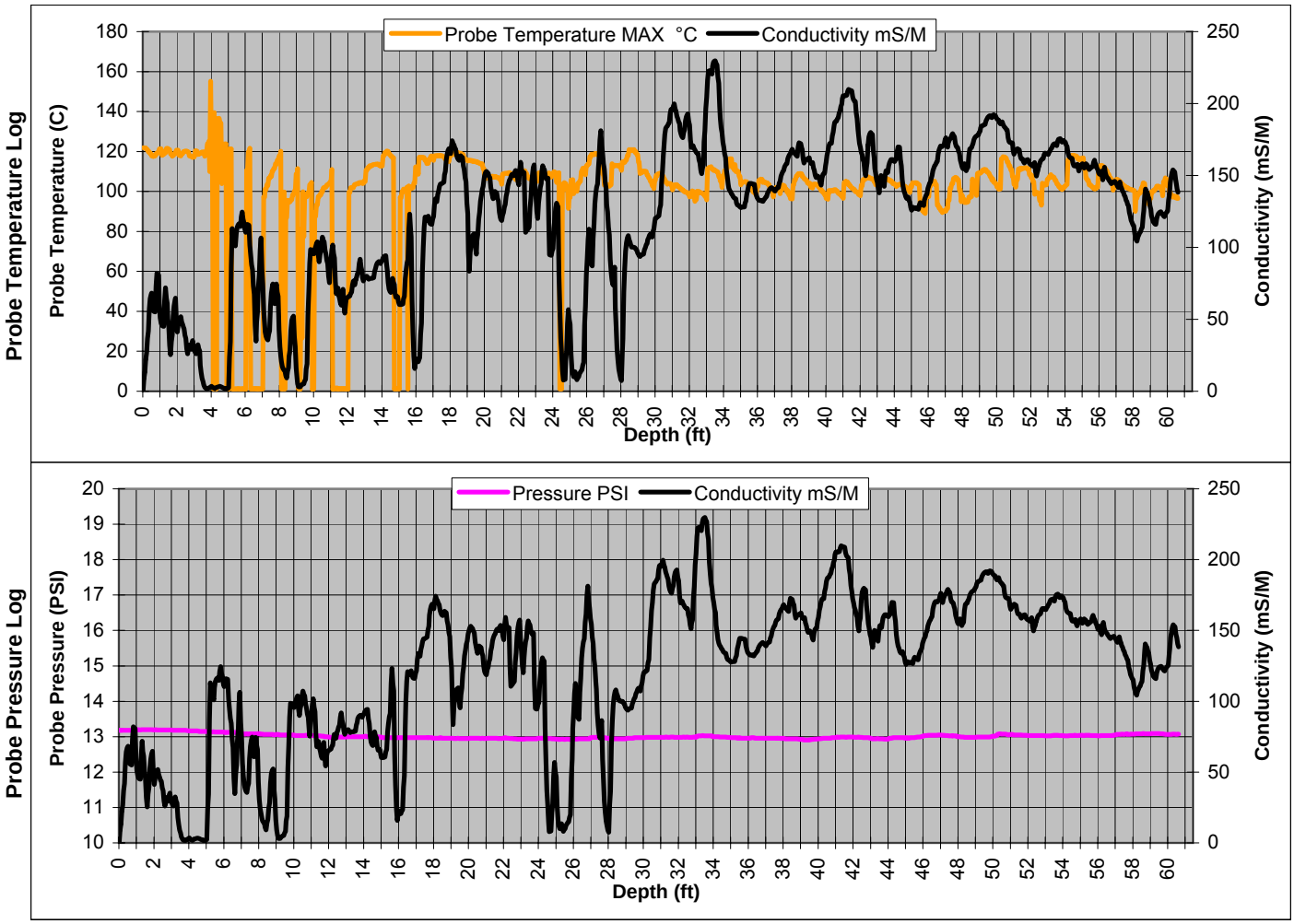
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-30	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 28 2006	Detector 2 :	Photo Ionization (PID)
		Time:	10:43	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

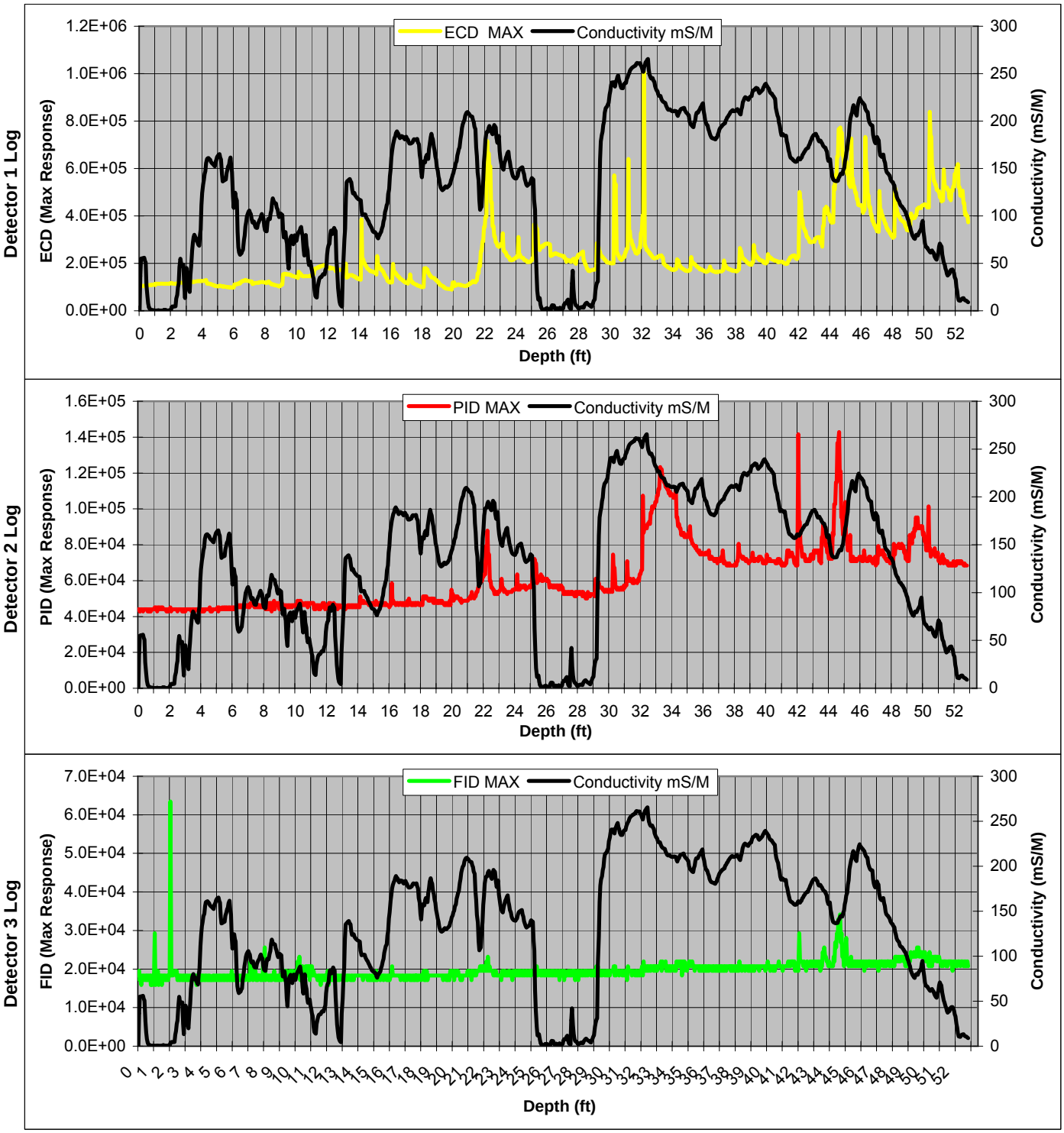
Client:	CDM	Boring I.D.:	MIP-30	Graph 1 :	Probe Temperature (C)
		Date:	Feb 28 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	10:43		



Explanation: While retracting probe lost 28 ft of 4ft. Rods and MIP Probe.

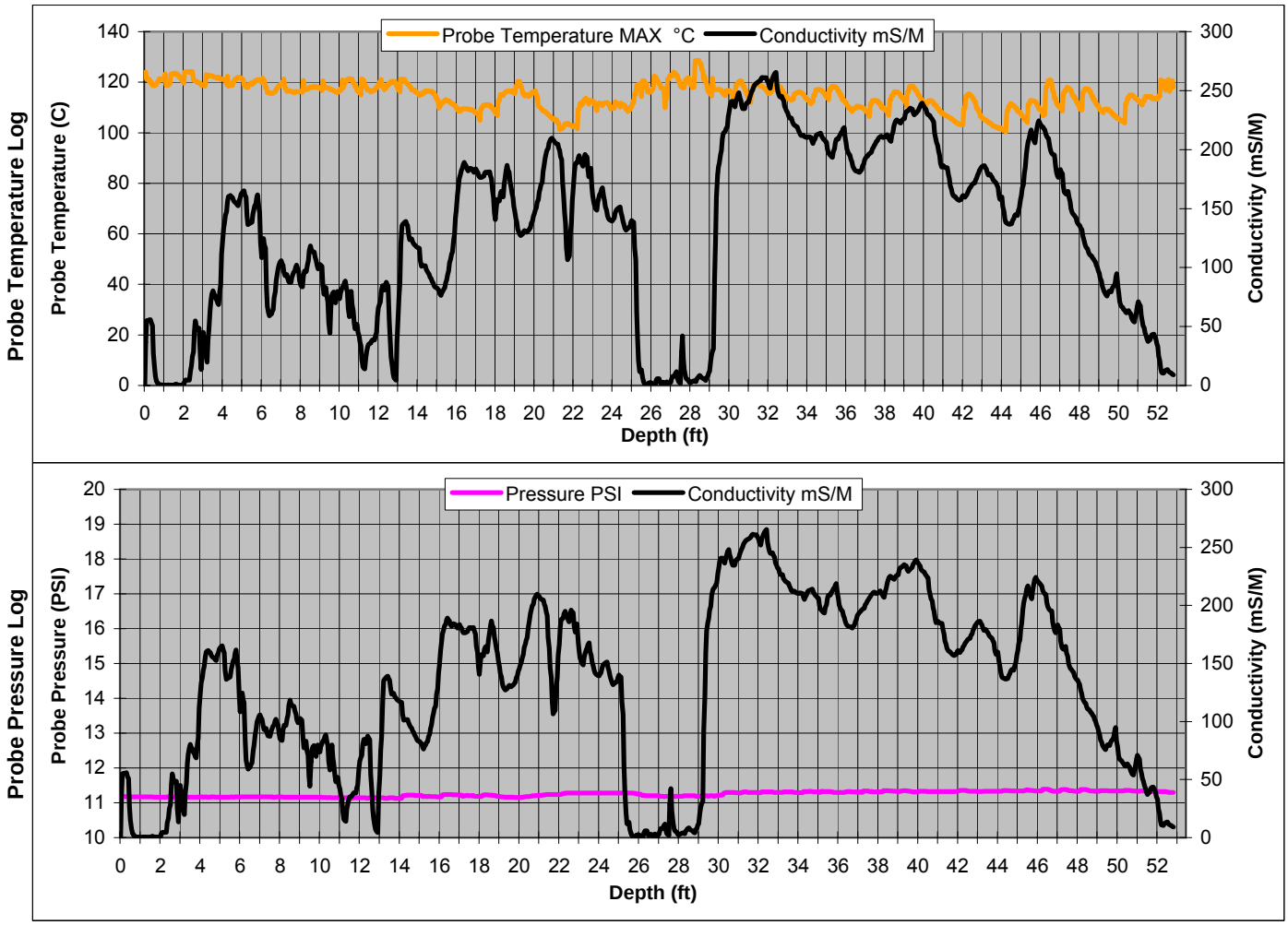
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-28	Detector 1 :	Electron Capture (ECD)
		Date:	Mar 01 2006	Detector 2 :	Photo Ionization (PID)
		Time:	08:37	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-28	Graph 1 :	Probe Temperature (C)
		Date:	Mar 01 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	08:37		

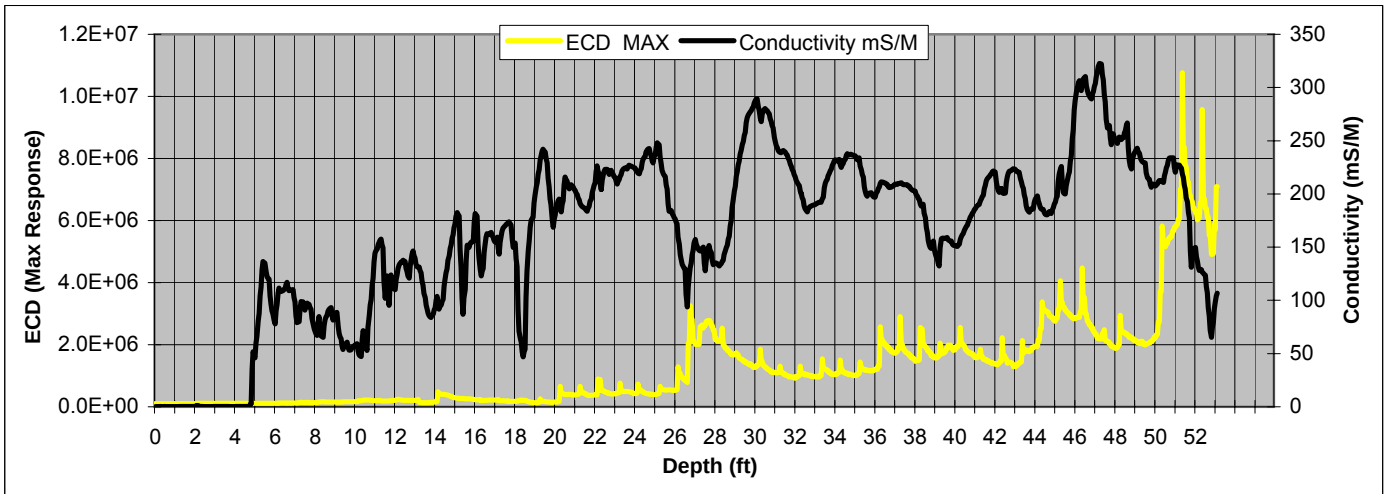


Explanation: Hand auger to 5 ft. By Vironex.

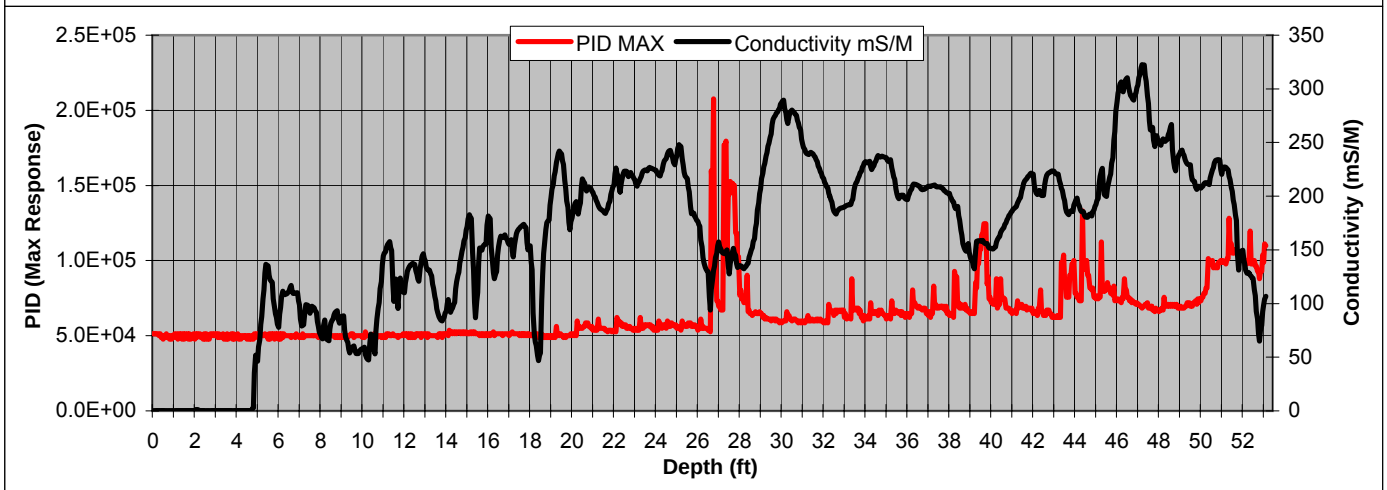
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-27	Detector 1 :	Electron Capture (ECD)
		Date:	Mar 01 2006	Detector 2 :	Photo Ionization (PID)
		Time:	11:10	Detector 3 :	Flame Ionization (FID)

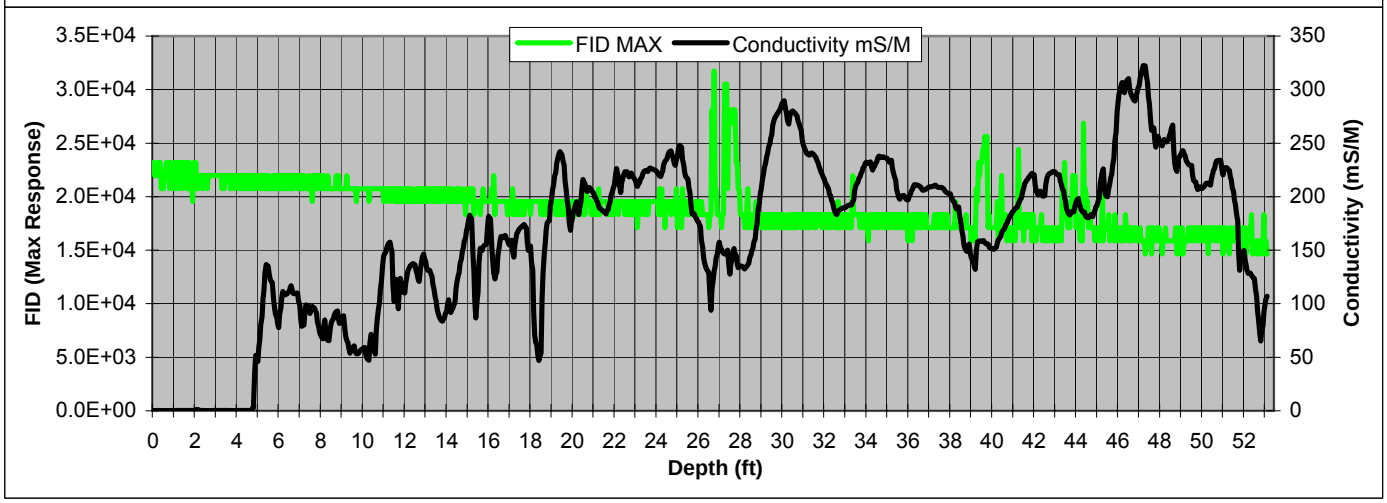
Detector 1 Log



Detector 2 Log

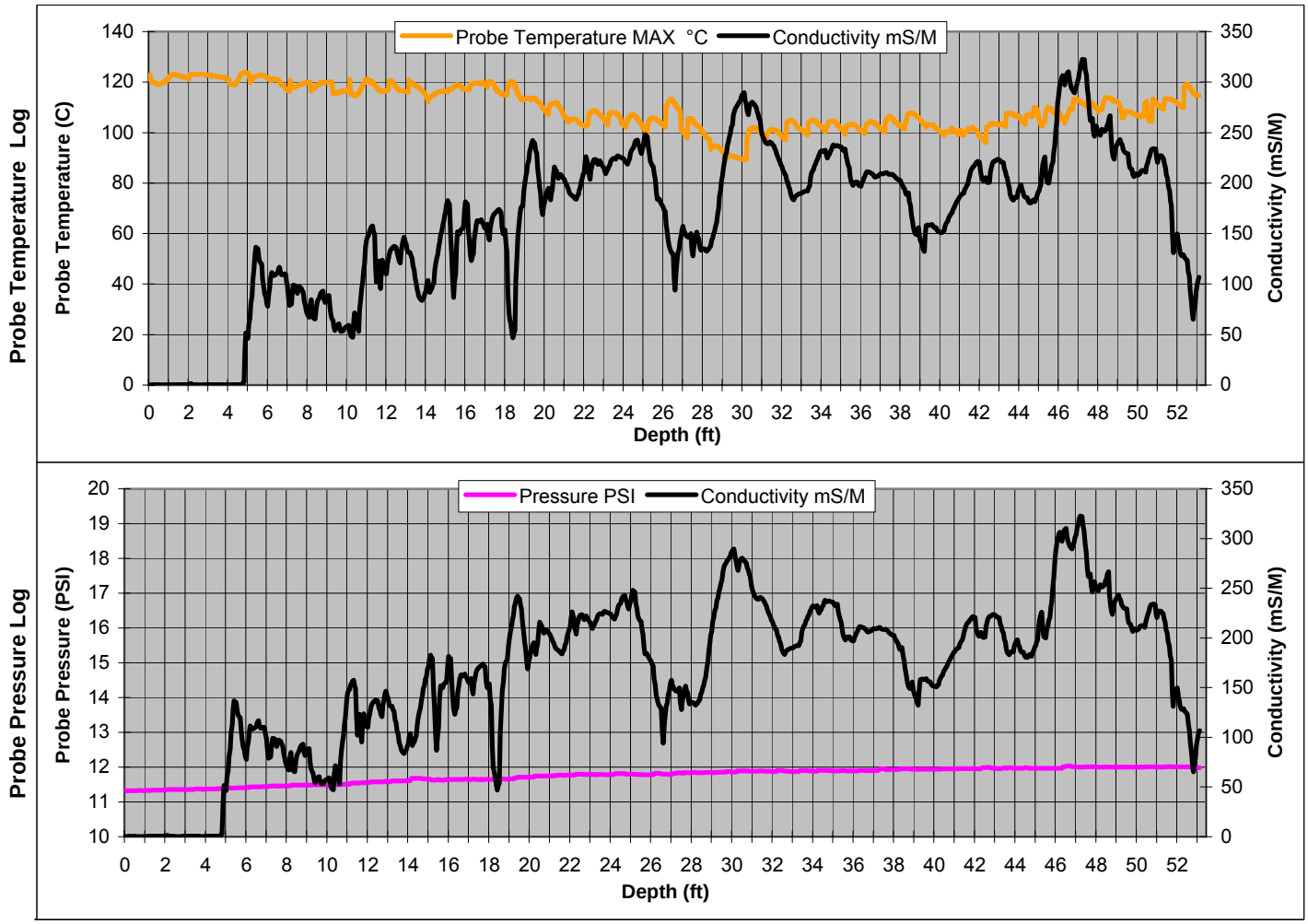


Detector 3 Log



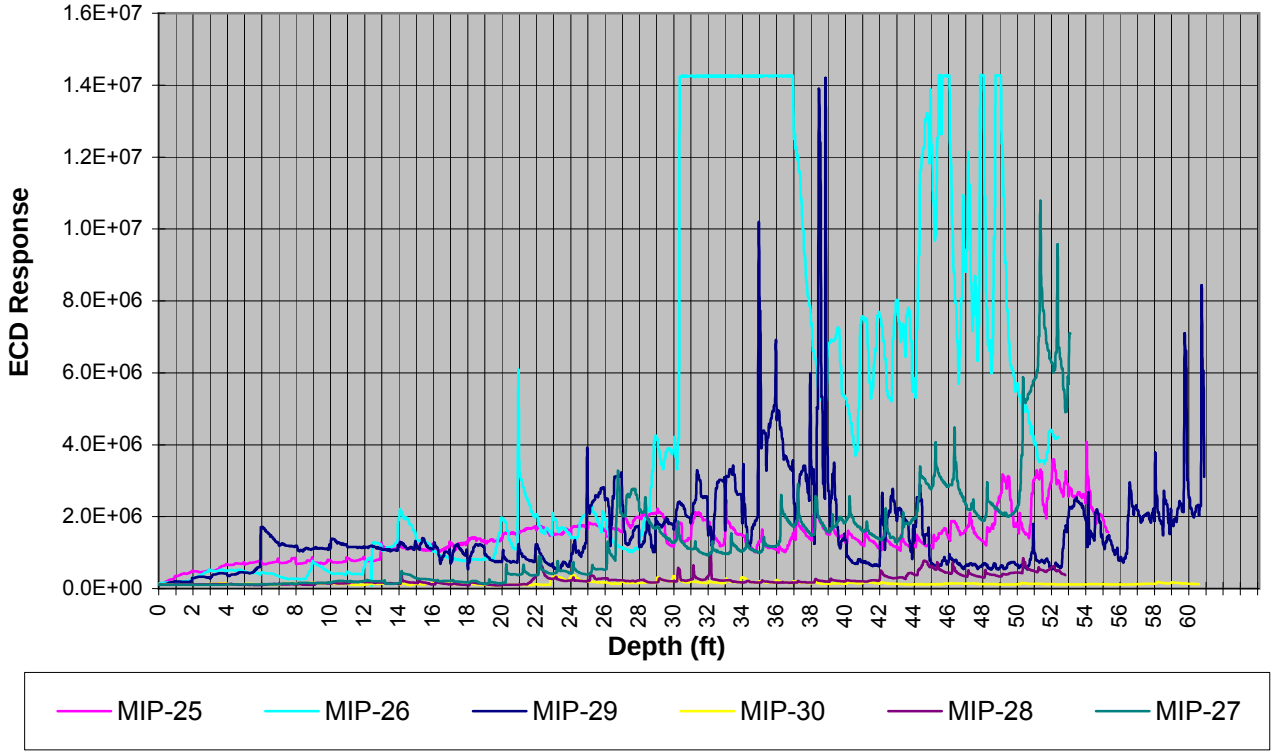
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-27	Graph 1 :	Probe Temperature (C)
		Date:	Mar 01 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	11:10		

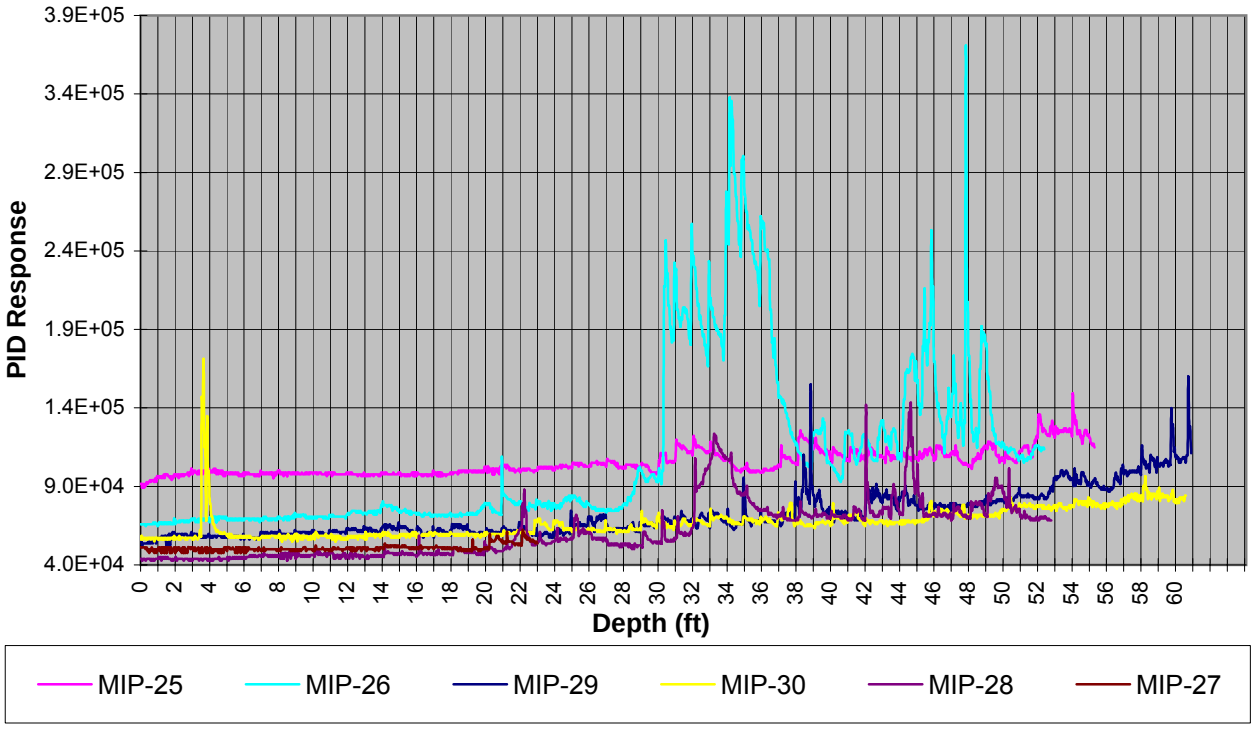


Explanation: Hand auger to 5ft. By Vironex.

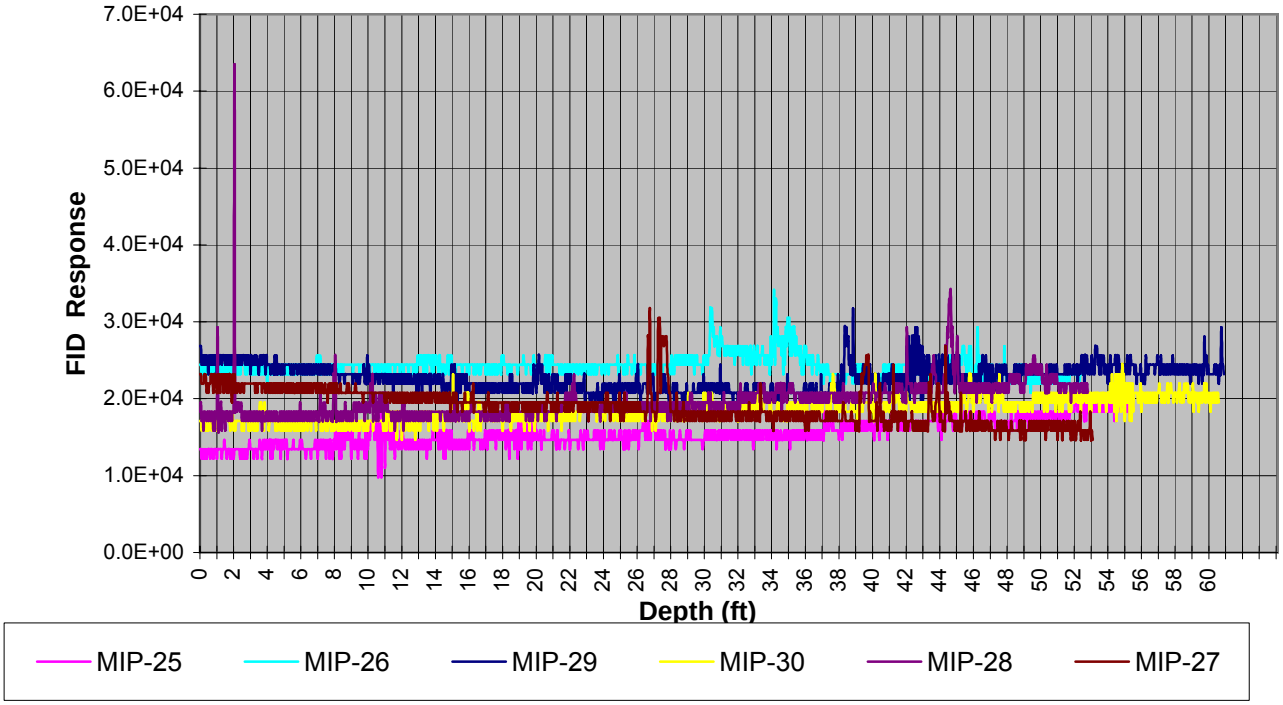
Maximum ECD Response Same Scale



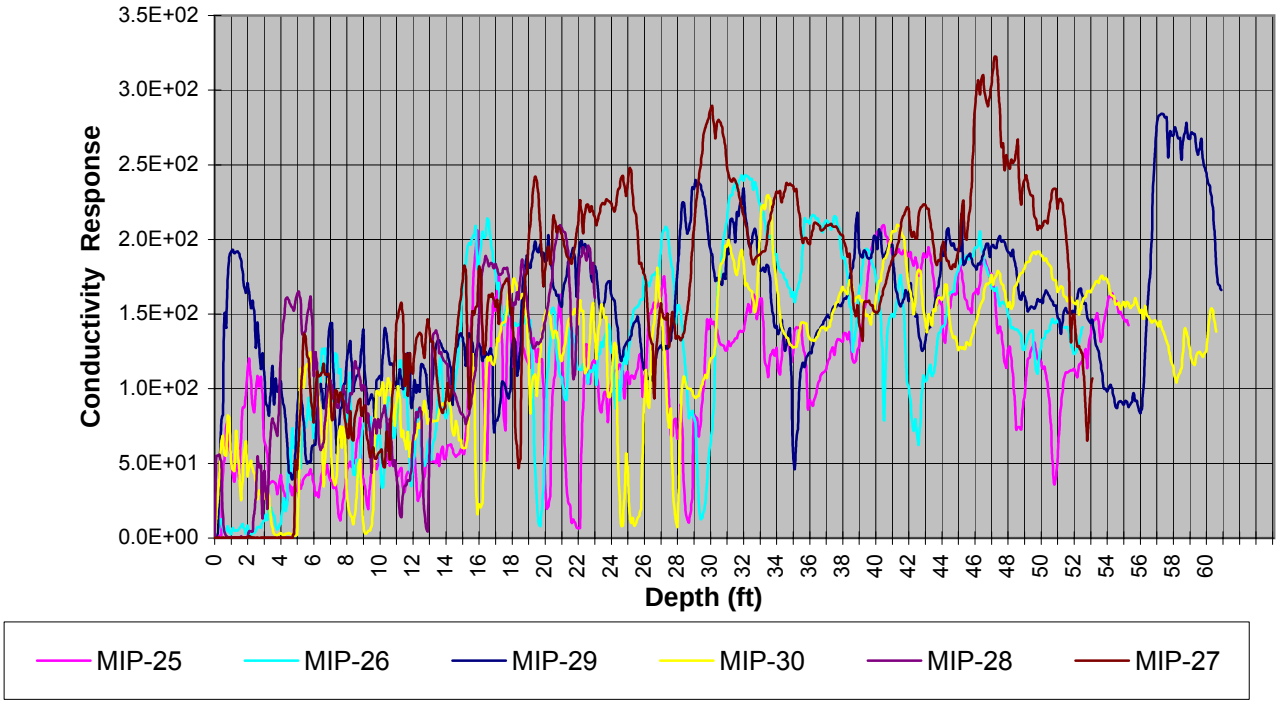
Maximum PID Response Same Scale



Maximum FID Response Same Scale



Conductivity Response Same Scale



MIP Data Summary:

Client:	Camp Dresser & McKee Inc. 18581 Teller Avenue, Suite 200 Irvine, CA 92612	Project Dates: Site Address:	01/19/04 12511 Putnam Whittier, CA
Project:	Omega Chemical	Job Number:	M1-560

CASE NARRATIVE

The following information applies to readings that were taken by Centrum Analytical Mobile Environmental Laboratory Number One (MEL #1) on 01/19/04 at the above-mentioned Site Address.

The results reported herein represent data that was collected by MEL #1 using a Membrane Interface Probe (MIP). This data includes, but is not limited to, Electrical Conductivity, and readings taken by both ECD (Electron Capture) and PID (Photo Ionization) Detectors.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 01/23/04.

Report approved by:

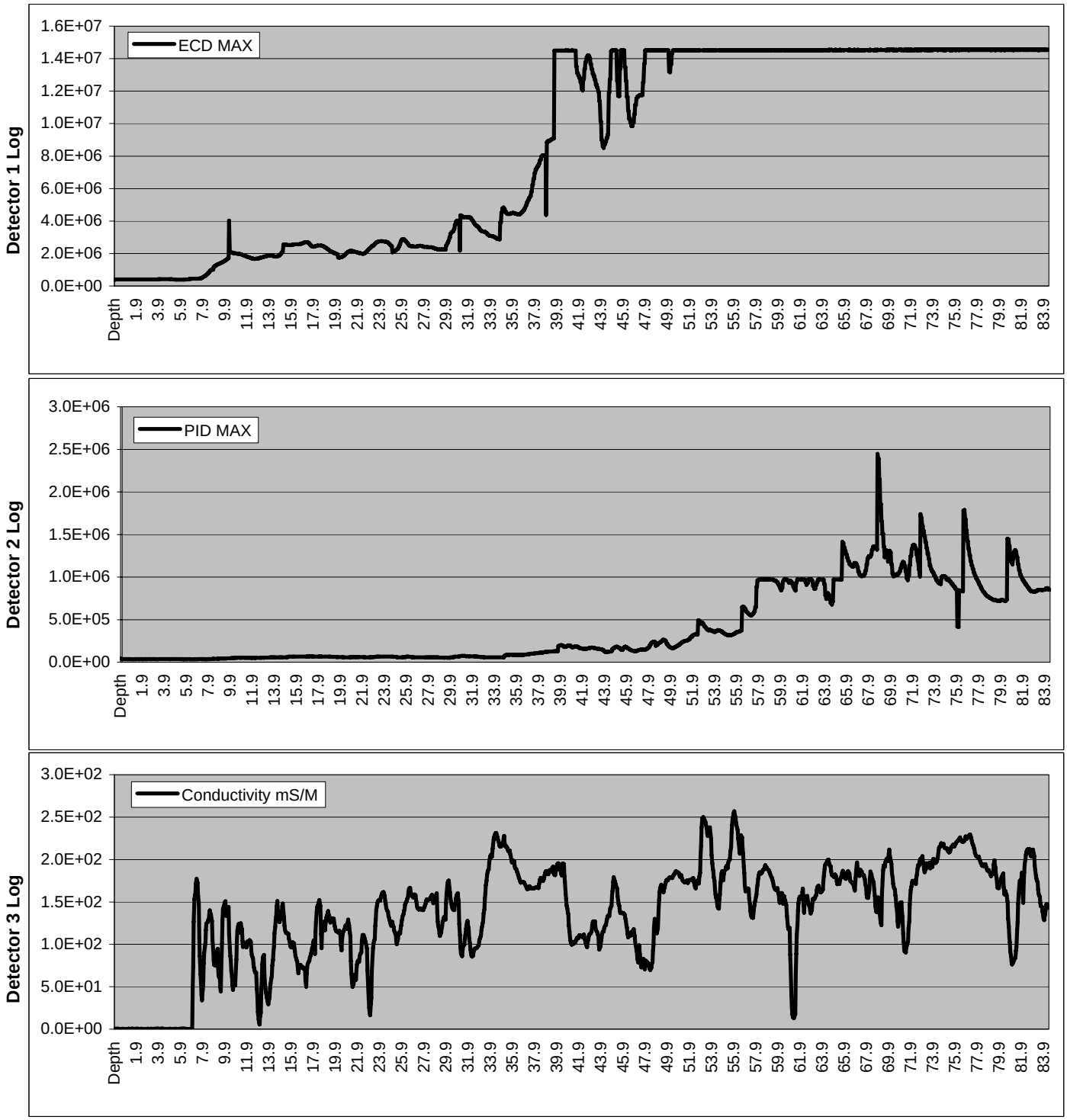
Mark B. Horan
Mobile Laboratories Supervisor

Rodolfo Vergara, Jr.
Quality Assurance Manager

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions.
ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the reporting limit.
NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.

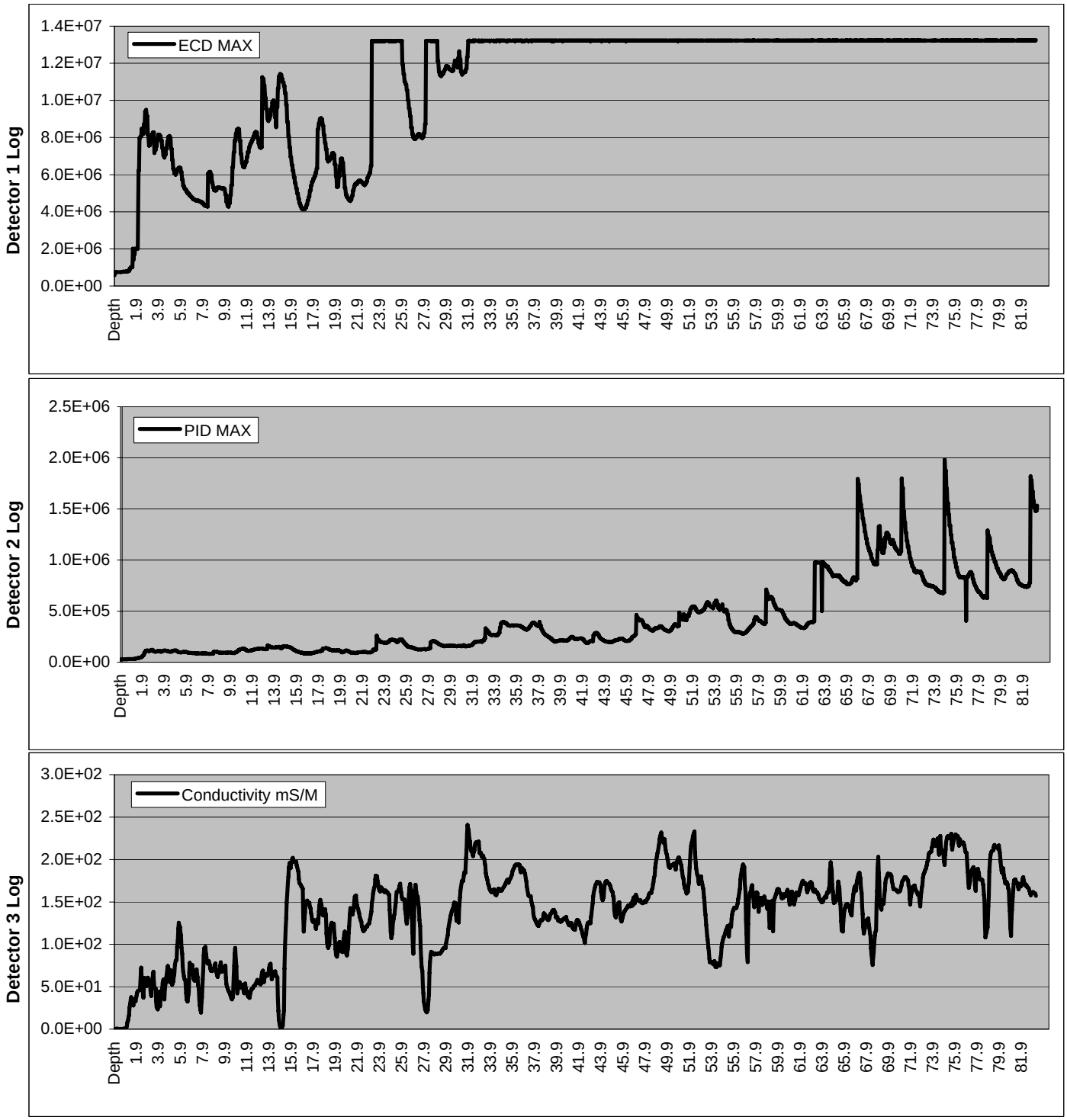
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Job No.:	M1-560	Detector 1 :	Electron Capture (ECD)
Project:	Omega Chemical	Log Date:	01/19/04	Detector 2 :	Photo Ionization (PID)
Boring I.D.:	GP4	Analyst:	SMC	Detector 3 :	Electrical Conductance (EC)



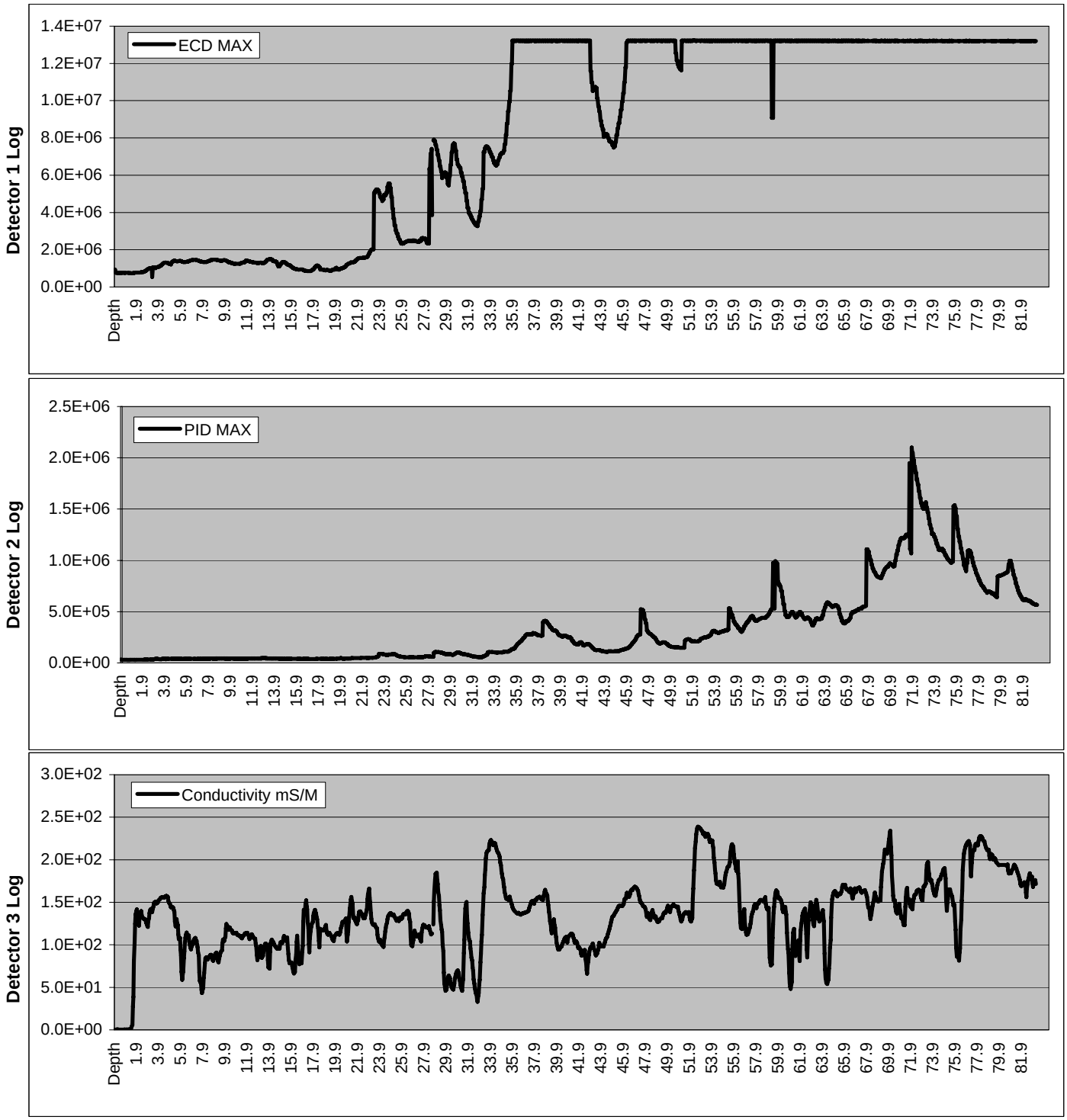
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Job No.:	M1-560	Detector 1 :	Electron Capture (ECD)
Project:	Omega Chemical	Log Date:	01/19/04	Detector 2 :	Photo Ionization (PID)
Boring I.D.:	GP5	Analyst:	SMC	Detector 3 :	Electrical Conductance (EC)



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Job No.:	M1-560	Detector 1 :	Electron Capture (ECD)
Project:	Omega Chemical	Log Date:	01/19/04	Detector 2 :	Photo Ionization (PID)
Boring I.D.:	GP6	Analyst:	SMC	Detector 3 :	Electrical Conductance (EC)

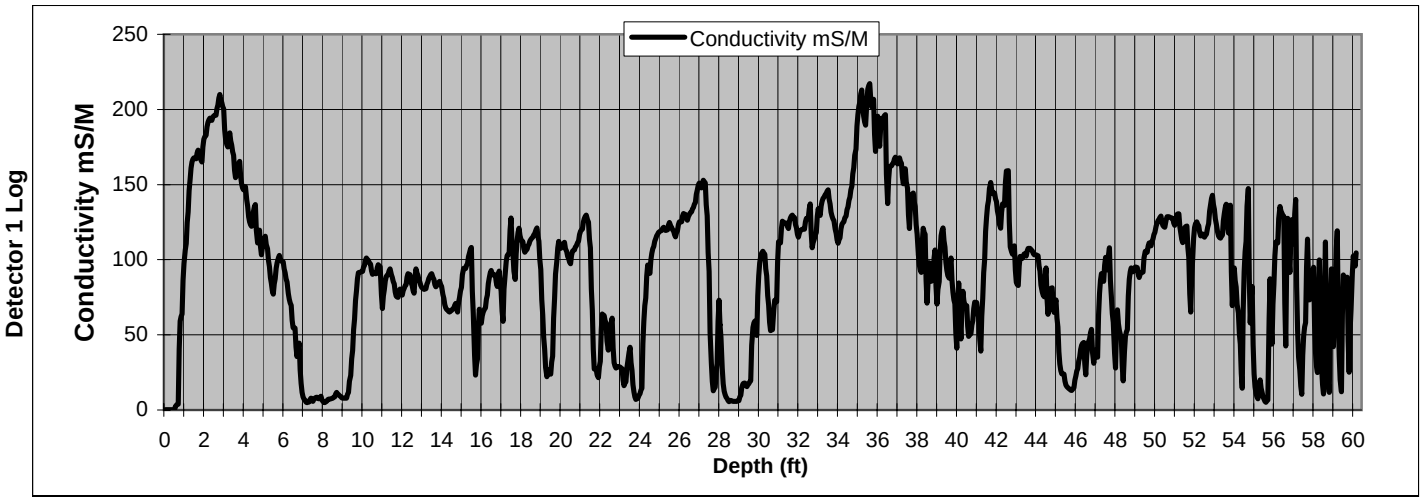


EC Log Results by Boring - EC Reading vs. Depth

Client: Camp, Dresser & Mckee, Inc.

Boring I.D.: VP-30
Date: Jun 01 2006
Time: 15:59

Detector 1 : Electrical Conductivity (EC)



Explanation: None

Client:	Camp Dresser & McKee Inc. 18581 Teller Avenue, Suite 200 Irvine, CA 92612	Project Dates: Site Address:	01/19/04 12511 Putnam Whittier, CA
Project:	Omega Chemical	Job Number:	M1-560

CASE NARRATIVE

The following information applies to readings that were taken by Centrum Analytical Mobile Environmental Laboratory Number One (MEL #1) on 01/19/04 at the above-mentioned Site Address.

The results reported herein represent data that was collected by MEL #1 using a Membrane Interface Probe (MIP). This data includes, but is not limited to, Electrical Conductivity, and readings taken by both ECD (Electron Capture) and PID (Photo Ionization) Detectors.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 01/23/04.

Report approved by:

Mark B. Horan
Mobile Laboratories Supervisor

Rodolfo Vergara, Jr.
Quality Assurance Manager

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ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the reporting limit.
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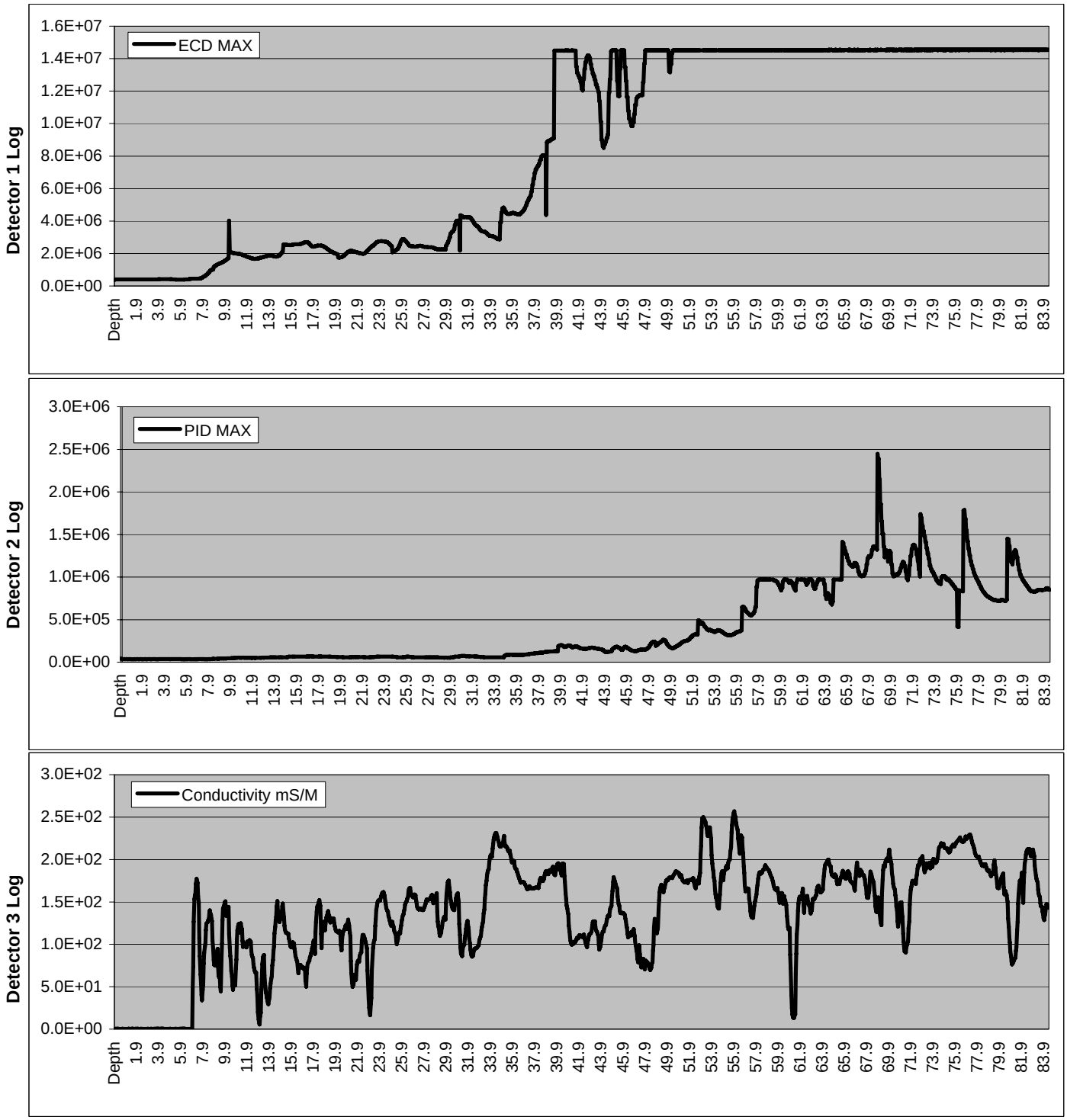
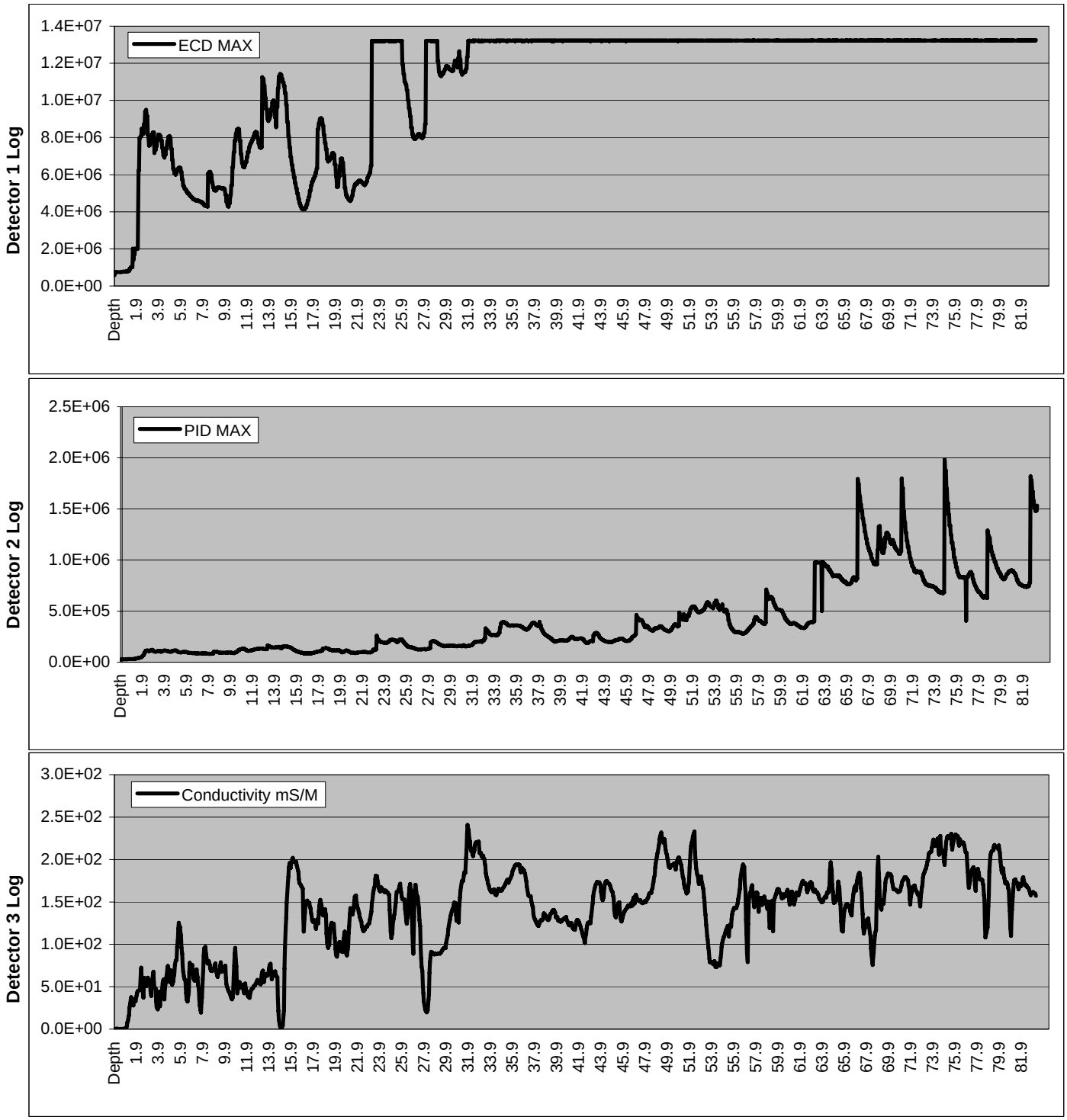
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Job No.:	M1-560	Detector 1 :	Electron Capture (ECD)
Project:	Omega Chemical	Log Date:	01/19/04	Detector 2 :	Photo Ionization (PID)
Boring I.D.:	GP4	Analyst:	SMC	Detector 3 :	Electrical Conductance (EC)



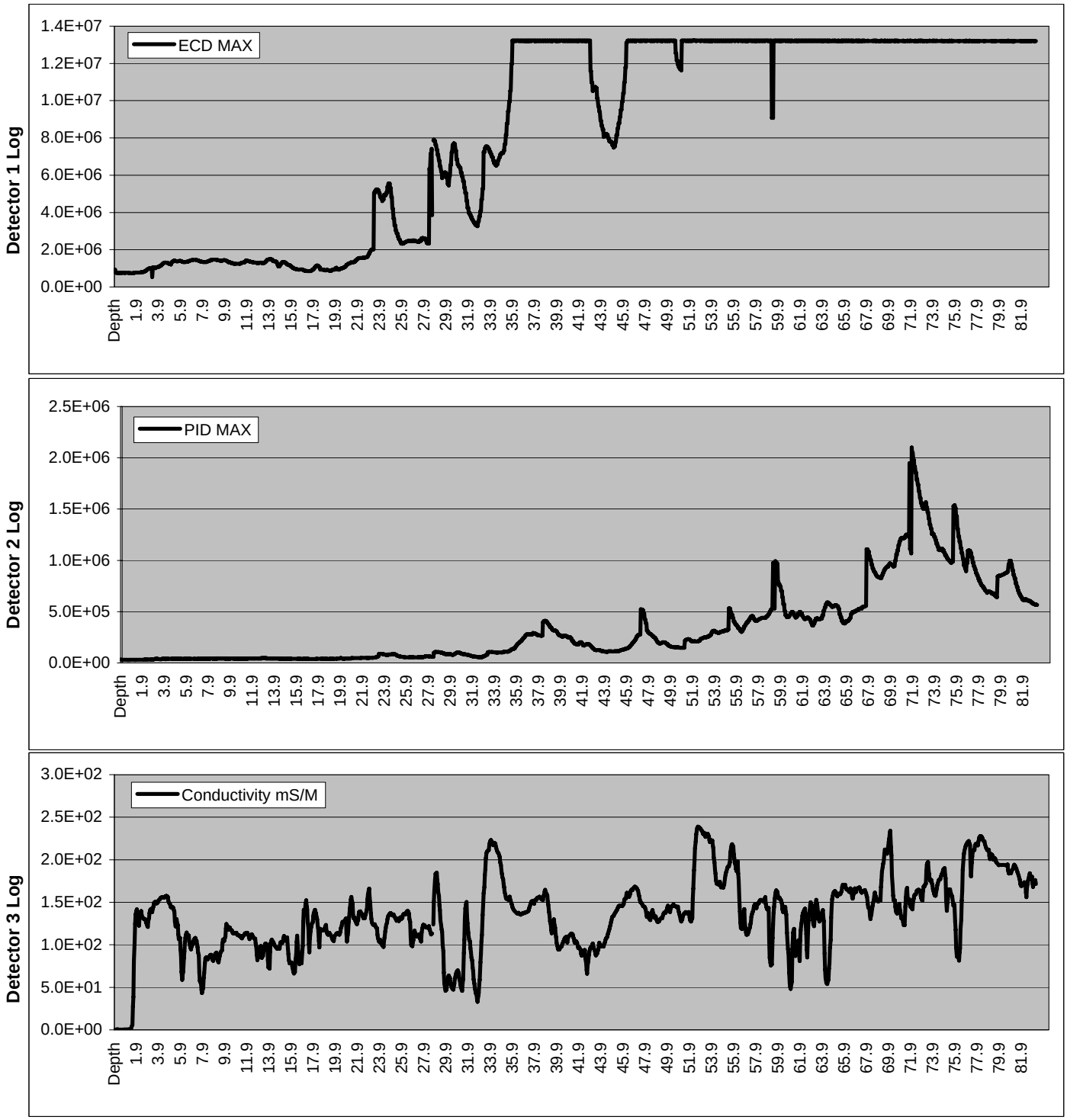
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Job No.:	M1-560	Detector 1 :	Electron Capture (ECD)
Project:	Omega Chemical	Log Date:	01/19/04	Detector 2 :	Photo Ionization (PID)
Boring I.D.:	GP5	Analyst:	SMC	Detector 3 :	Electrical Conductance (EC)



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Job No.:	M1-560	Detector 1 :	Electron Capture (ECD)
Project:	Omega Chemical	Log Date:	01/19/04	Detector 2 :	Photo Ionization (PID)
Boring I.D.:	GP6	Analyst:	SMC	Detector 3 :	Electrical Conductance (EC)



MIP REPORT

Omega
Whittier, CA

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Client: CDM
18581 Teller Ave., Suite 200
Irvine, CA 92612

Start Date: 2/27/2006
Completed Date: 3/1/2006

Site Address: 12504 East Whittier Blvd., Whittier, CA
Project Name Omega

Project Scope: Collected Membrane Interface Probe logs from 6 boring locations from approximately surface to as deep as 61 feet bgs to identify possible DNAPL plume, and contaminante plume.

Project Information: ~ MIP-30 = Probe broke while retracting.

MIP Boring and Confirmation Sampling Summary

Date Sampled	Time Sampled	Boring Name	Total Depth	Confirmation Samples Soil	Confirmation Samples Groundwater
Feb 27 2006	08:48	MIP-25	55.3		
Feb 27 2006	13:36	MIP-26	52.5		
Feb 28 2006	07:57	MIP-29	60.9		
Feb 28 2006	10:43	MIP-30	60.6		
Mar 01 2006	08:37	MIP-28	52.8		
Mar 01 2006	11:10	MIP-27	53.1		

1225 East McFadden Avenue ● Santa Ana ● CA 92705 ● USA ● Phone 714-647-6290 ● Fax 714-647-6291
San Francisco CA Los Angeles Washington DC Fredericksburg VA Raleigh NC Wilmington DE

Quality Control: Vironex utilizes a response test* prior to each MIP boring. A solution containing water, Trichloroethene & Toluene are mixed and transferred into a galvanized test pipe. The MIP is then lowered into the test pipe for 45 seconds and then extracted. The trip time** is then noted and entered into the SC4000 MIP computer.

**Response Test - A test that ensures that the MIP system is working correctly.*
***Trip Time - Time it takes for the standard to enter the MIP probe, at the probe membrane, till the time a significant response is noticed on the SC 4000 Computer*

MIP Components Used:
- Geoprobe 6600
- FC 4000 MIP Computer
- Flow Control Box
- HP Gas Chromatograph
- ECD (Electron Capture Detector)
- PID (Photo Ionization Detector)
- FID (Flame Ionization Detector)
- 150' Trunk Line
- 1.5" MIP Probe
- 1.5" Drive Rods

Soil Confirmation No confirmation samples were collected

Qualitative Analysis (Identification): The MIP system will detect most VOC's (Volatile Organic Compounds) which have the capability of migrating through the membrane. The ECD (Electron Capture Detector) will typically detect chlorinated compounds. The PID will typically detect aromatic and double bonded compounds, typical of gasoline components and some solvents. At high concentrations the ECD, PID and FID may detect other compounds not normally associated with the detector. Physical soil samples which are prepared by EPA Method 5035, and analyzed by EPA Method 8260, may be semi correlated with the MIP responses. The MIP responses are semi-correlated with most detected compounds, even those which are not reported nor detected by EPA Method 8260.

Lithology: The conductivity of soils is different for each type of media. Finer grained sediments, such as silts or clays, will have a higher EC signal. While coarser grained sediments, sands and gravel, will have a lower EC signal. Lithology should be correlated with a physical soil sample.

Frank Stolfi
National Director of MIP Serivces

1225 East McFadden Avenue ● Santa Ana ● CA 92705 ● USA ● Phone 714-647-6290 ● Fax 714-647-6291
San Francisco CA Los Angeles Washington DC Fredericksburg VA Raleigh NC Wilmington DE

Client: CDM
18581 Teller Ave., Suite 200
Irvine, CA 92612

Start Date: 2/27/2006
Completed Date: 3/1/2006

Site Address: 12504 East Whittier Blvd., Whittier, CA
Project Name: Omega

MIP Quality Control

Standard Summary

Boring Name	Date	Time	Standard	PID Response	ECD Response	Pressure (PSI)	Response Time (s)
QA/QC1	Feb 27 2006	08:18	1ppm TCE & Toluene	Yes	Yes	13.44	65
MIP-25	Feb 27 2006	08:48				13.30	65
QA/QC2	Feb 27 2006	13:27	1ppm TCE & Toluene	Yes	Yes	13.13	68
MIP-26	Feb 27 2006	13:36				13.05	68
QA/QC3	Feb 28 2006	07:50	1ppm TCE & Toluene	Yes	Yes	13.71	70
MIP-29	Feb 28 2006	07:57				13.43	70
QA/QC4	Feb 28 2006	10:20	1ppm TCE & Toluene	Yes	Yes	13.18	70
MIP-30	Feb 28 2006	10:43				13.01	70
QA/QC5	Mar 01 2006	07:59	1ppm TCE & Toluene	Yes	Yes	11.33	83
MIP-28	Mar 01 2006	08:37				11.25	83
QA/QC6	Mar 01 2006	10:09	1ppm TCE & Toluene	Yes	Yes	11.51	83
MIP-27	Mar 01 2006	11:10				11.76	83

End of Day QA QC Summary

Boring Name	Date	Time	Standard	PID Response	ECD Response	Pressure (PSI)	Response Time (s)
End of Day 1	Feb 27 2006	15:18	1ppm TCE & Toluene	Yes	Yes	12.87	70
	None done due to broke probe						
End of Day 3	Mar 01 2006	14:09	1ppm TCE & Toluene	Yes	Yes	11.51	85

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SITE MAP

Map provided by CDM

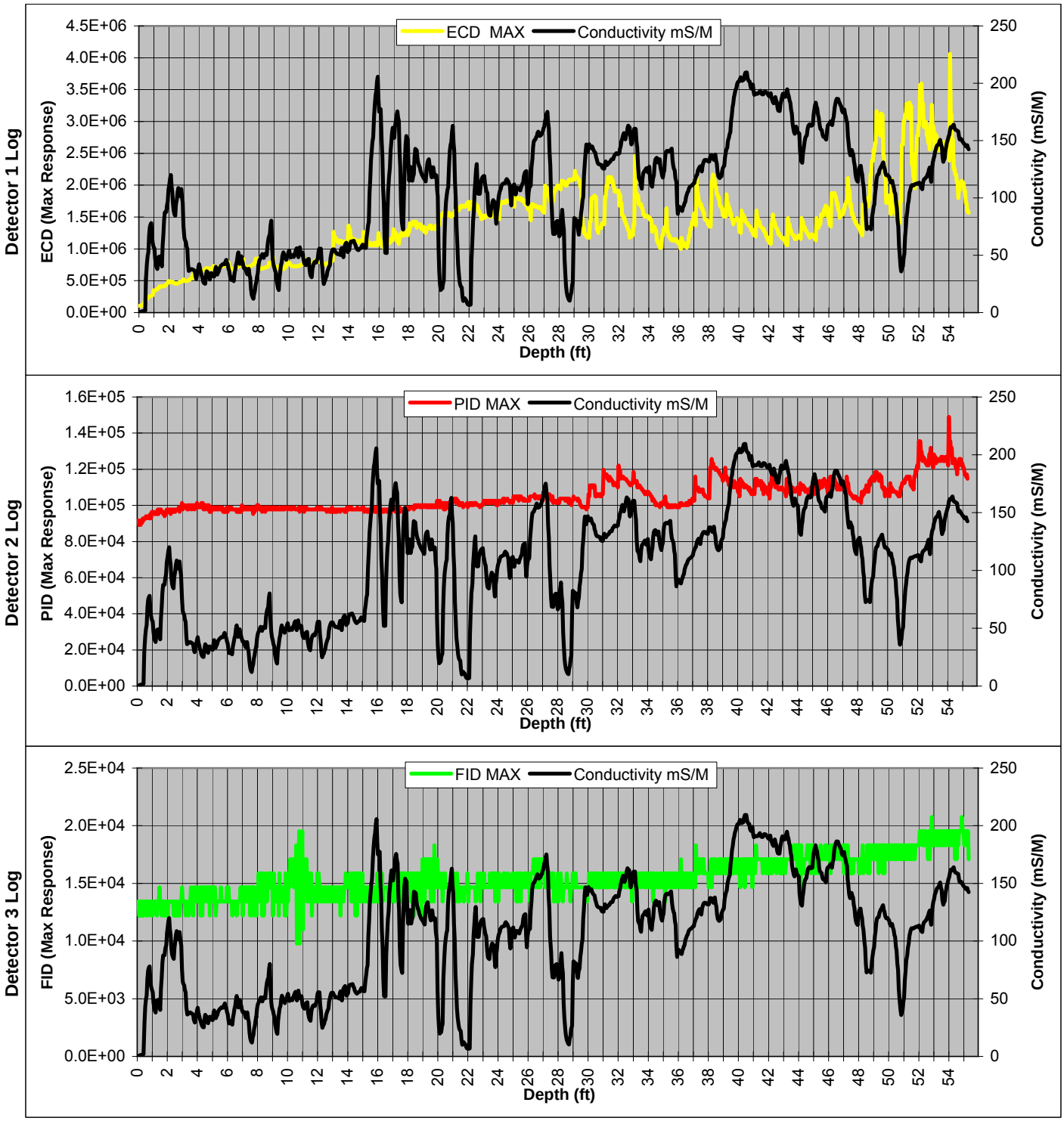
Confirmation Locations

Sample ID	TPHg mg/Kg*	PID Response	Soil Conductivity Response	Comments
Not Data Provided				

** TPHg = Total Petroleum Hydrocarbons Gas*

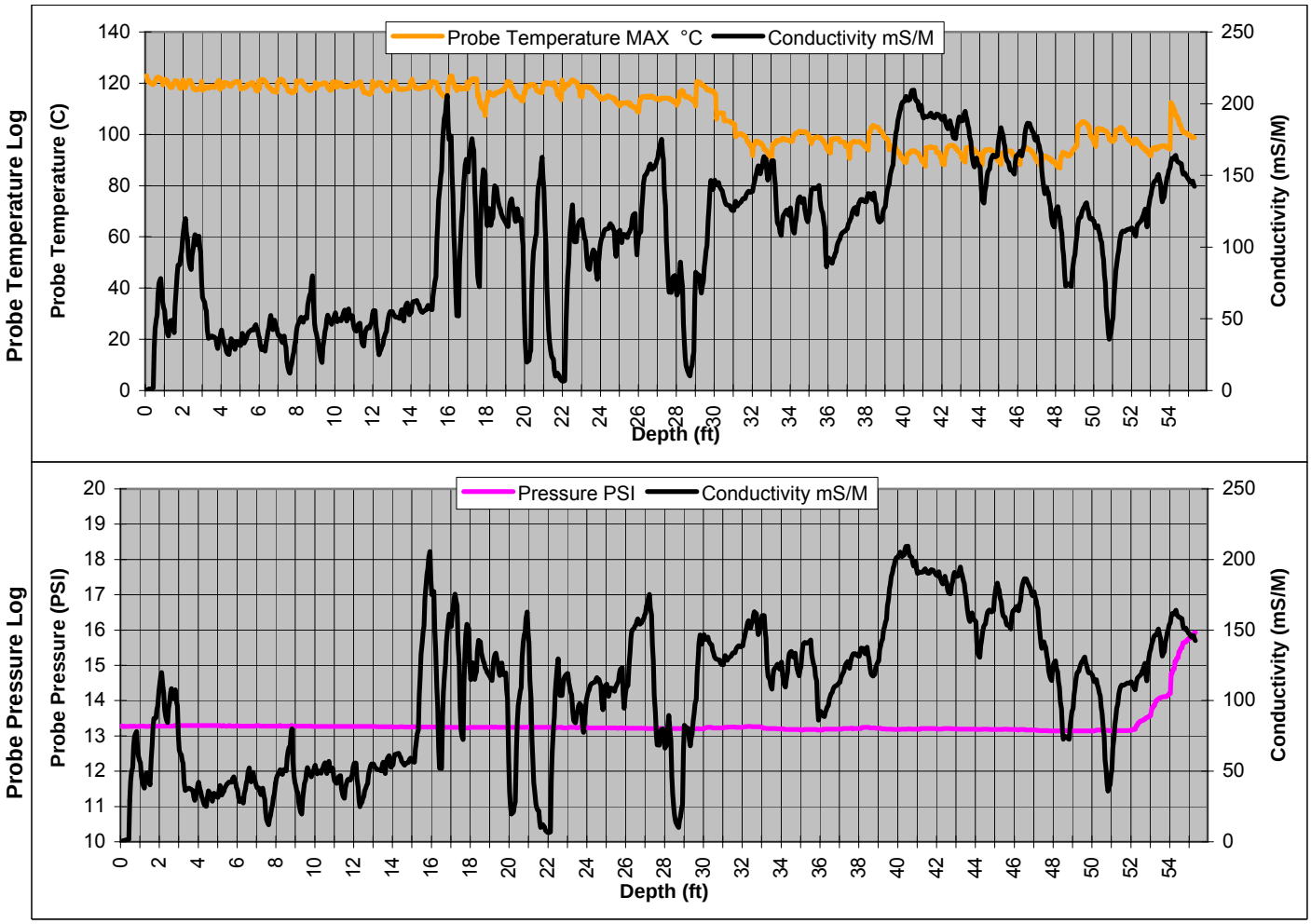
MIP Log Results by Boring - Detector Reading vs. Depth

Client	CDM	Boring I.D.:	MIP-25	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 27 2006	Detector 2 :	Photo Ionization (PID)
		Time:	08:48	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

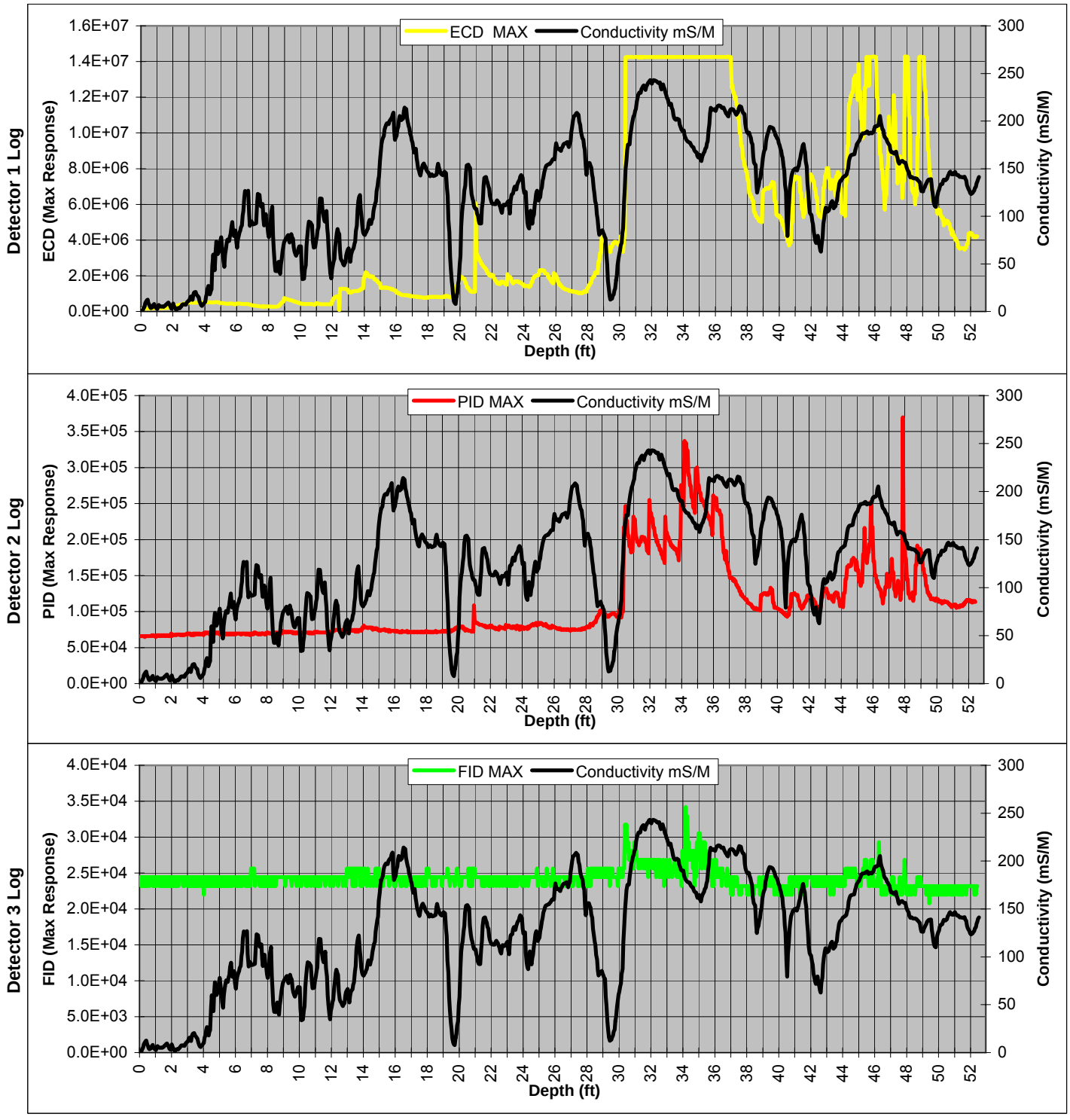
Client	#REF!	CDM	Boring I.D.: MIP-25	Graph 1 :	Probe Temperature (C)
			Date: Feb 27 2006	Graph 2 :	Probe Pressure (PSI)
			Time: 08:48		



Explanation: None

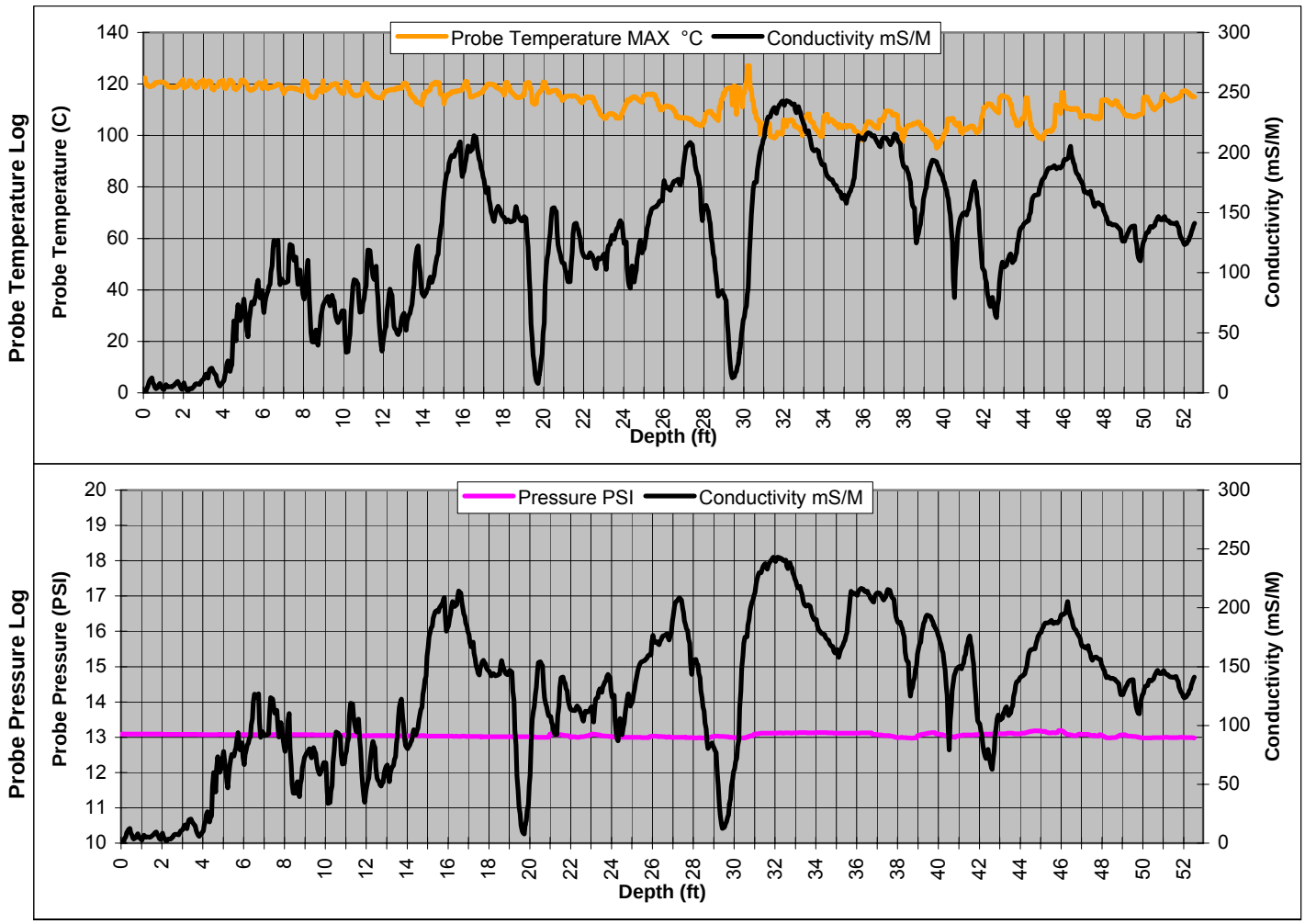
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-26	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 27 2006	Detector 2 :	Photo Ionization (PID)
		Time:	13:36	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

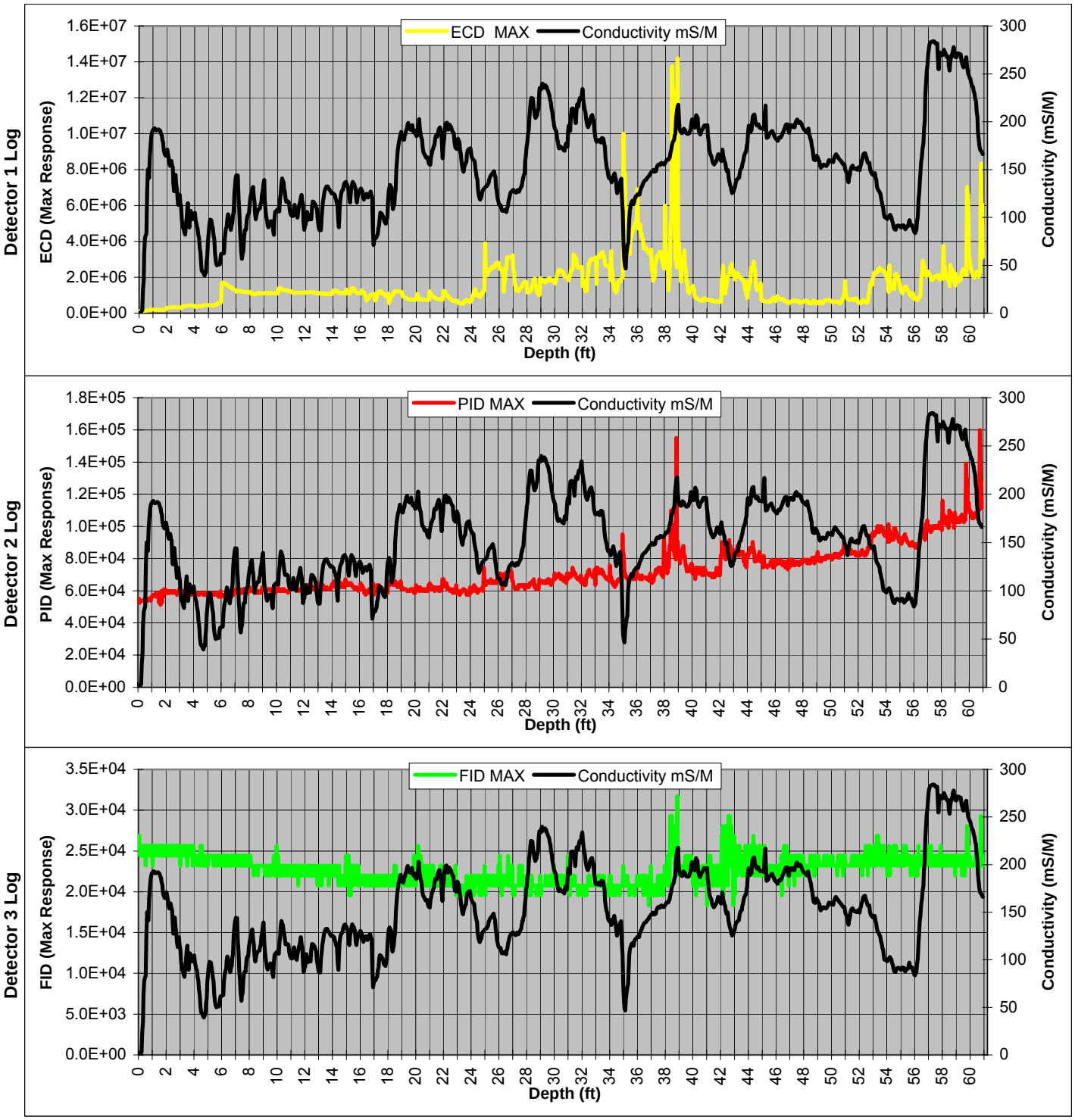
Client:	CDM	Boring I.D.:	MIP-26	Graph 1 :	Probe Temperature (C)
		Date:	Feb 27 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	13:36		



Explanation Cleared to 5 ft. with hand auger by Vironex.

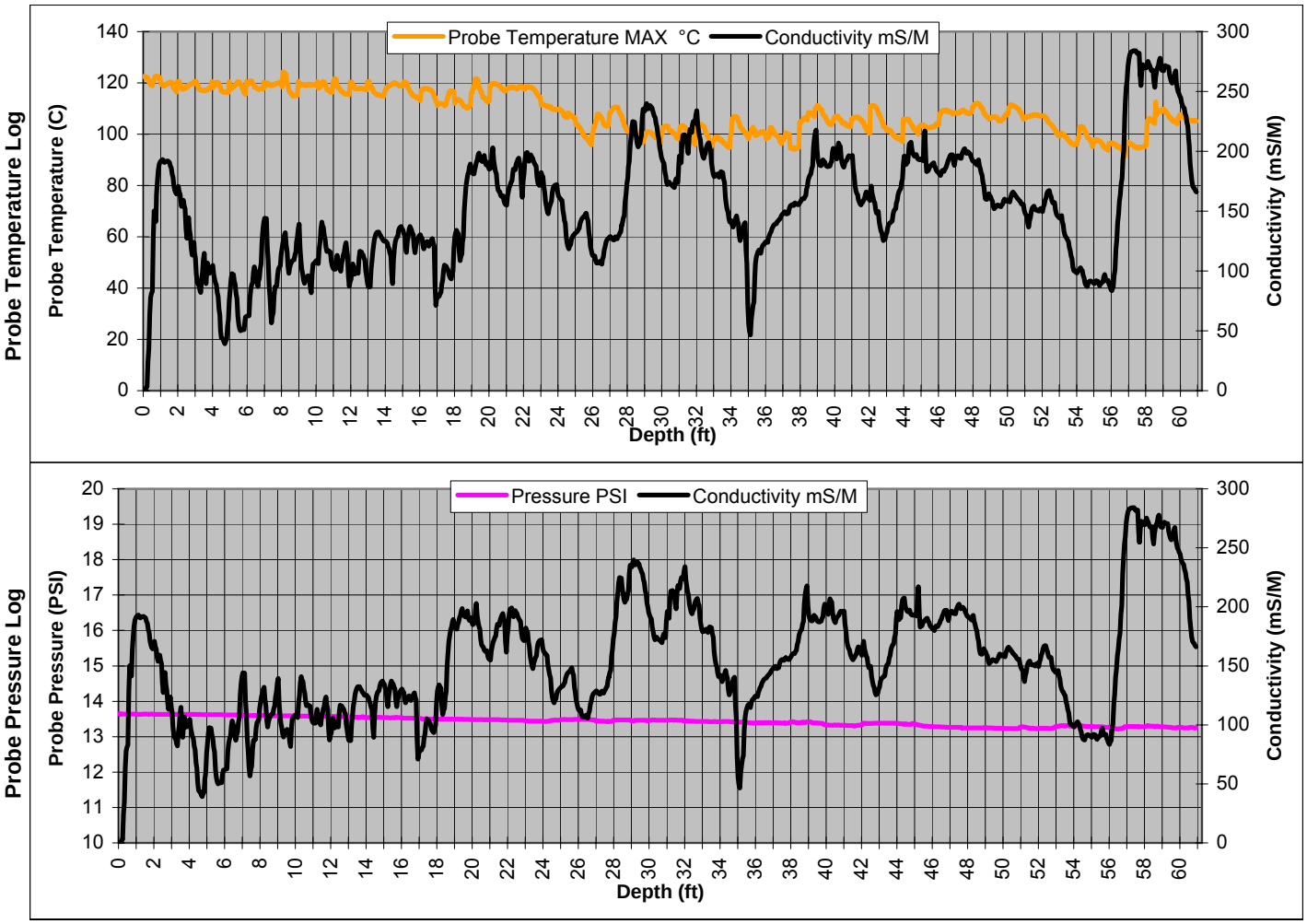
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-29	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 28 2006	Detector 2 :	Photo Ionization (PID)
		Time:	07:57	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

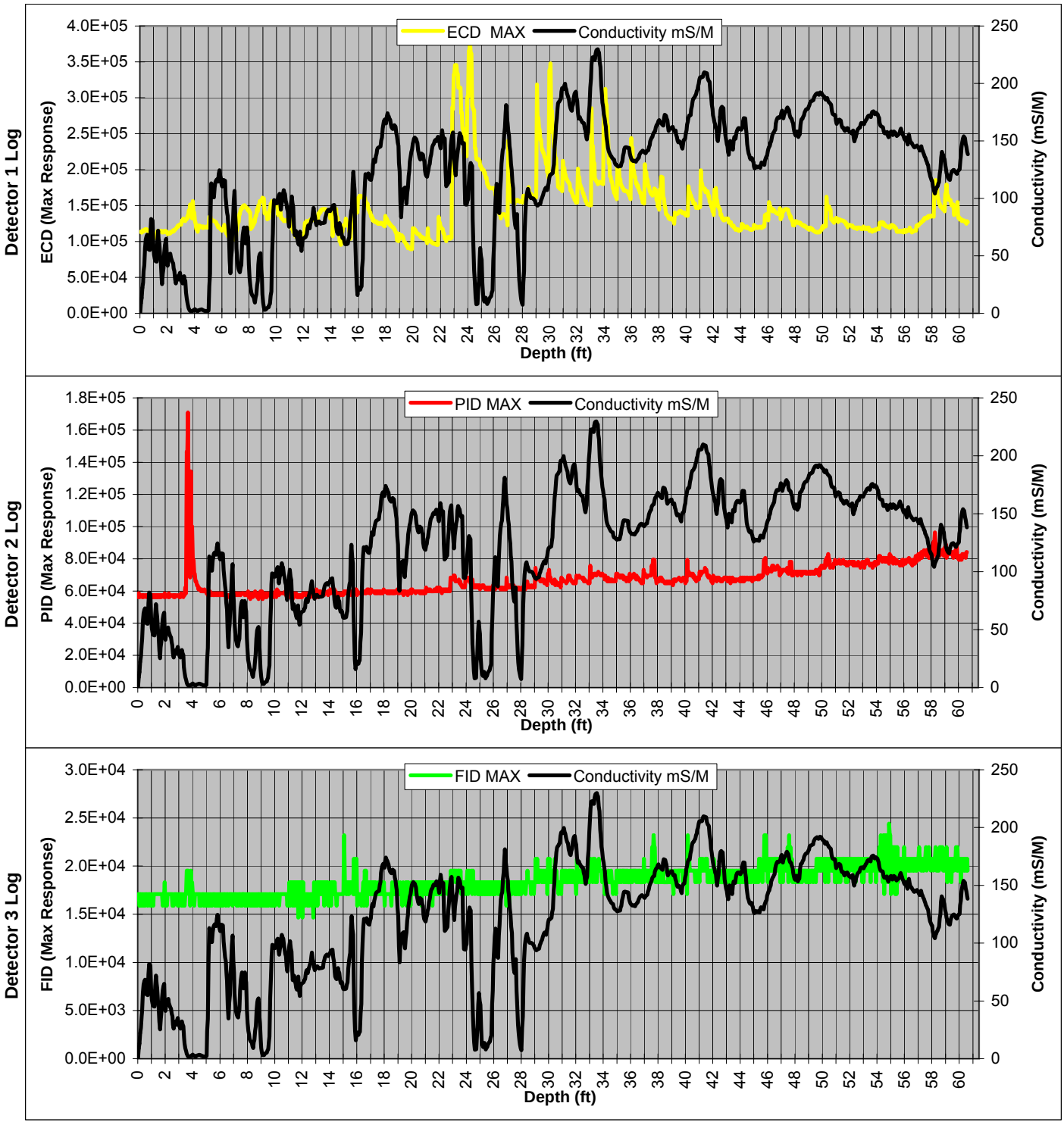
Client:	CDM	Boring I.D.:	MIP-29	Graph 1 :	Probe Temperature (C)
		Date:	Feb 28 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	07:57		



Explanation: None

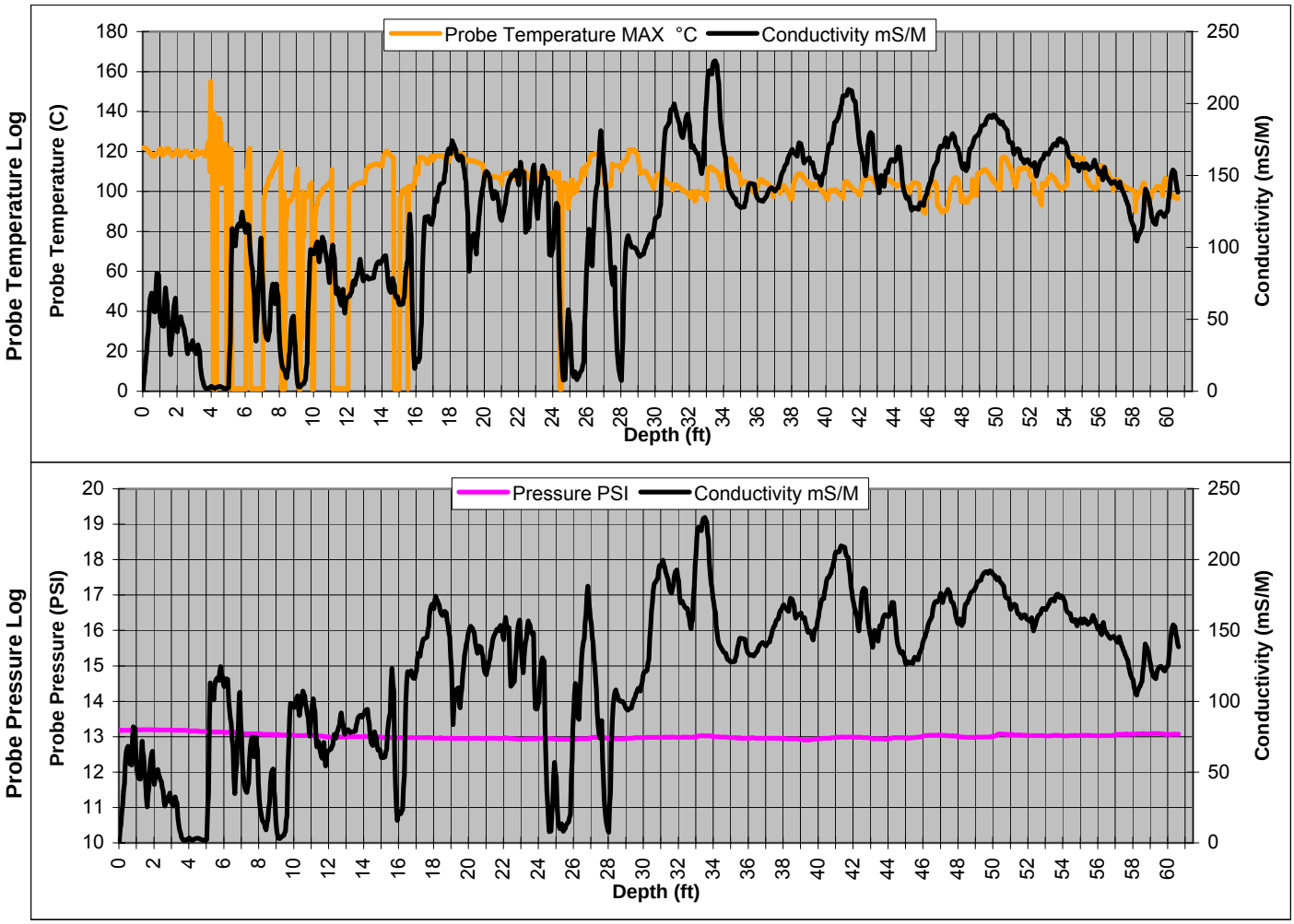
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-30	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 28 2006	Detector 2 :	Photo Ionization (PID)
		Time:	10:43	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

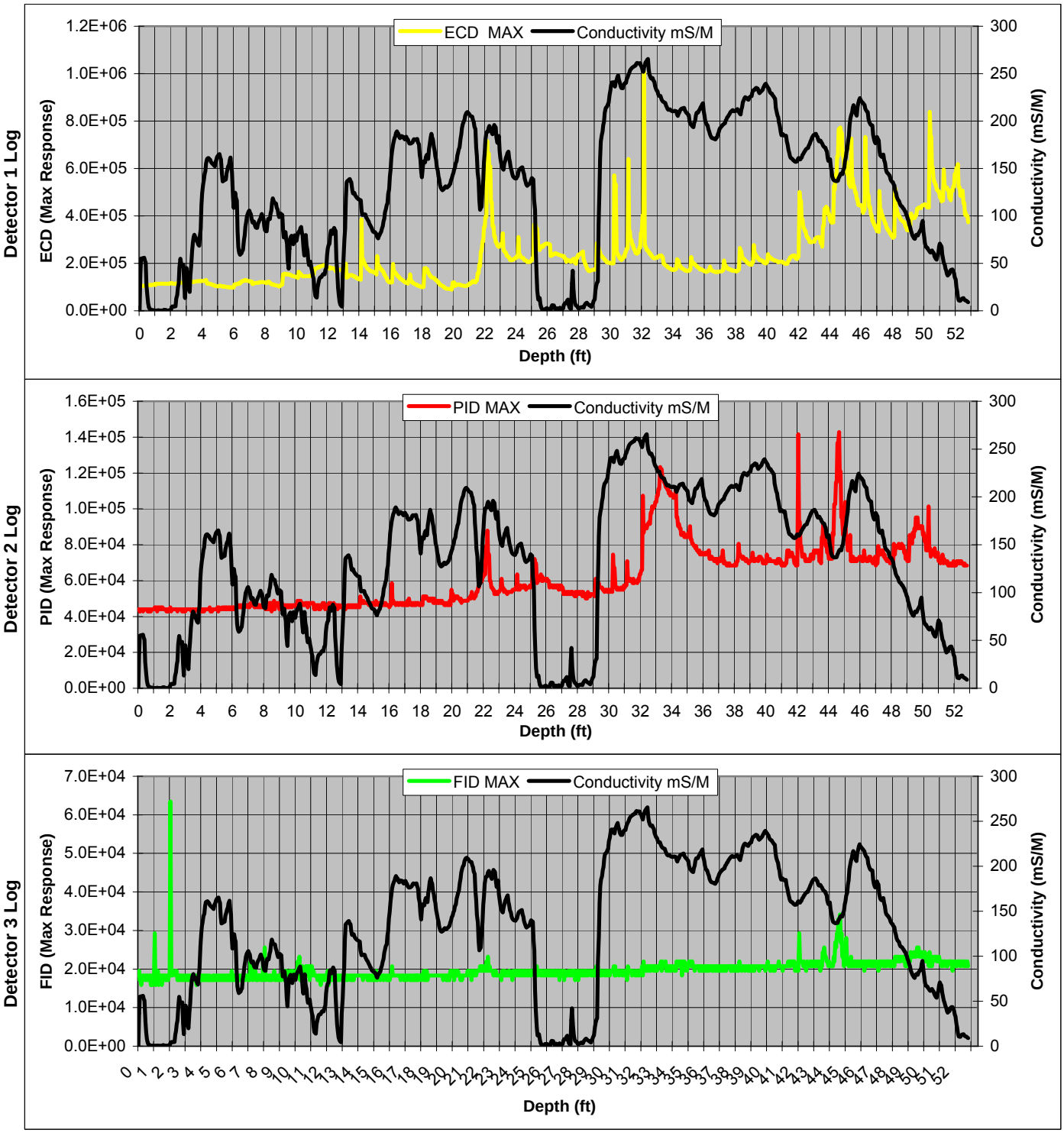
Client:	CDM	Boring I.D.:	MIP-30	Graph 1 :	Probe Temperature (C)
		Date:	Feb 28 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	10:43		



Explanation: While retracting probe lost 28 ft of 4ft. Rods and MIP Probe.

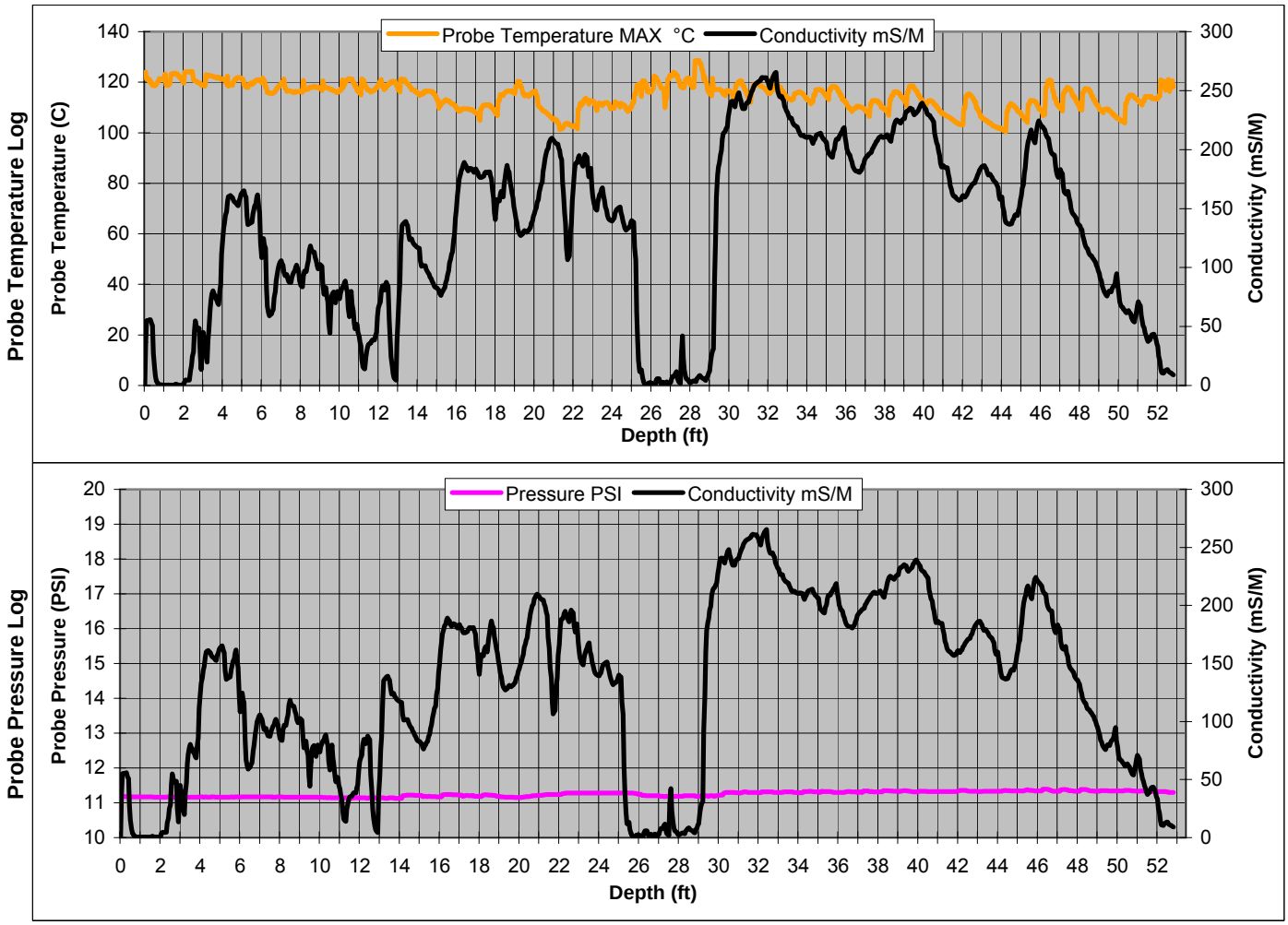
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-28	Detector 1 :	Electron Capture (ECD)
		Date:	Mar 01 2006	Detector 2 :	Photo Ionization (PID)
		Time:	08:37	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-28	Graph 1 :	Probe Temperature (C)
		Date:	Mar 01 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	08:37		

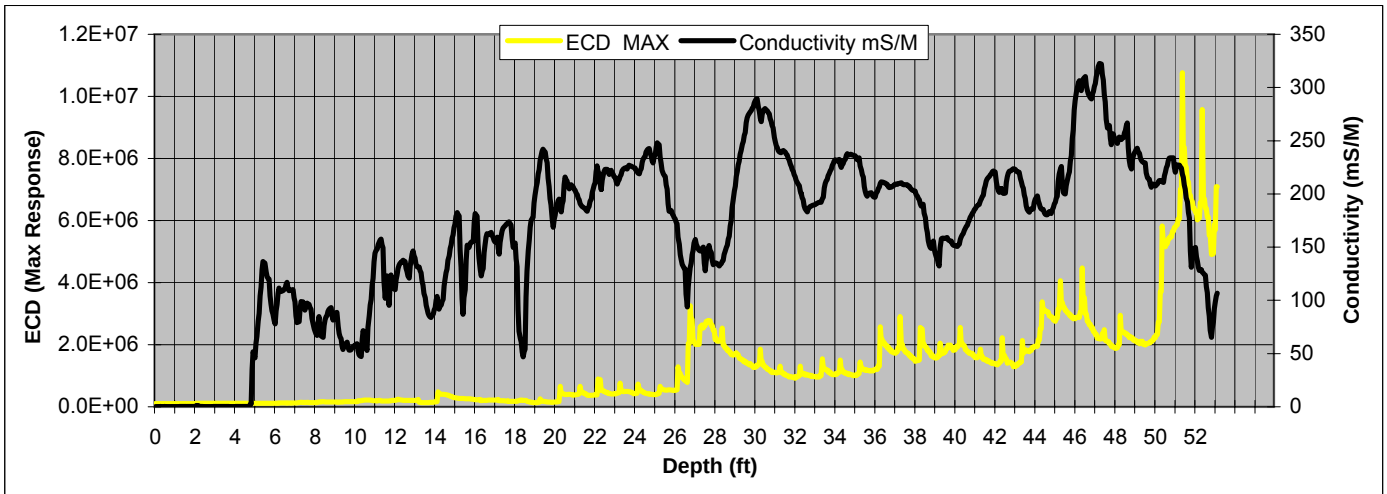


Explanation: Hand auger to 5 ft. By Vironex.

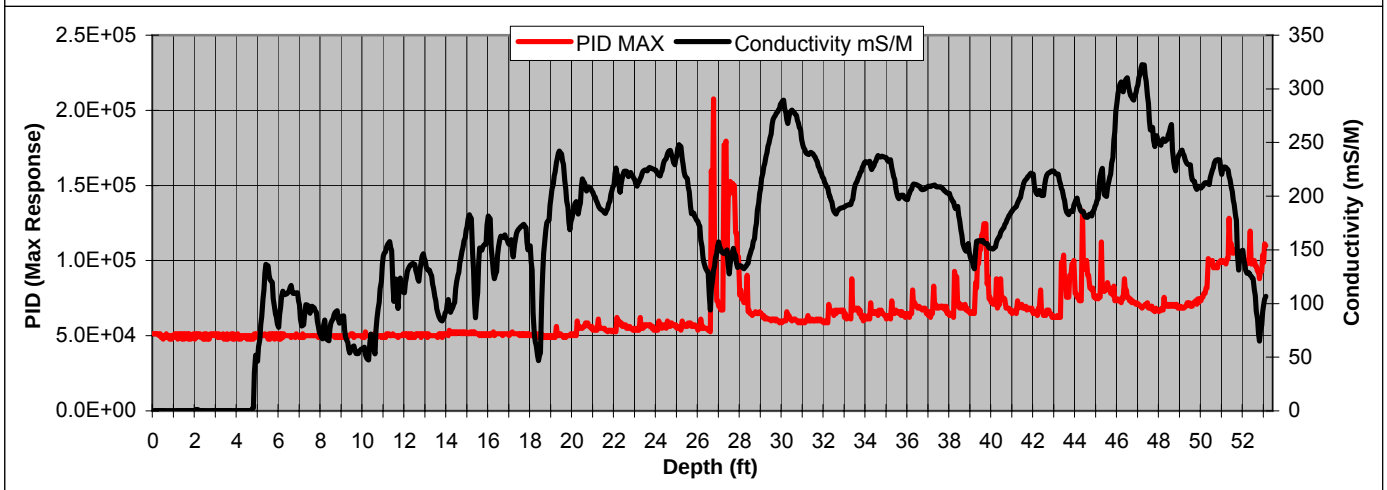
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-27	Detector 1 :	Electron Capture (ECD)
		Date:	Mar 01 2006	Detector 2 :	Photo Ionization (PID)
		Time:	11:10	Detector 3 :	Flame Ionization (FID)

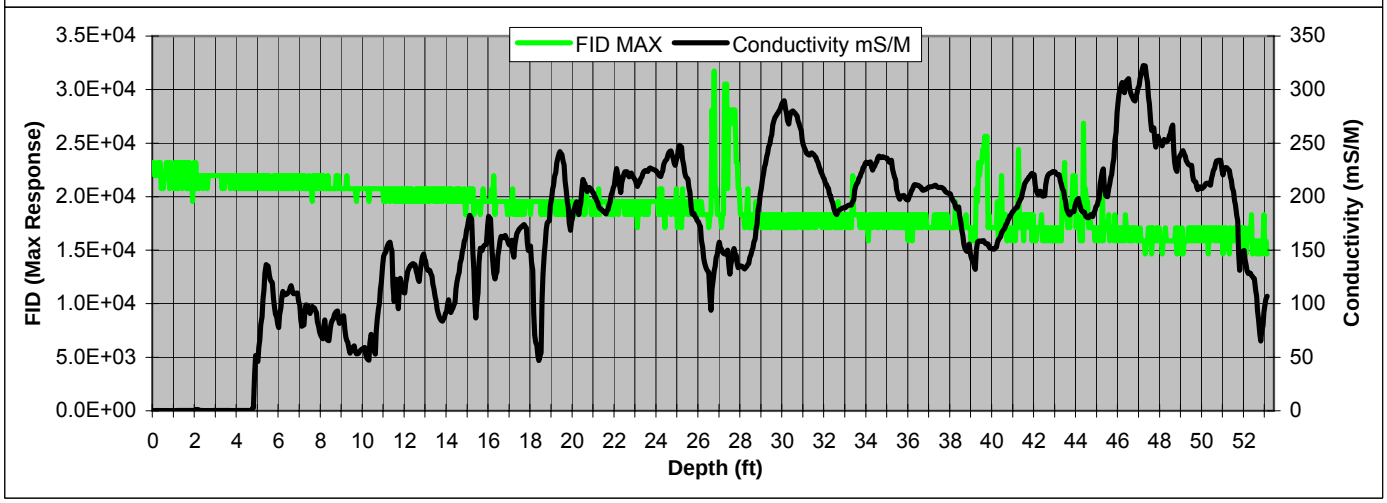
Detector 1 Log



Detector 2 Log

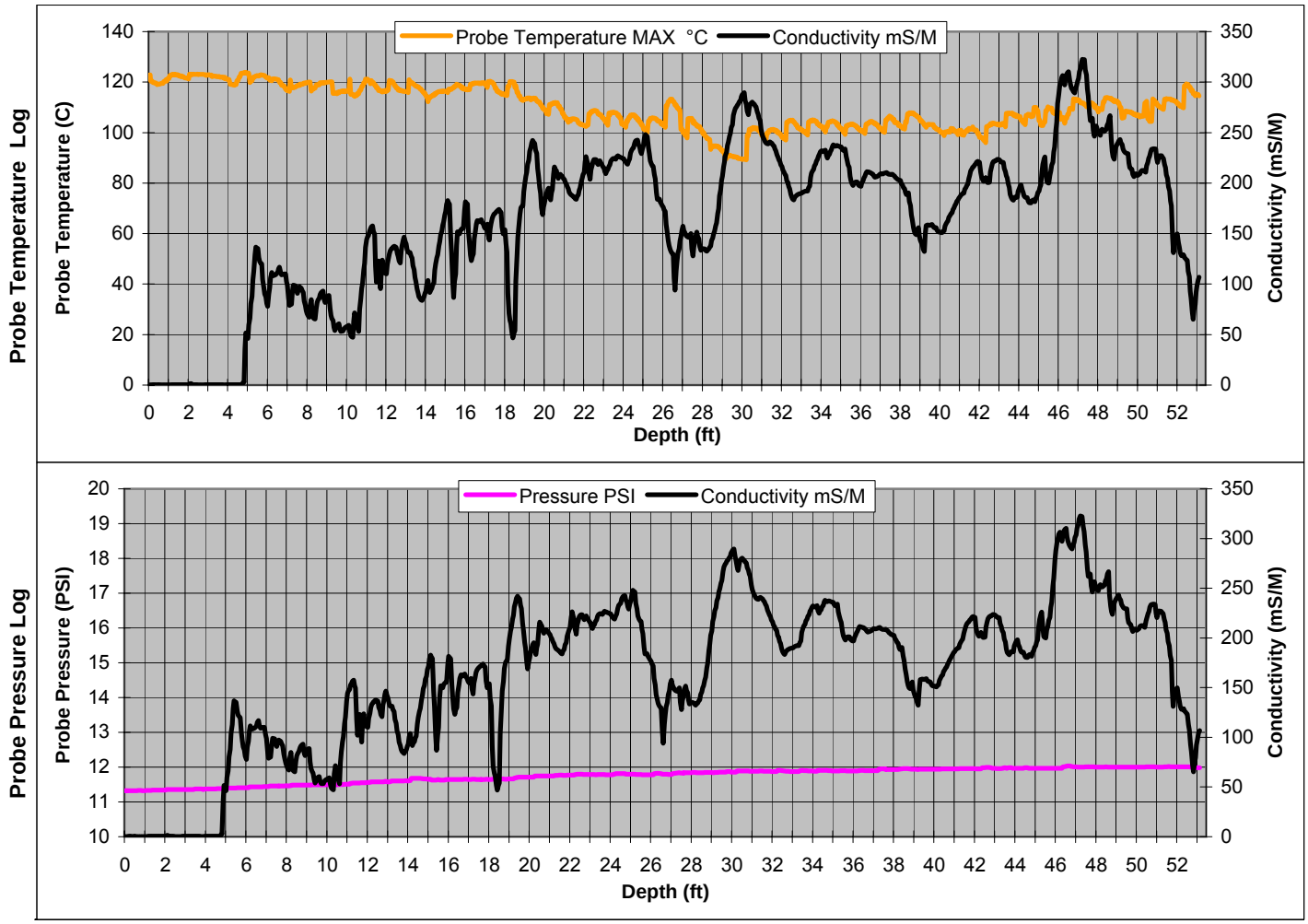


Detector 3 Log



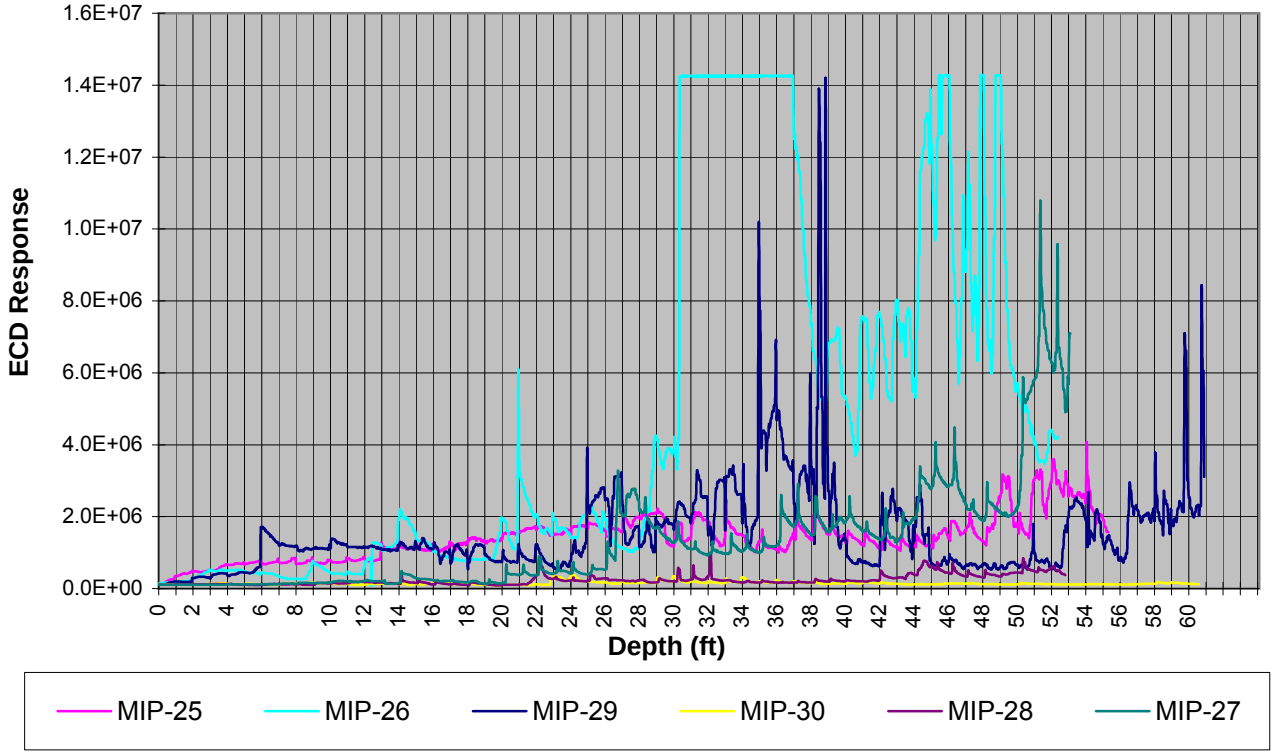
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-27	Graph 1 :	Probe Temperature (C)
		Date:	Mar 01 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	11:10		

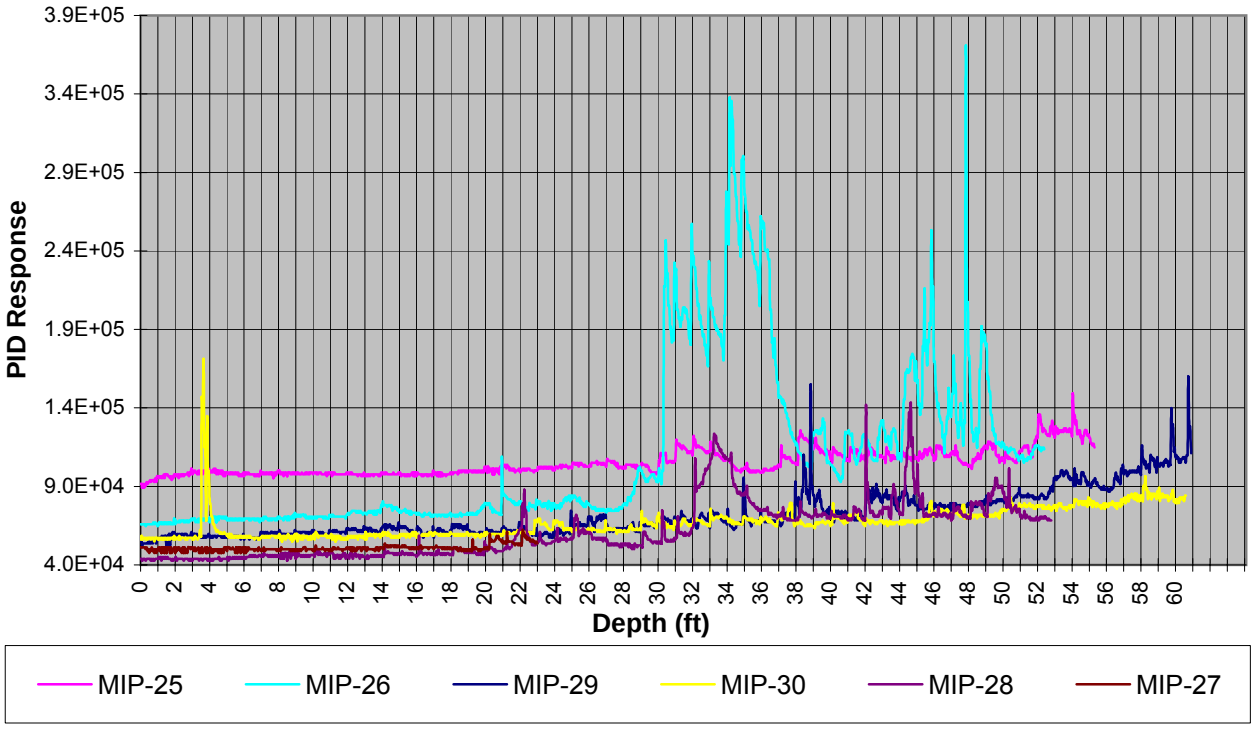


Explanation: Hand auger to 5ft. By Vironex.

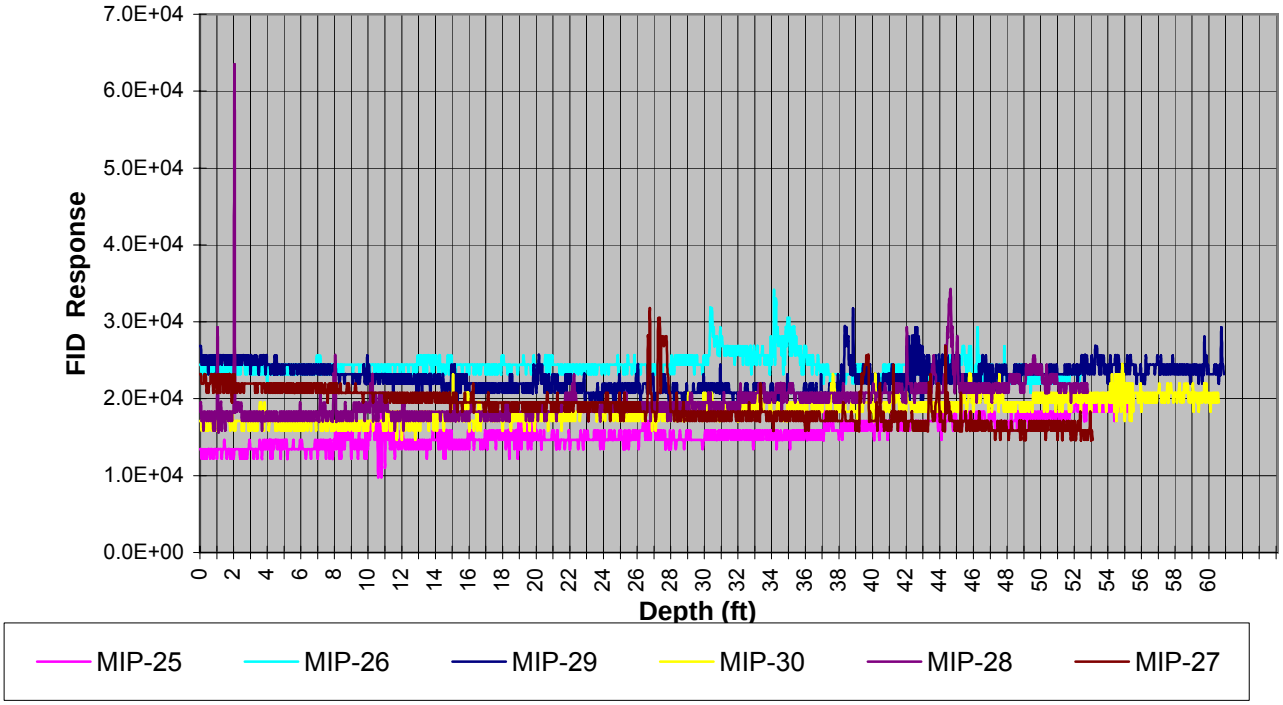
Maximum ECD Response Same Scale



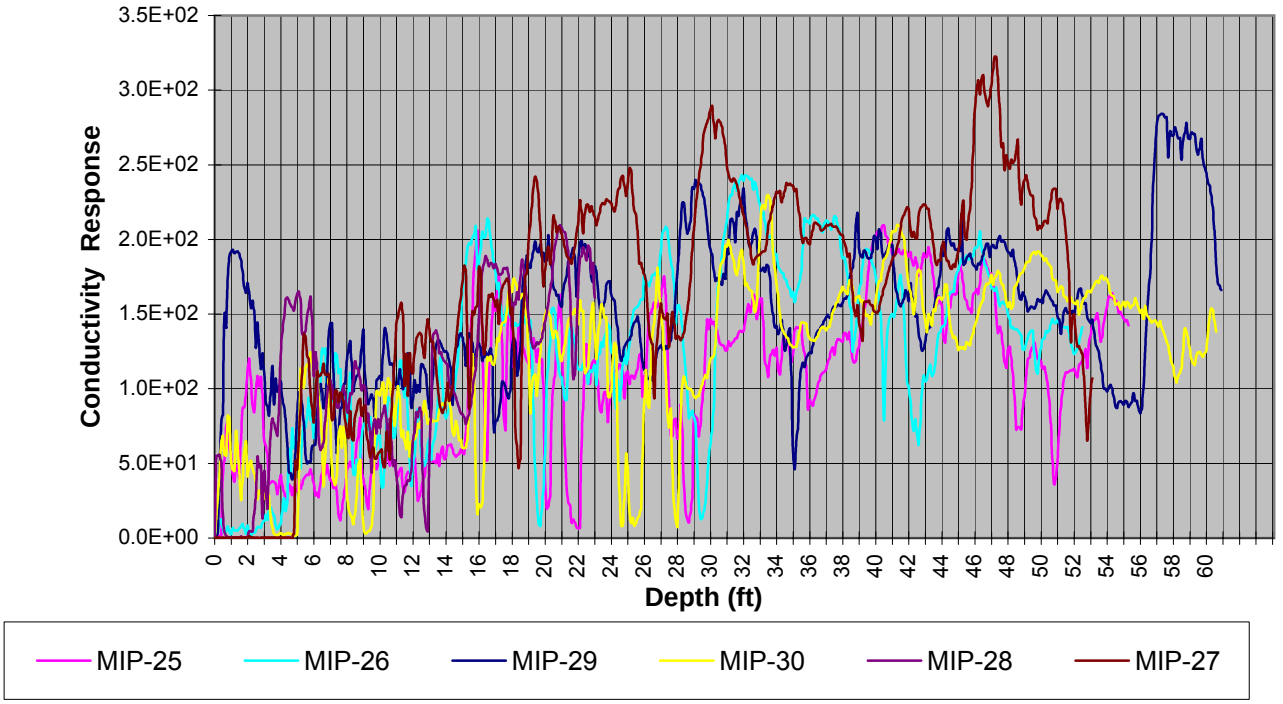
Maximum PID Response Same Scale



Maximum FID Response Same Scale



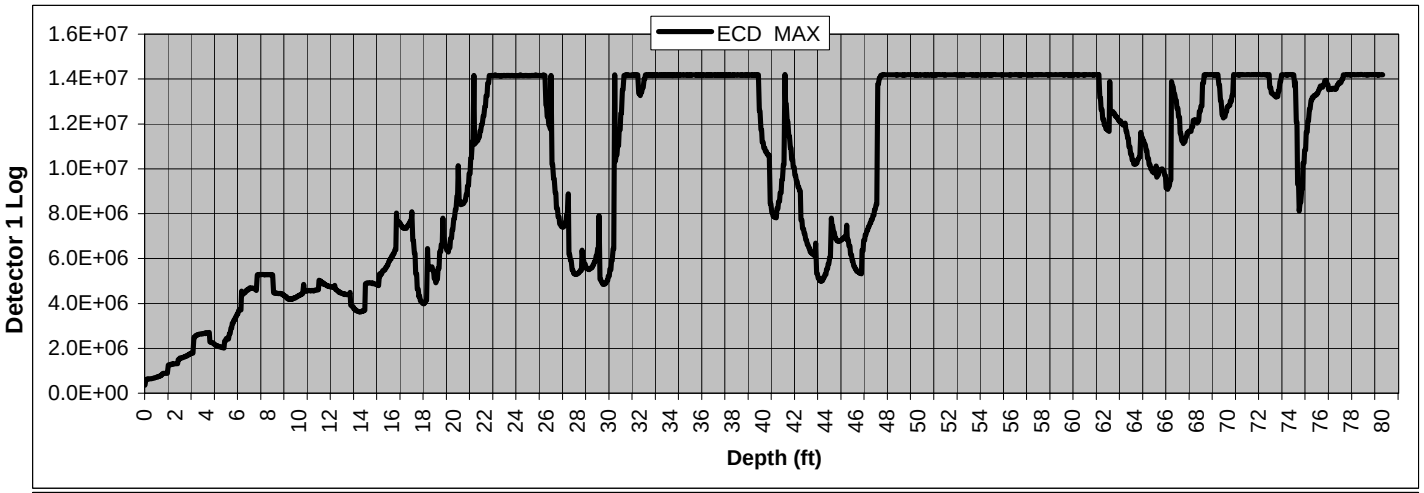
Conductivity Response Same Scale

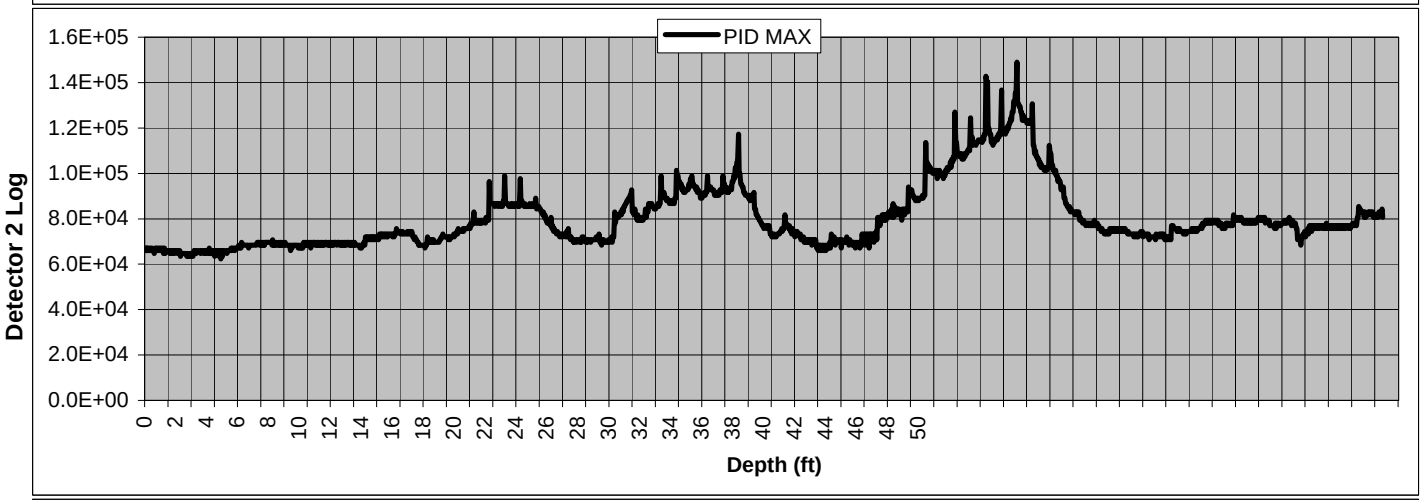


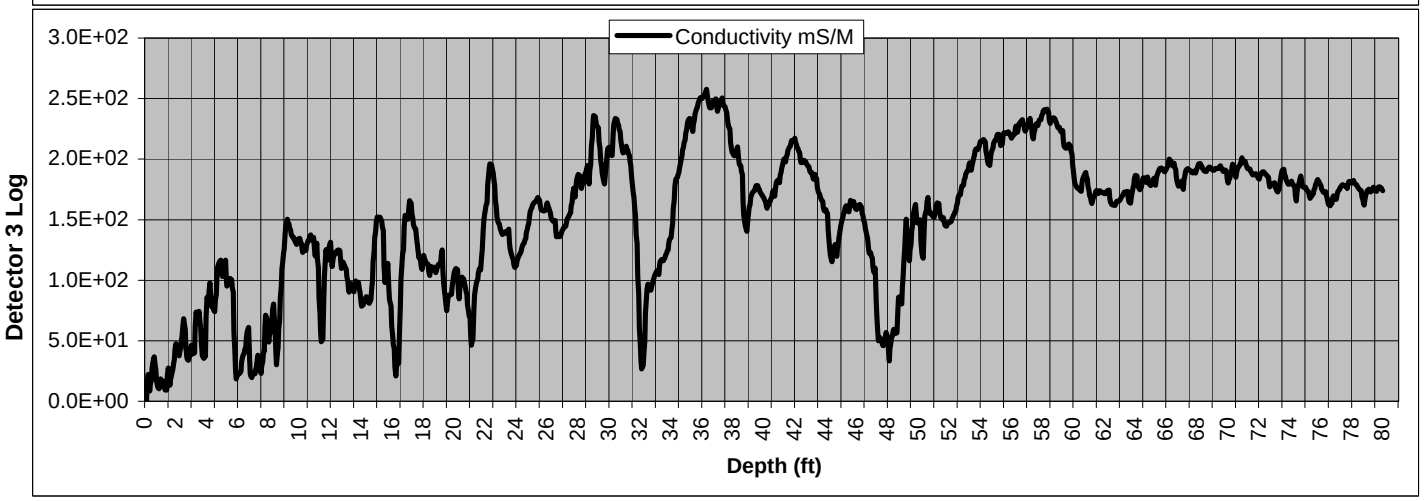
MIP Data Summary:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-1	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 26 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	12:08	Detector 3 :	Electrical Conductance (EC)

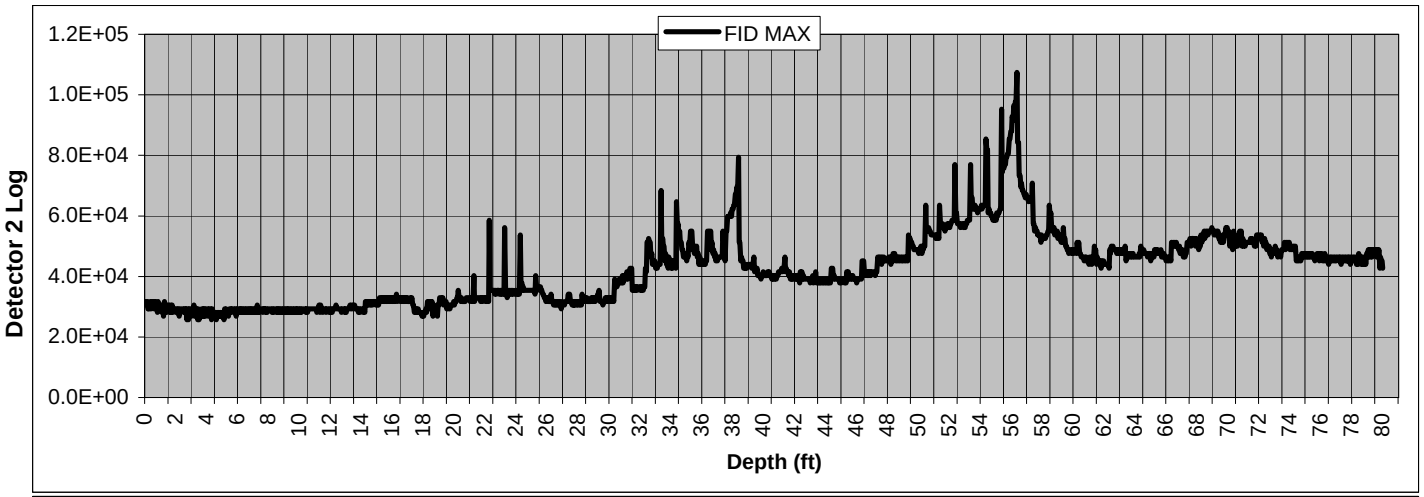


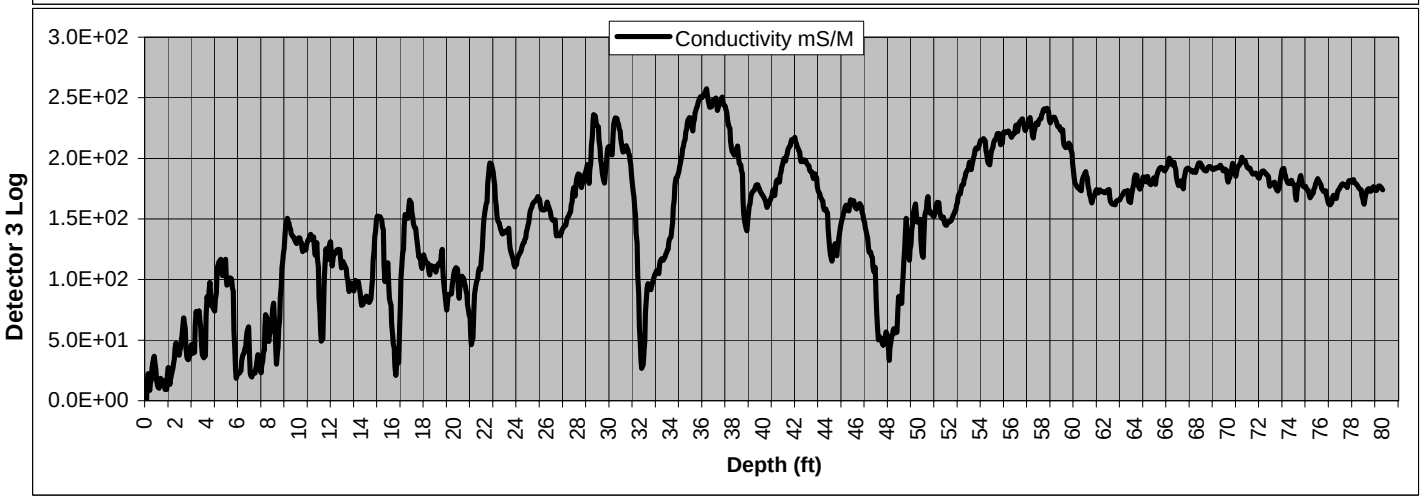




MIP Log Results by Boring - Detector Reading vs. Depth

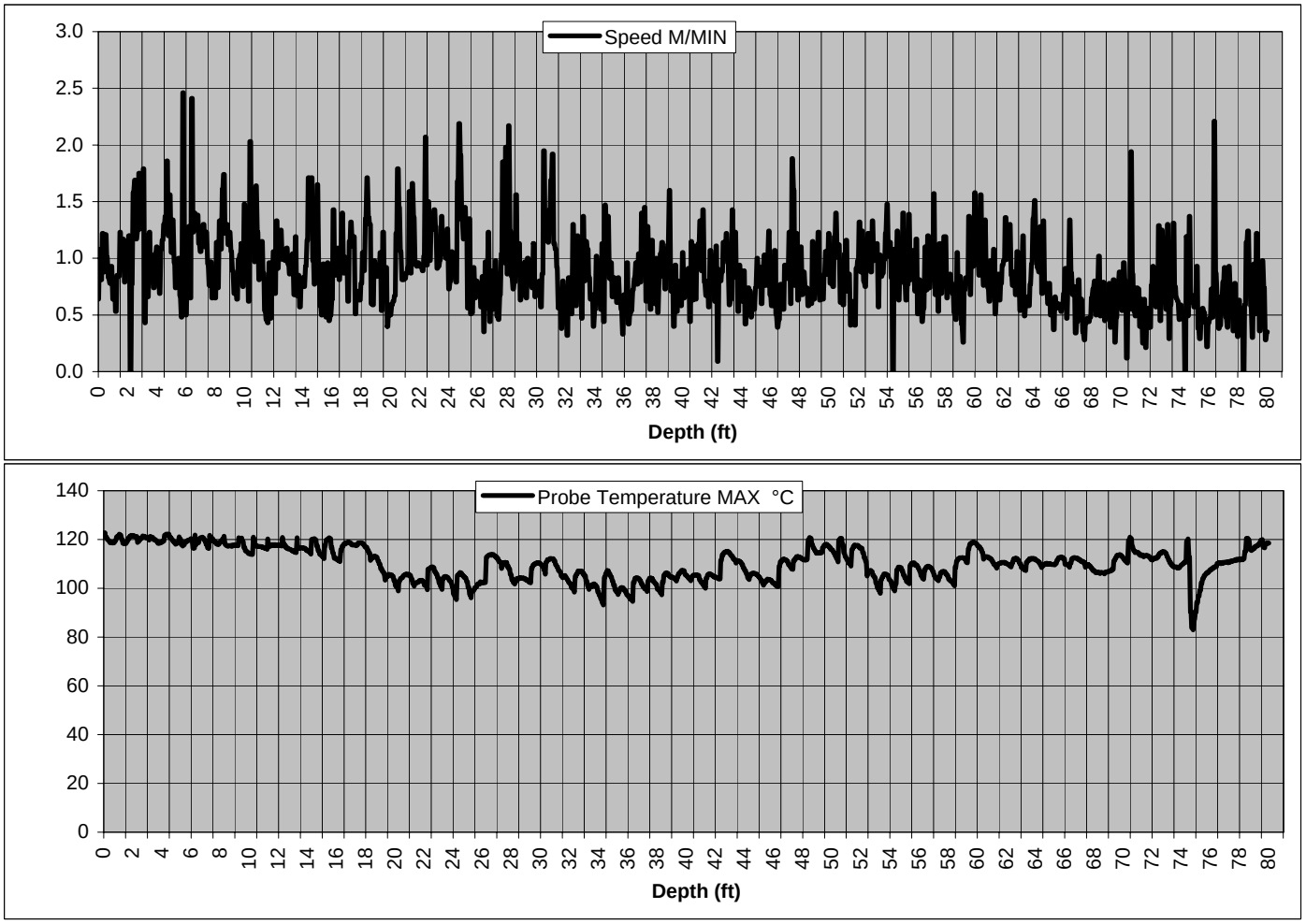
Client:	0	Boring I.D.:	MIP-1	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 26 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	12:08		





MIP Log Results by Boring - Detector Reading vs. Depth

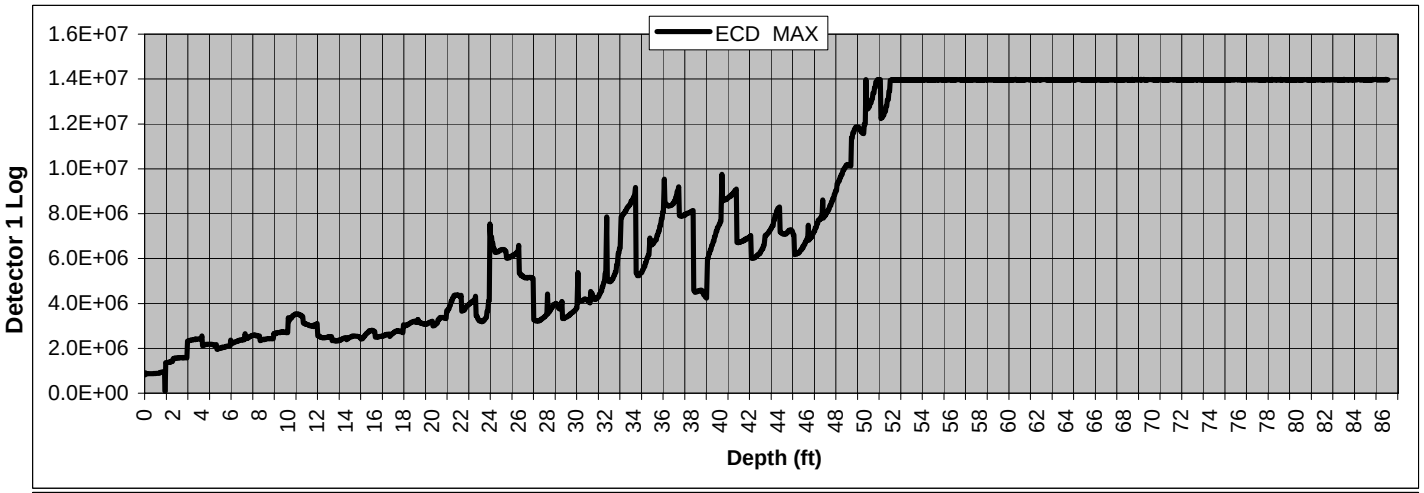
Client:	0	Boring I.D.:	MIP-1	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 26 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	12:08		

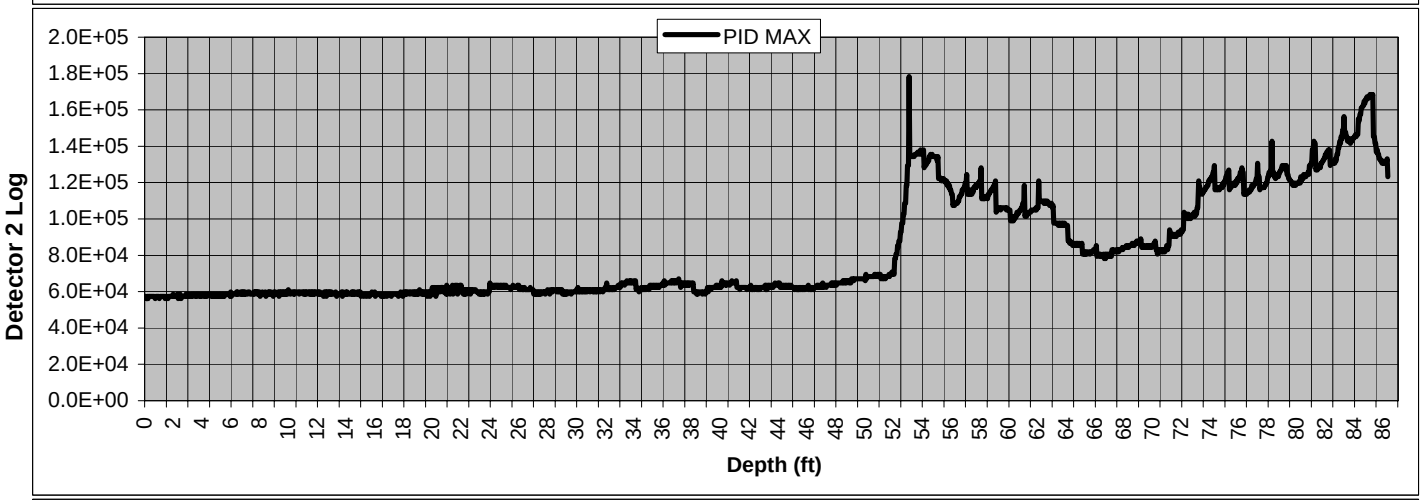


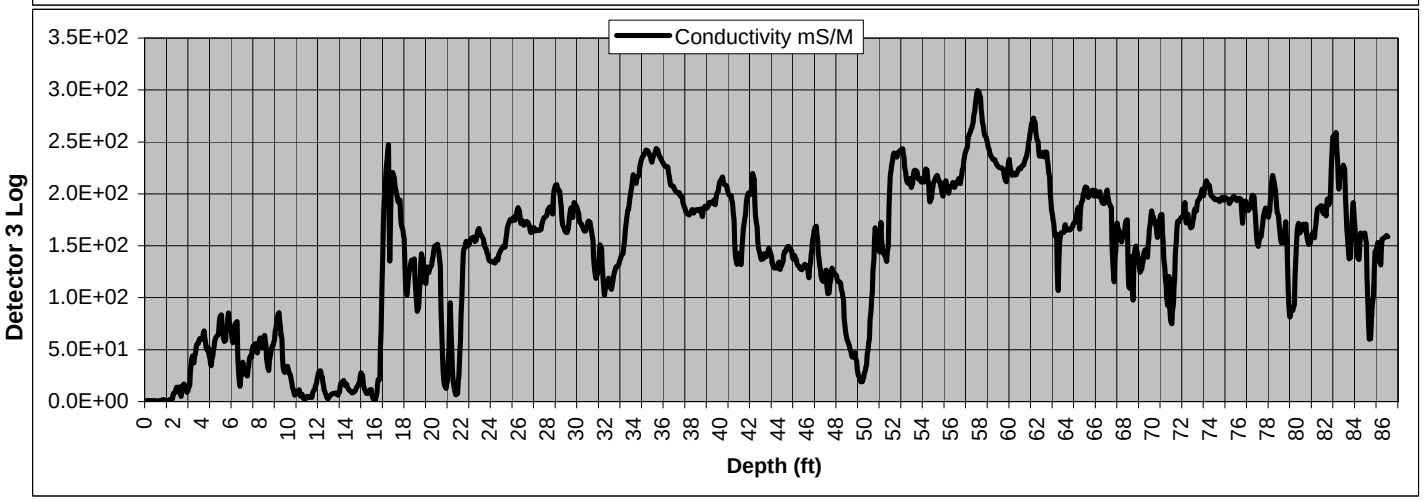
Explanation: Rod broken during removal. MIP probe lost.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-2	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 27 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	14:35	Detector 3 :	Electrical Conductance (EC)

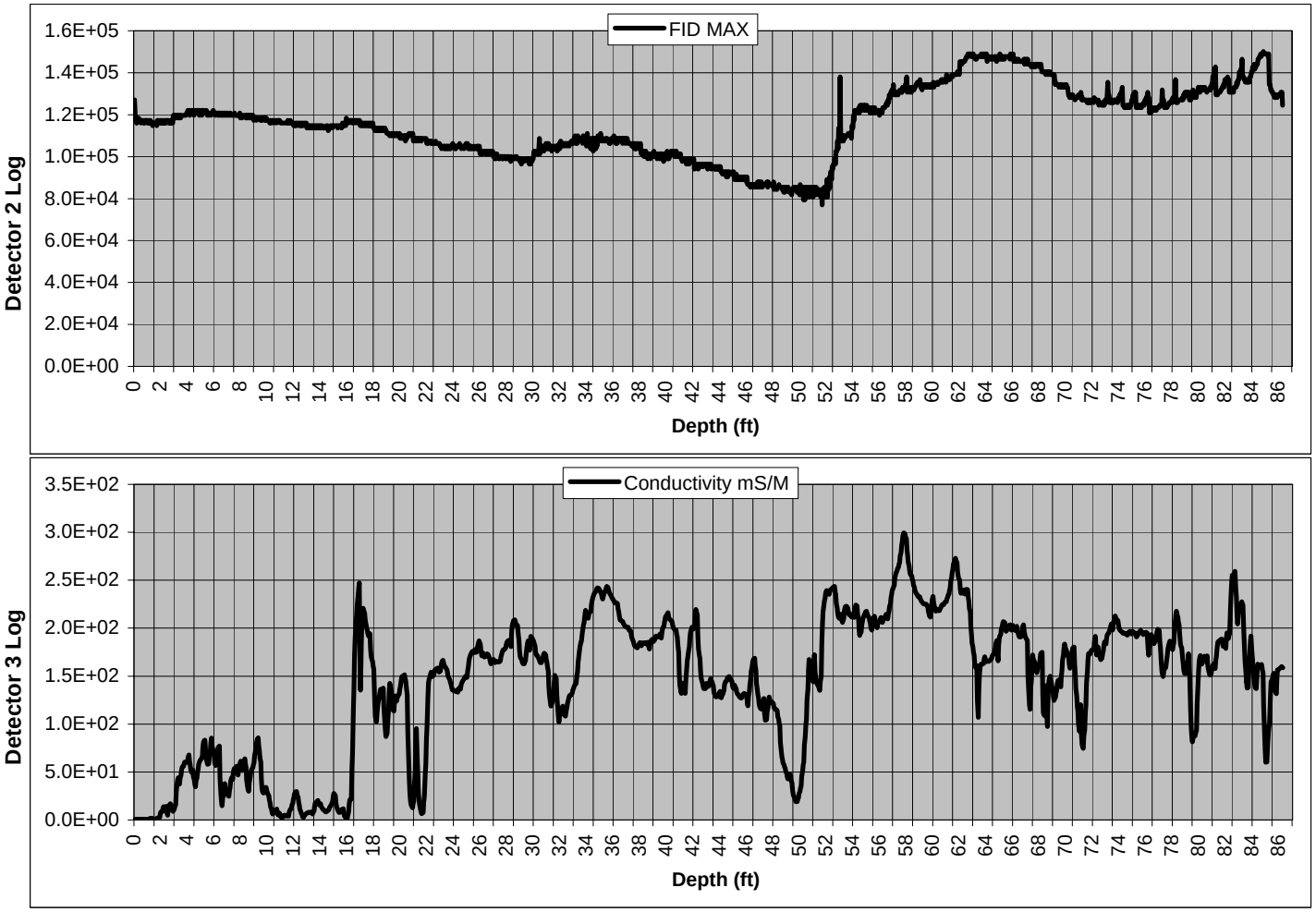






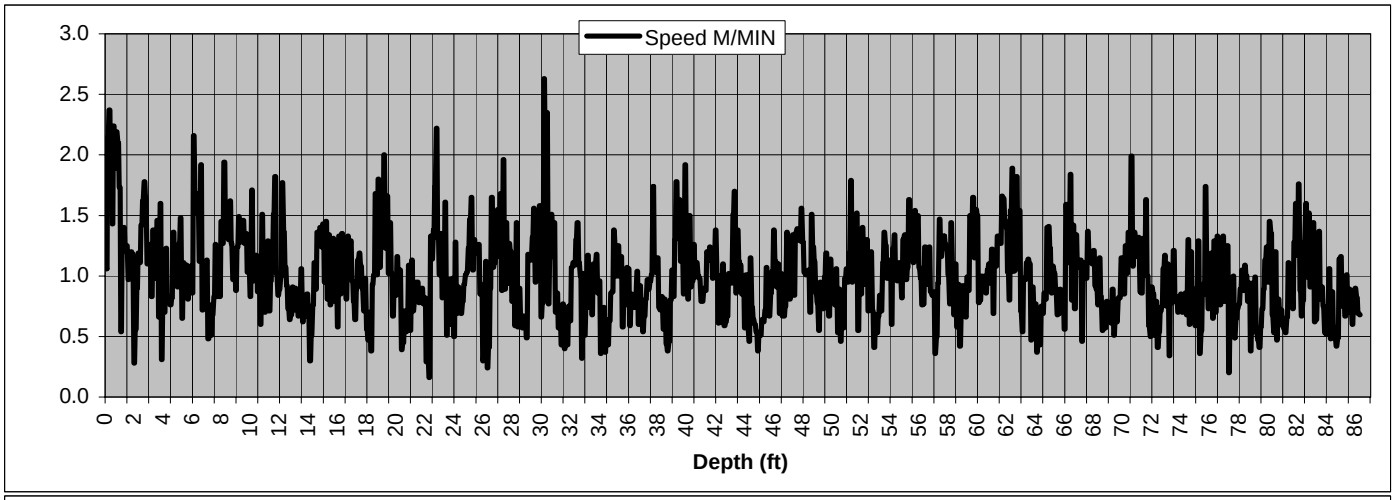
MIP Log Results by Boring - Detector Reading vs. Depth

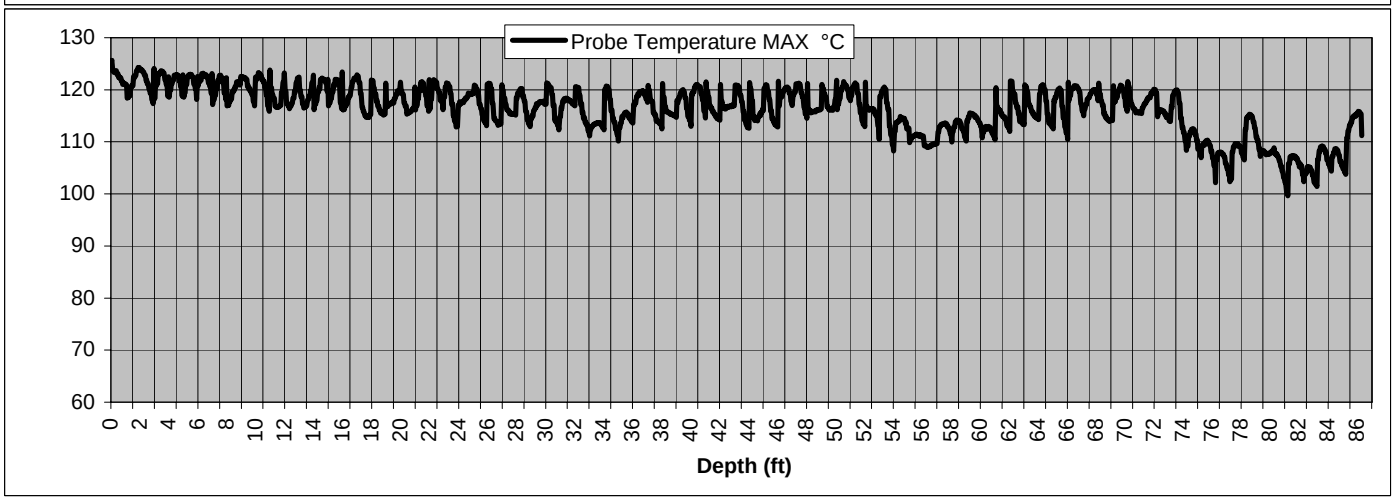
Client:	0	Boring I.D.:	MIP-2	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 27 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	14:35		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-2	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 27 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	14:35		

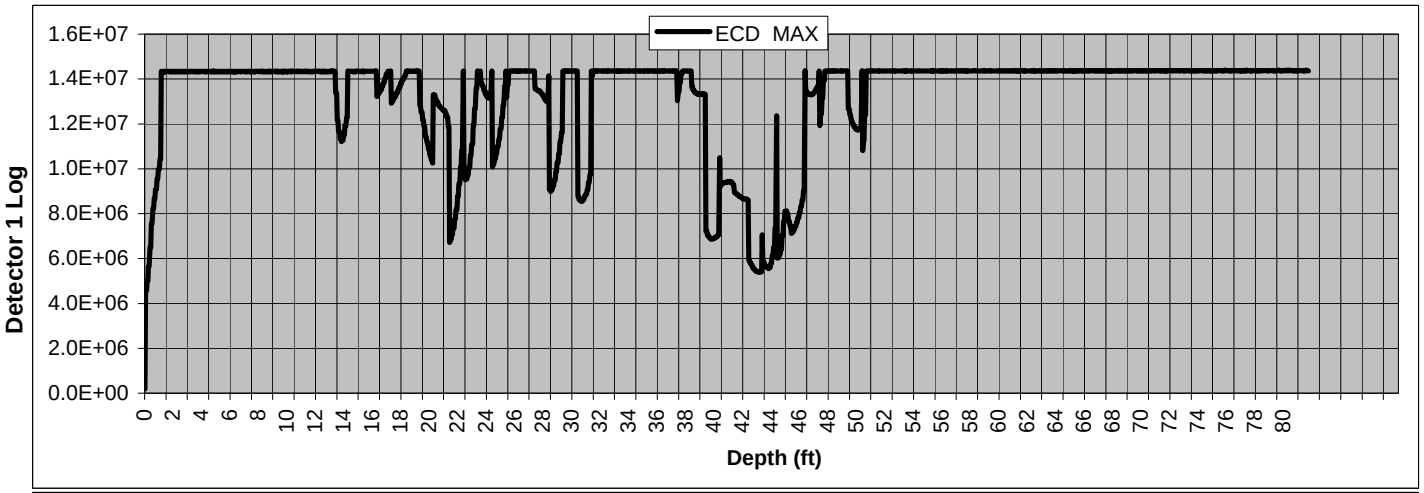


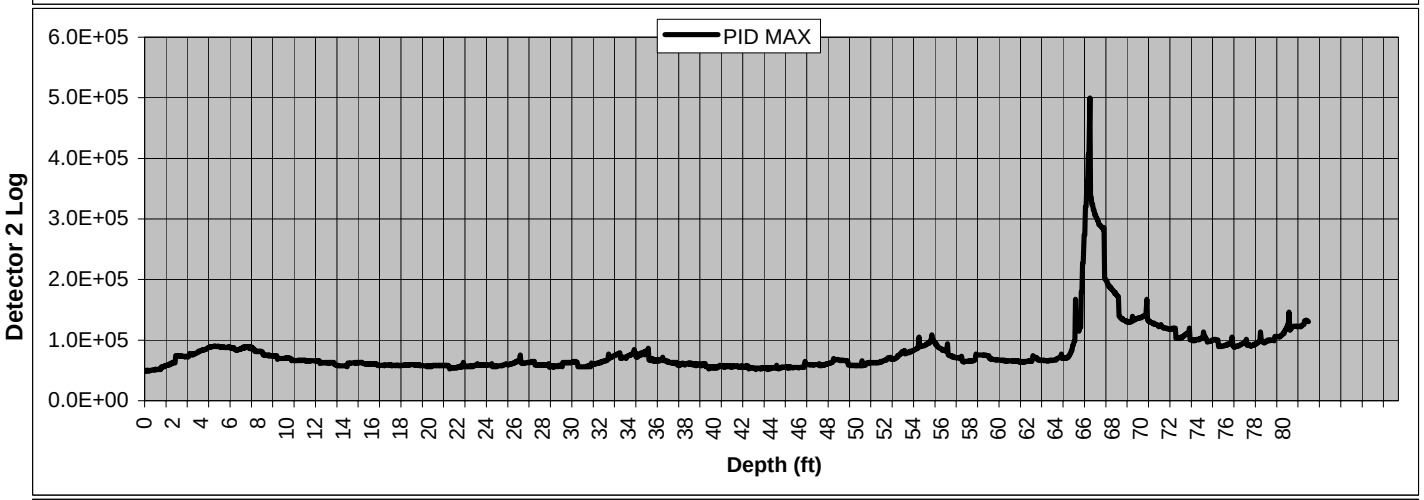


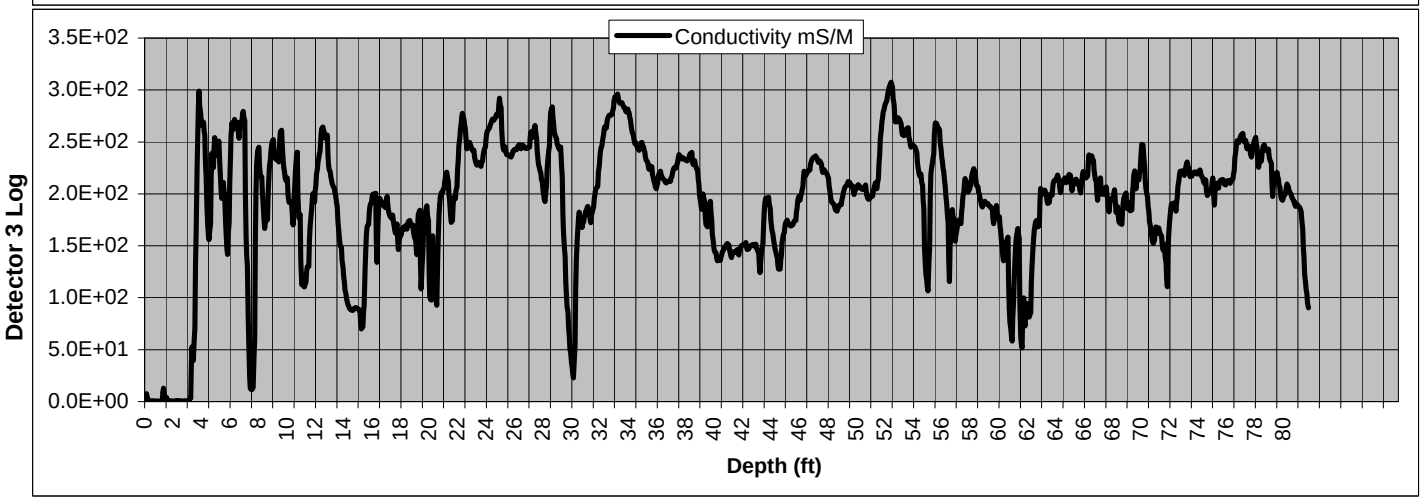
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-3	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 29 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	09:22	Detector 3 :	Electrical Conductance (EC)

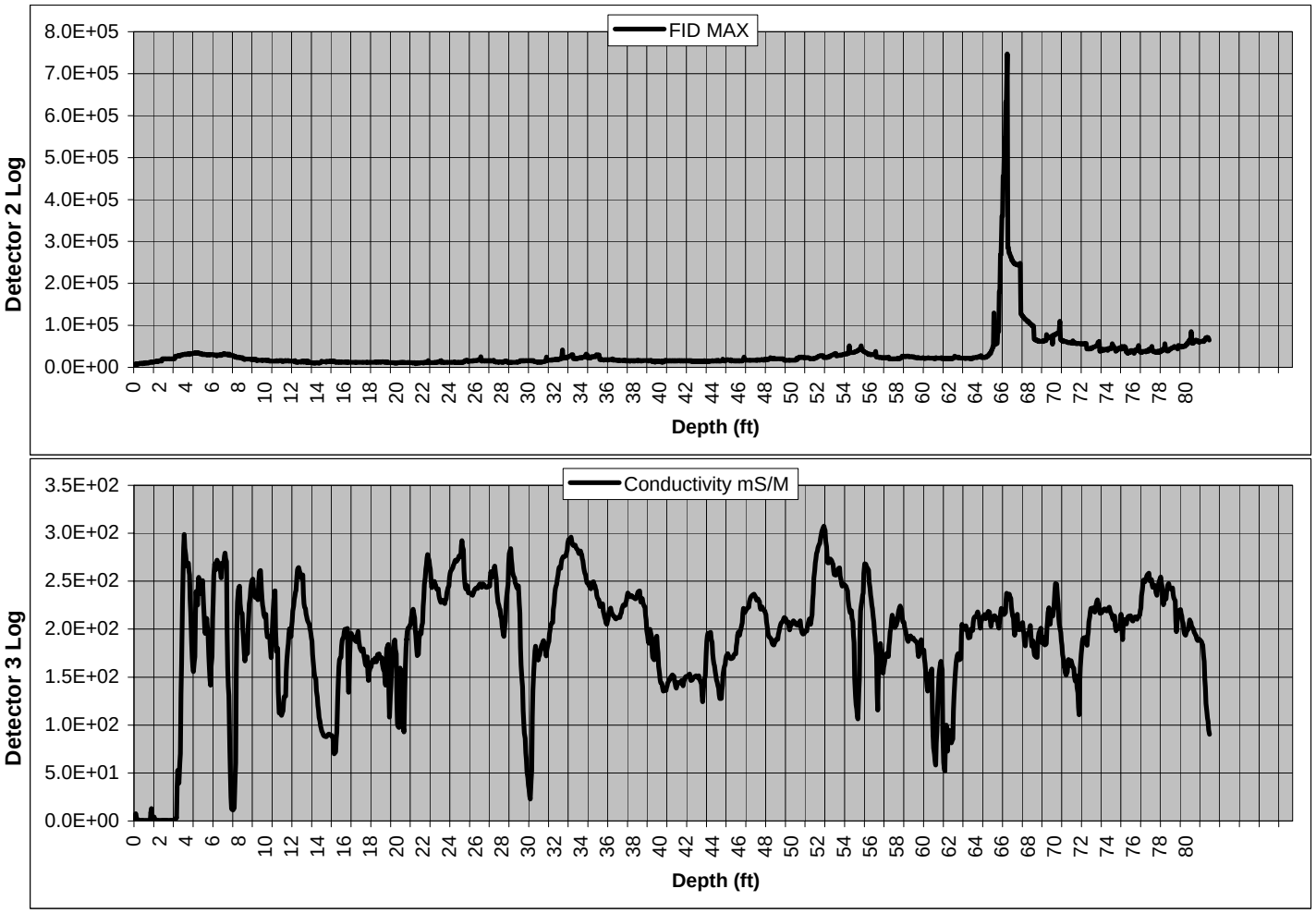






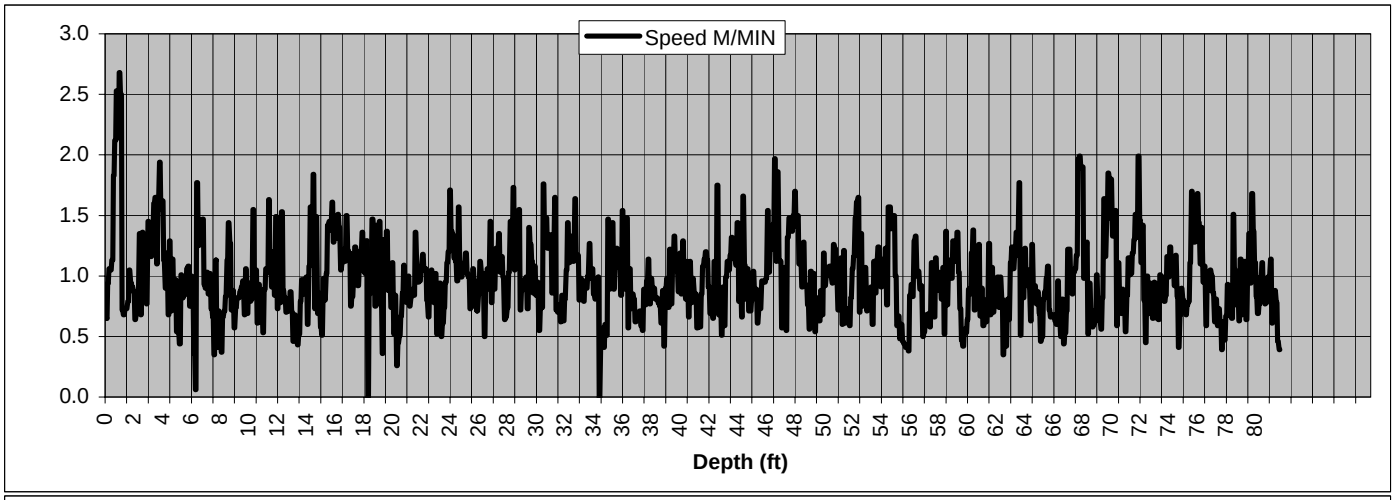
MIP Log Results by Boring - Detector Reading vs. Depth

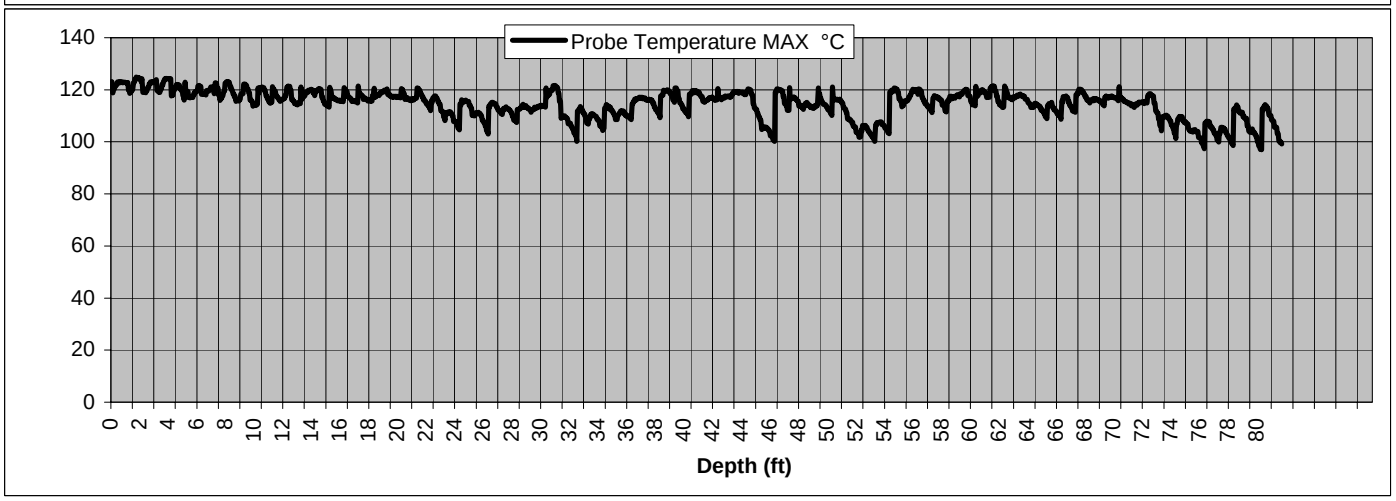
Client:	0	Boring I.D.:	MIP-3	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 29 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	09:22		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-3	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 29 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	09:22		

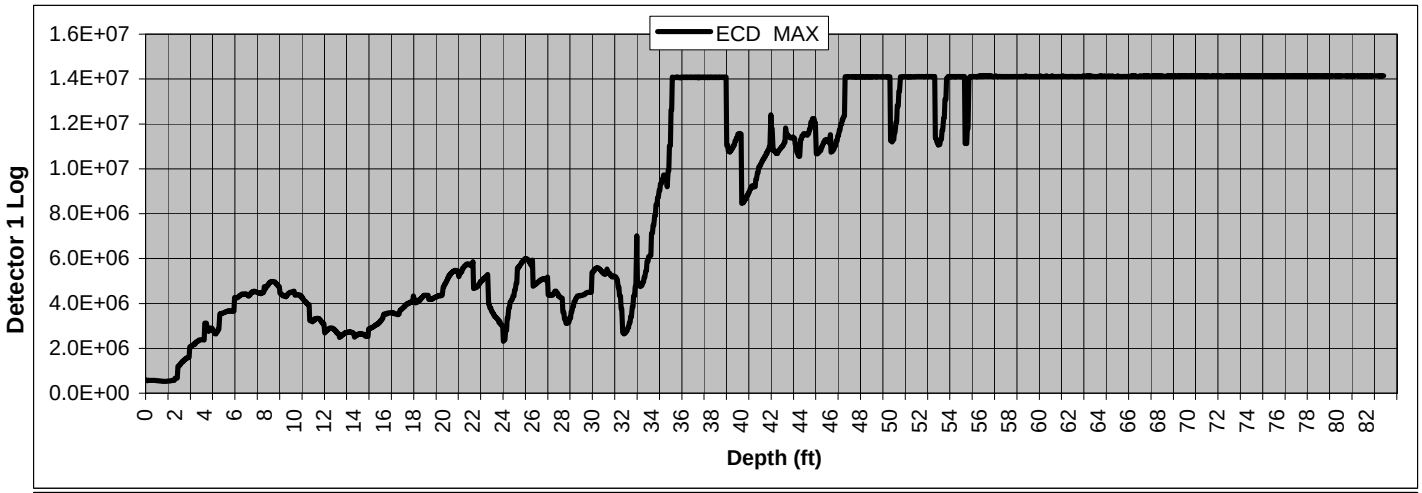


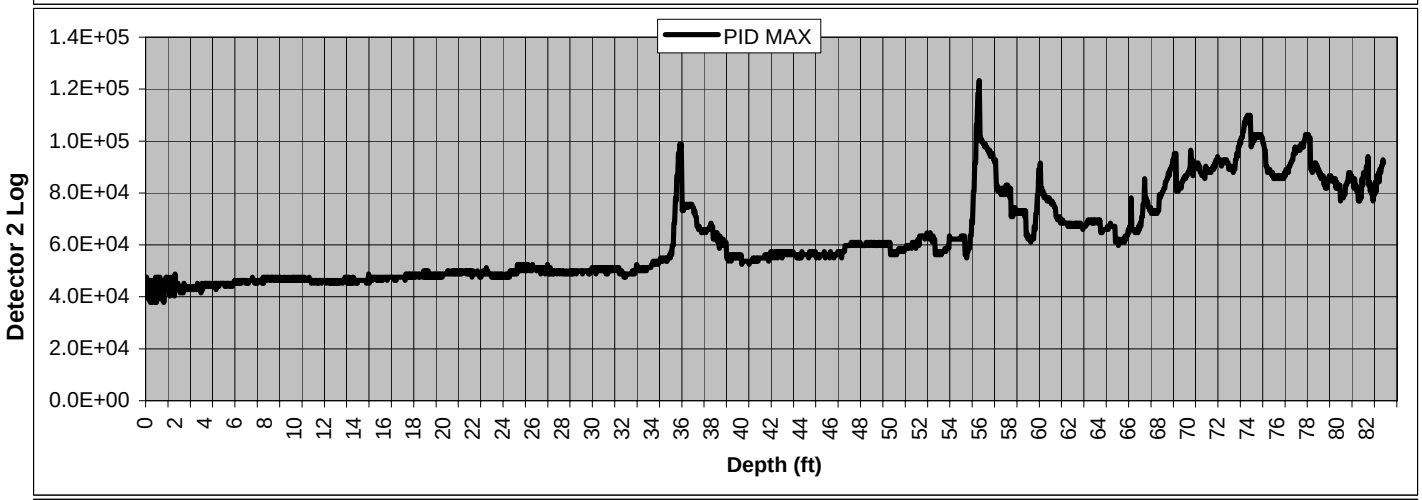


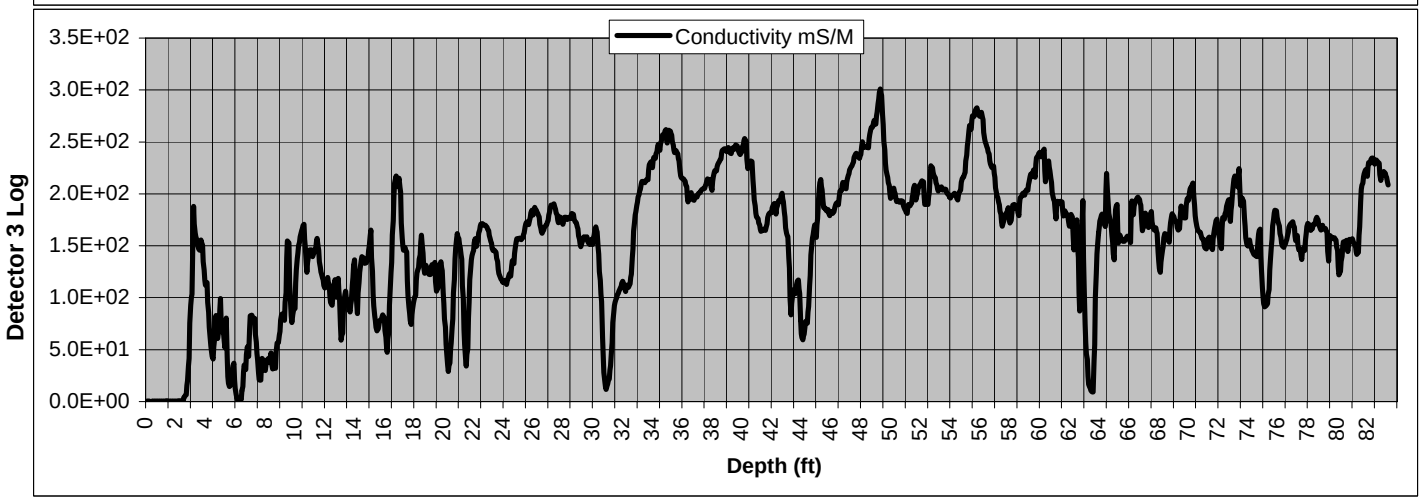
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-4	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	06:32	Detector 3 :	Electrical Conductance (EC)

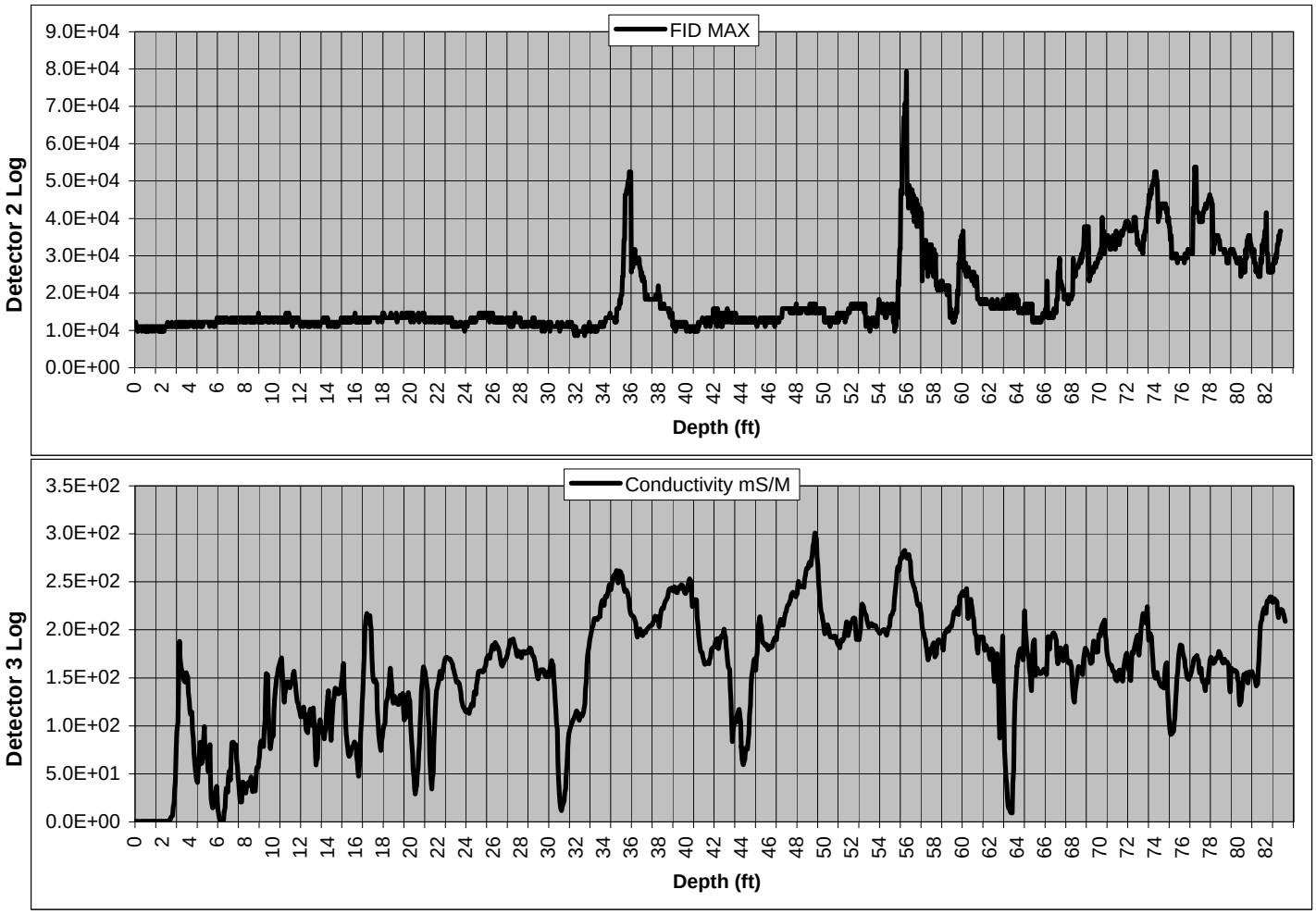






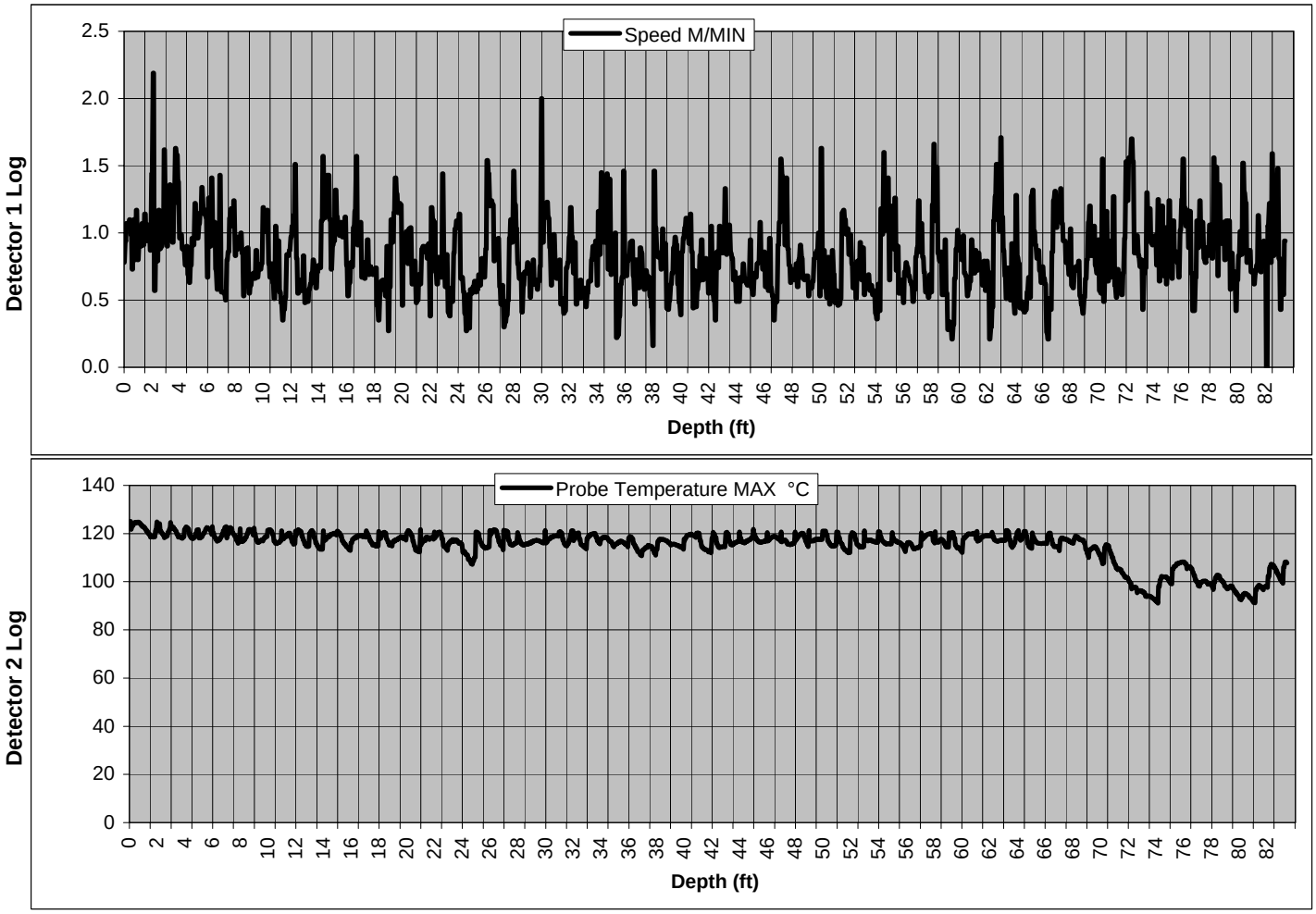
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-4	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	06:32		



MIP Log Results by Boring - Detector Reading vs. Depth

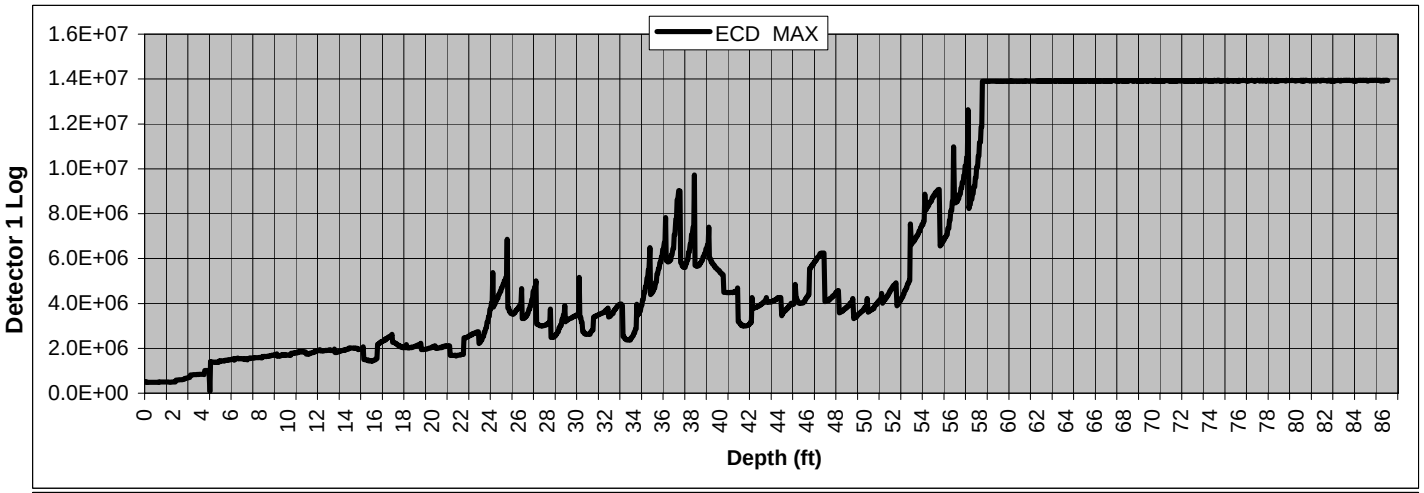
Client:	0	Boring I.D.:	MIP-4	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	06:32		

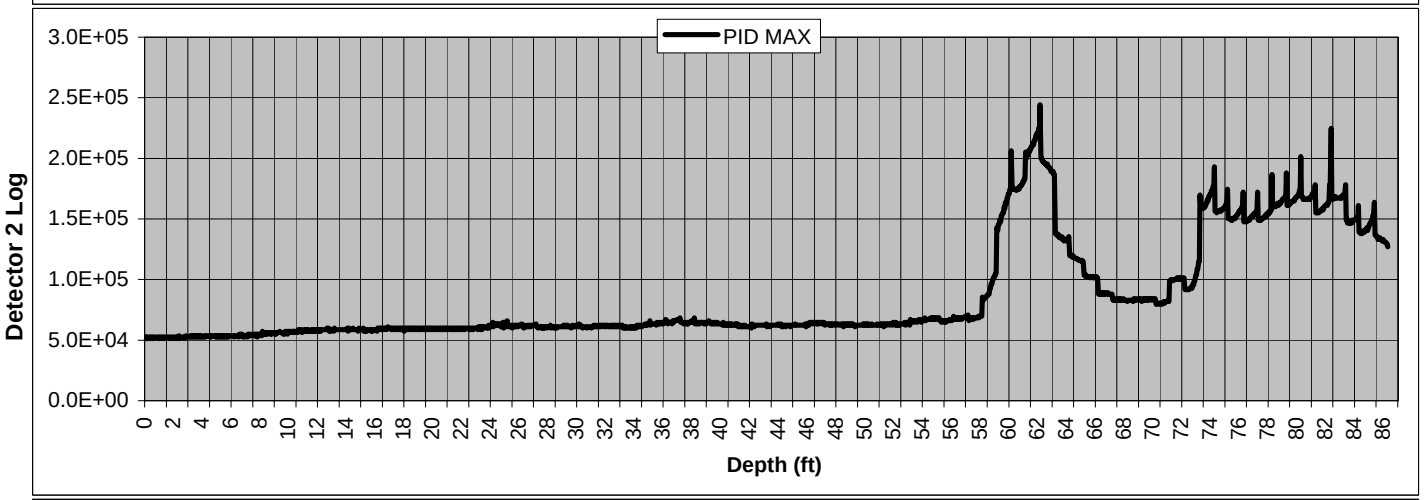


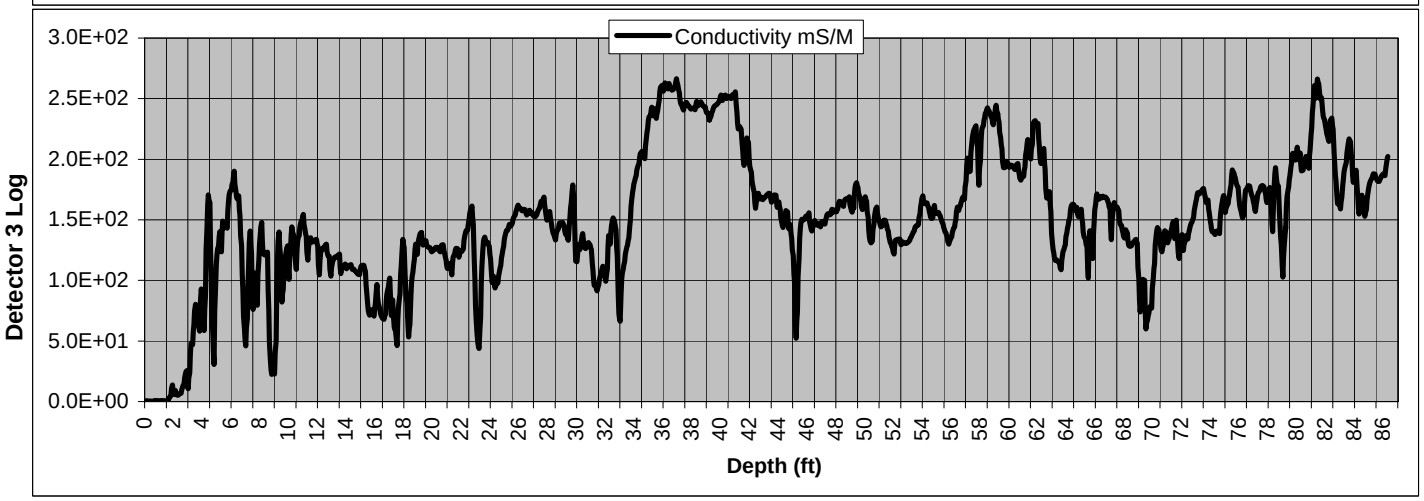
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-5	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 27 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	11:13	Detector 3 :	Electrical Conductance (EC)

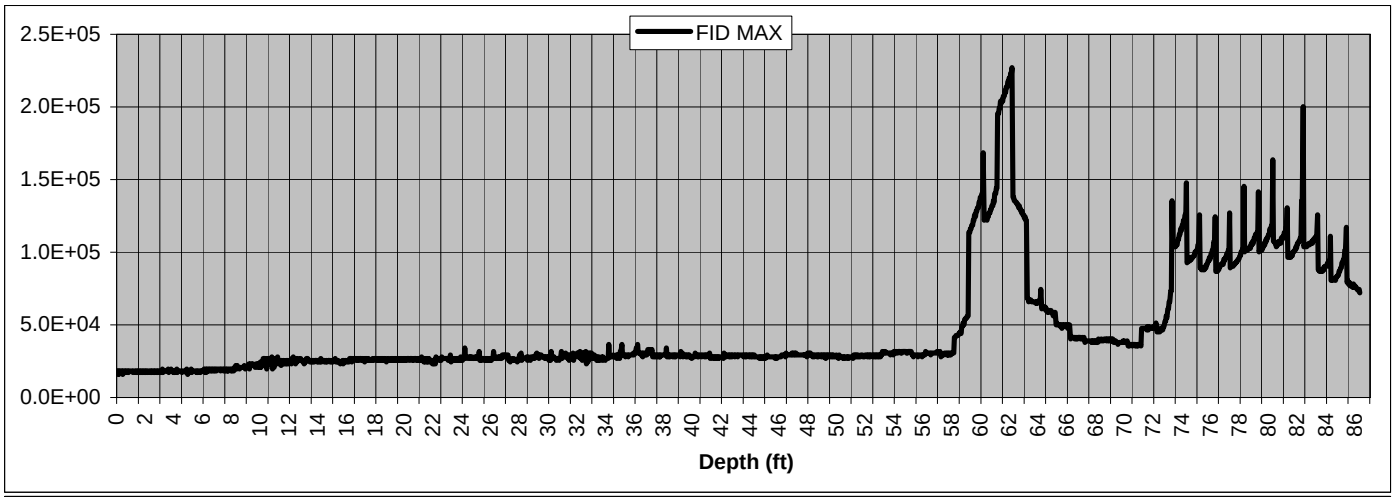


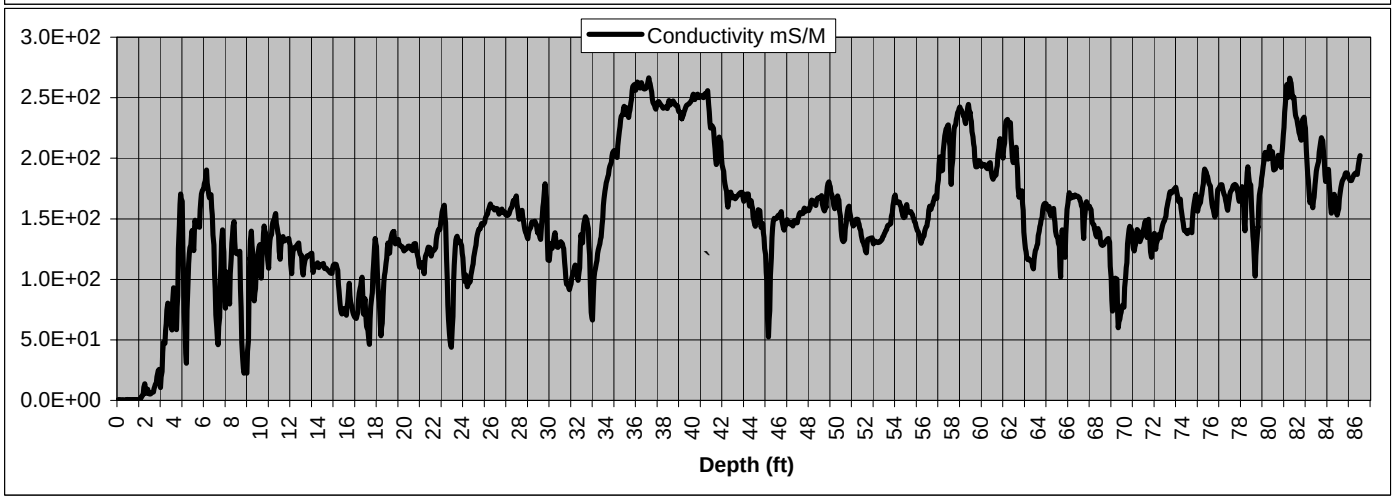




MIP Log Results by Boring - Detector Reading vs. Depth

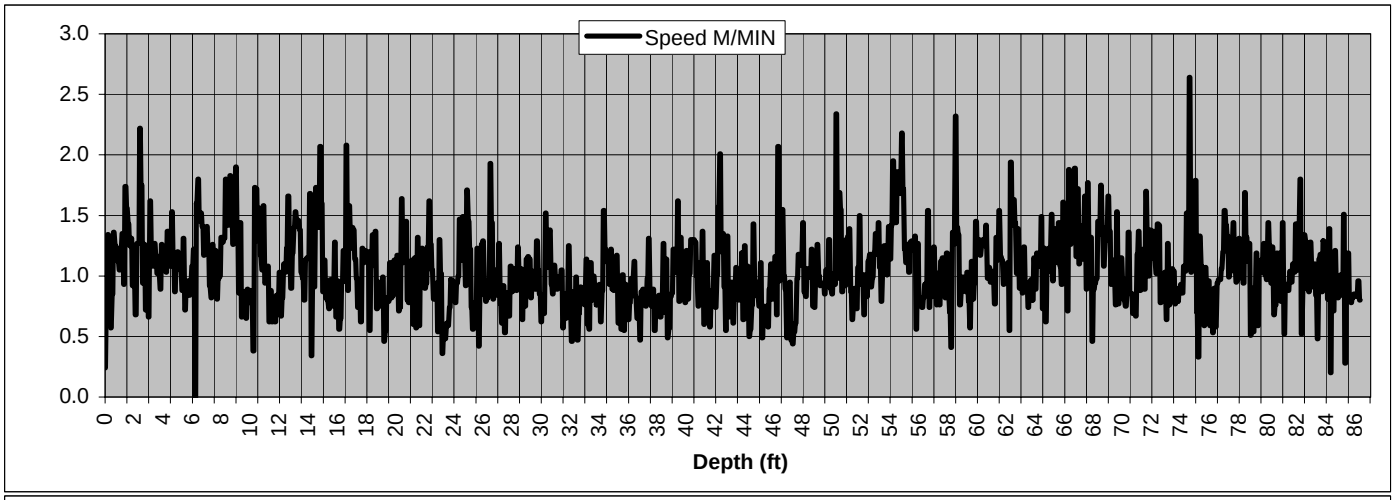
Client:	CDM	Boring I.D.:	MIP-5	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 27 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	11:13		

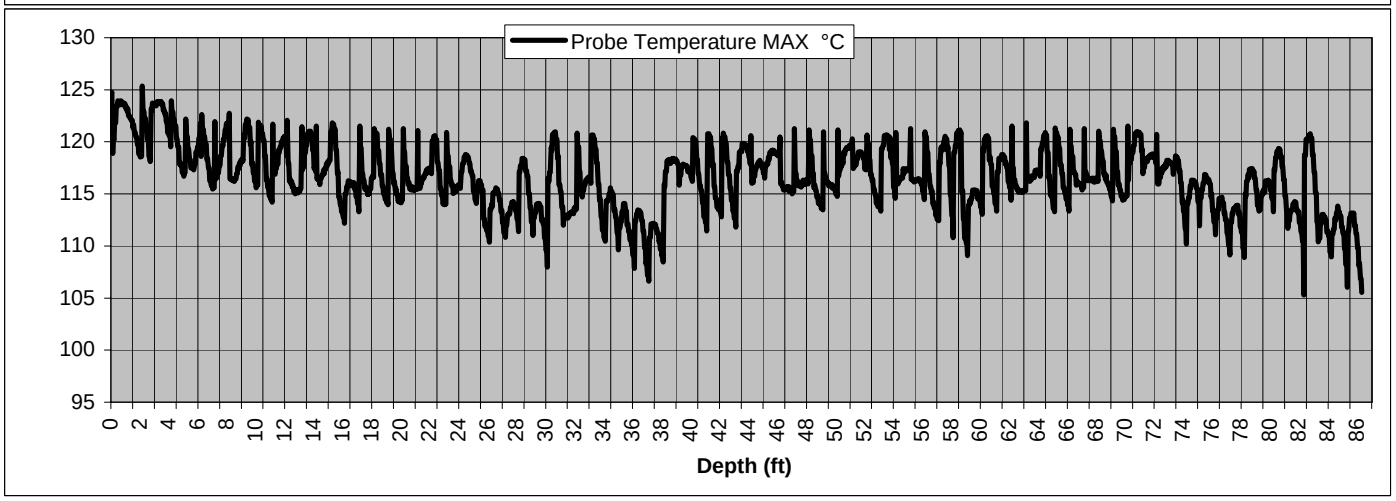




MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-5	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 27 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	11:13		

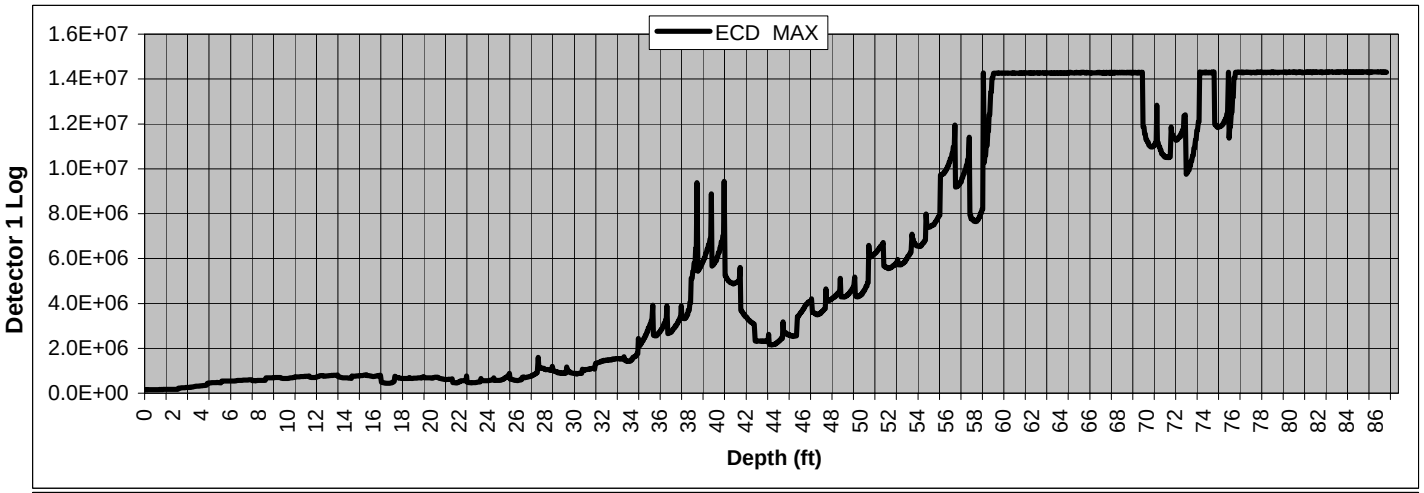


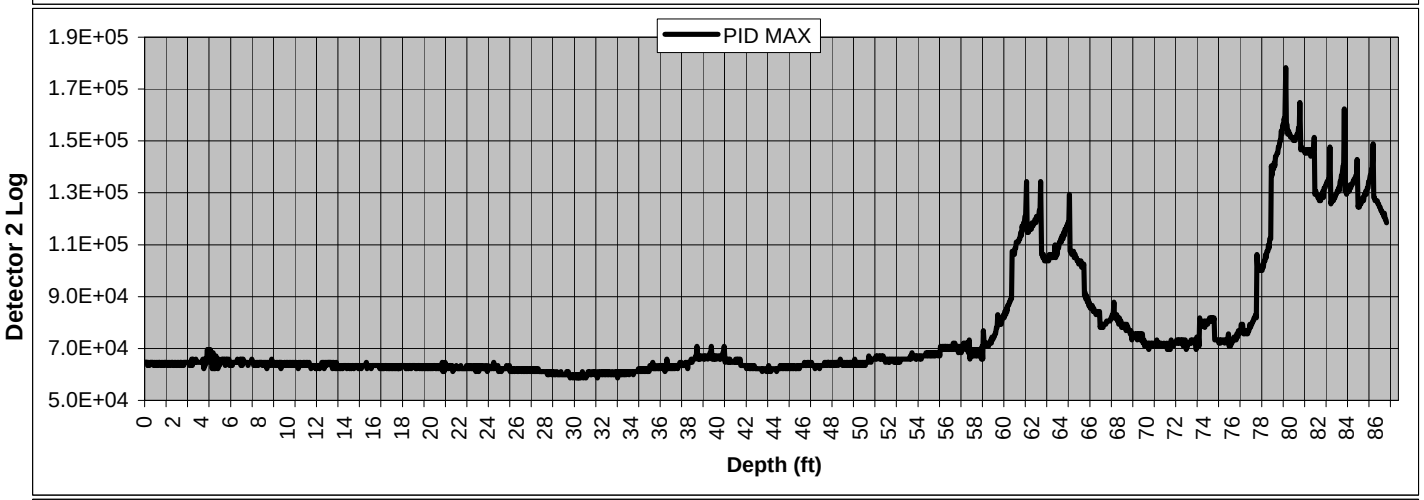


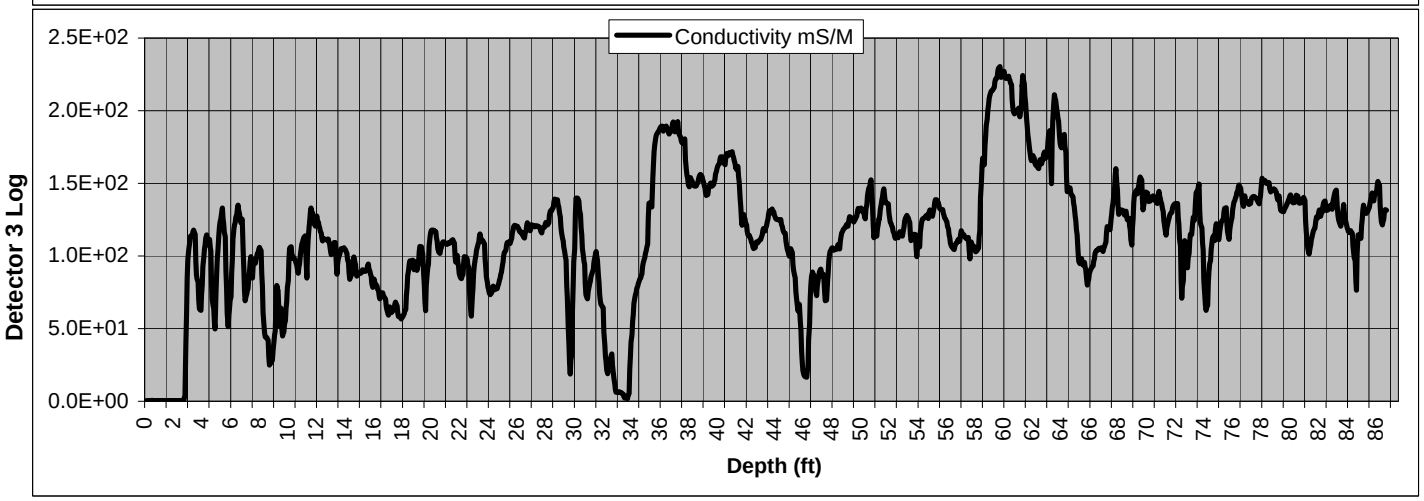
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	0	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 27 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	08:00	Detector 3 :	Electrical Conductance (EC)

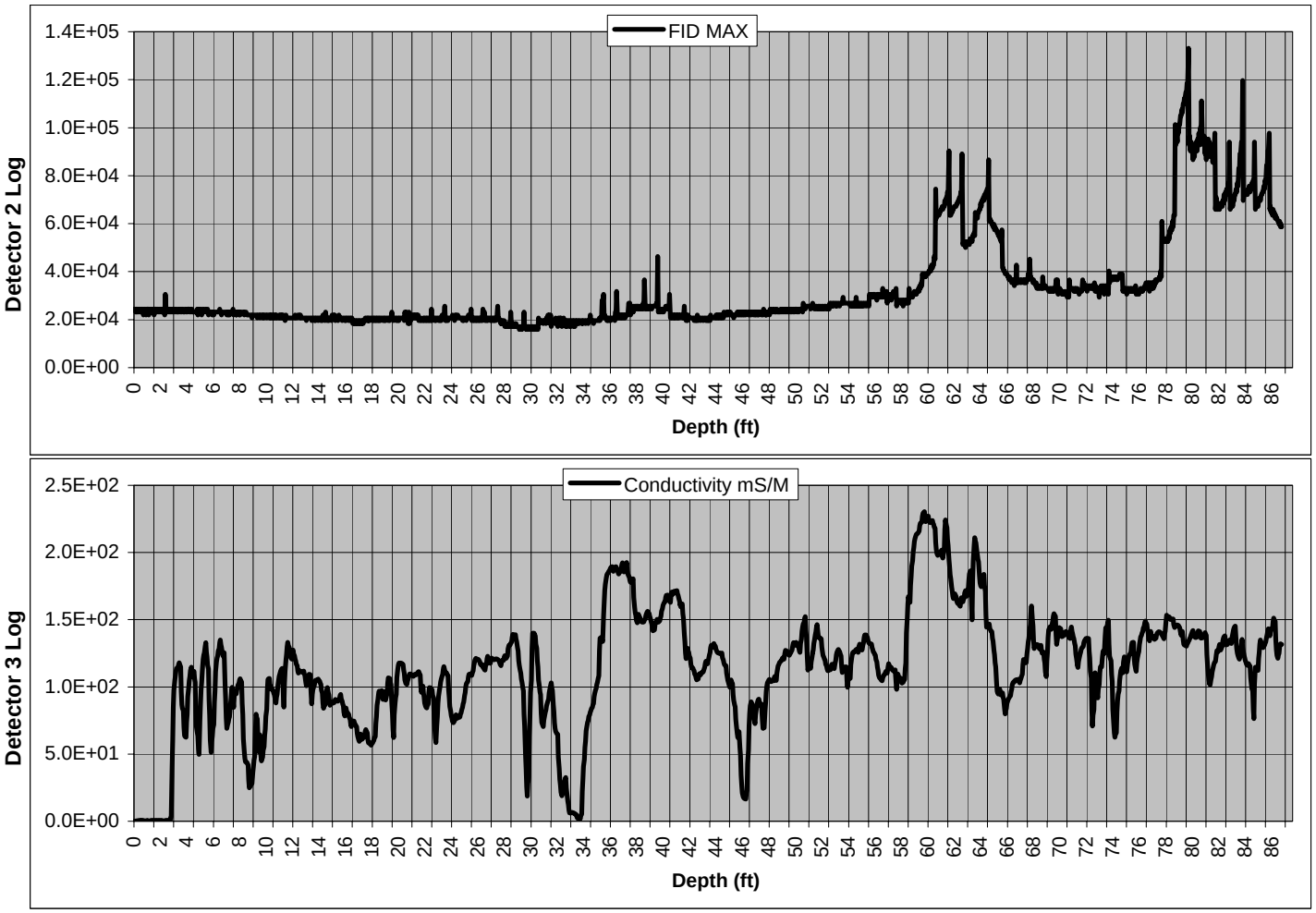






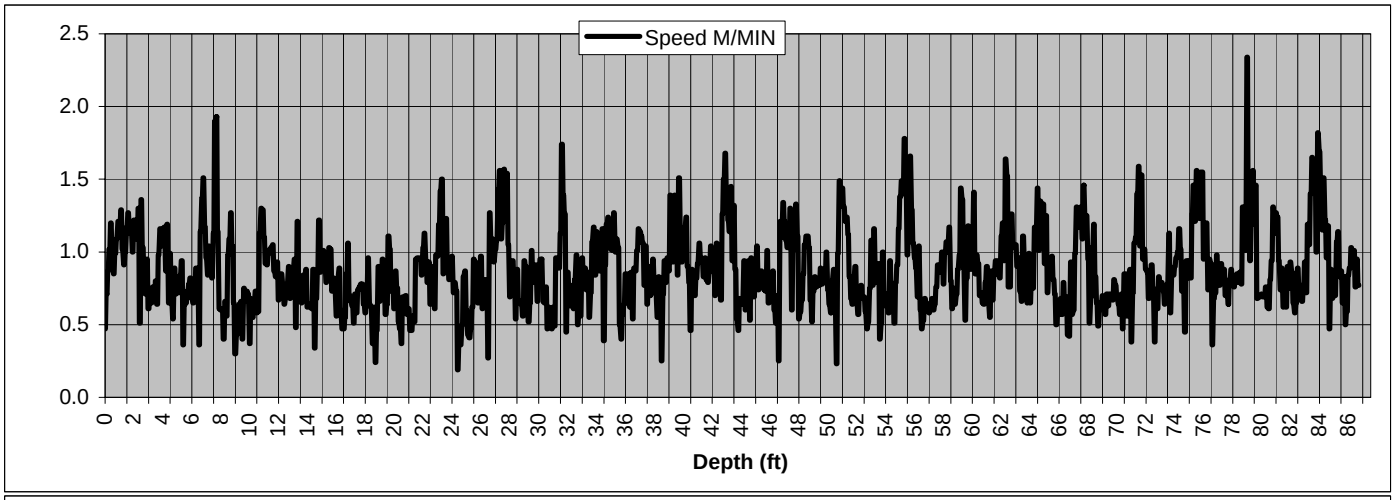
MIP Log Results by Boring - Detector Reading vs. Depth

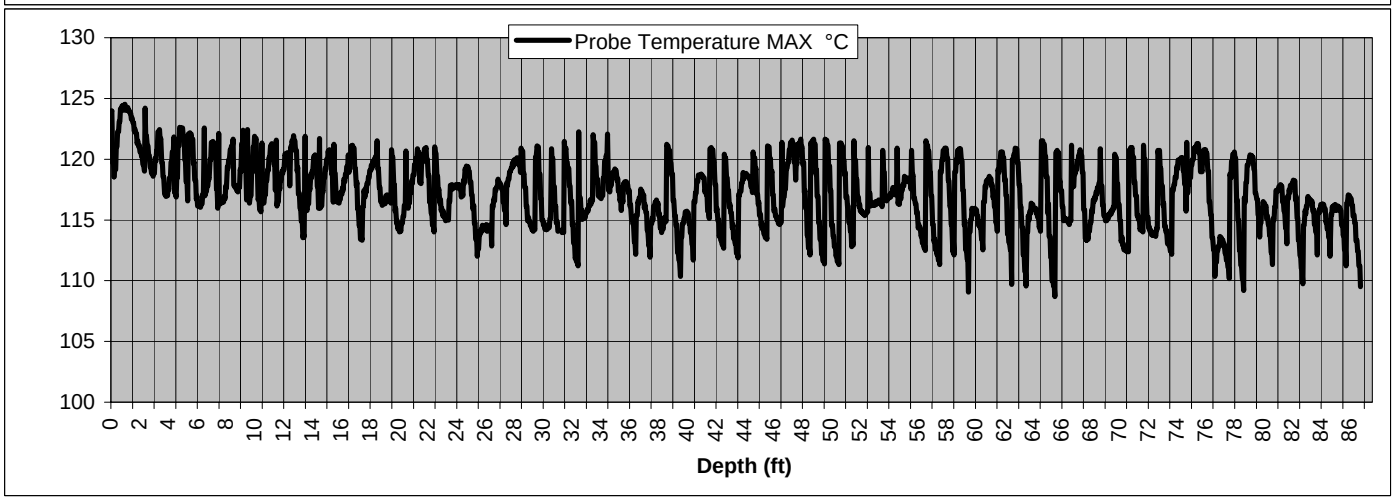
Client:	0	Boring I.D.:	0	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 27 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	08:00		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	0	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 27 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	08:00		

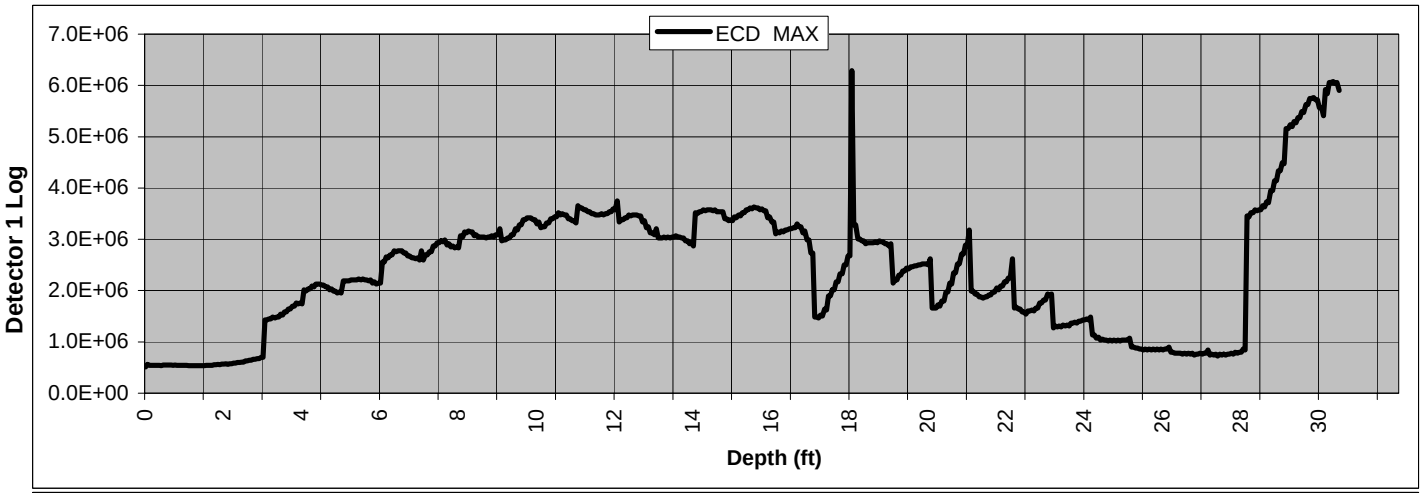


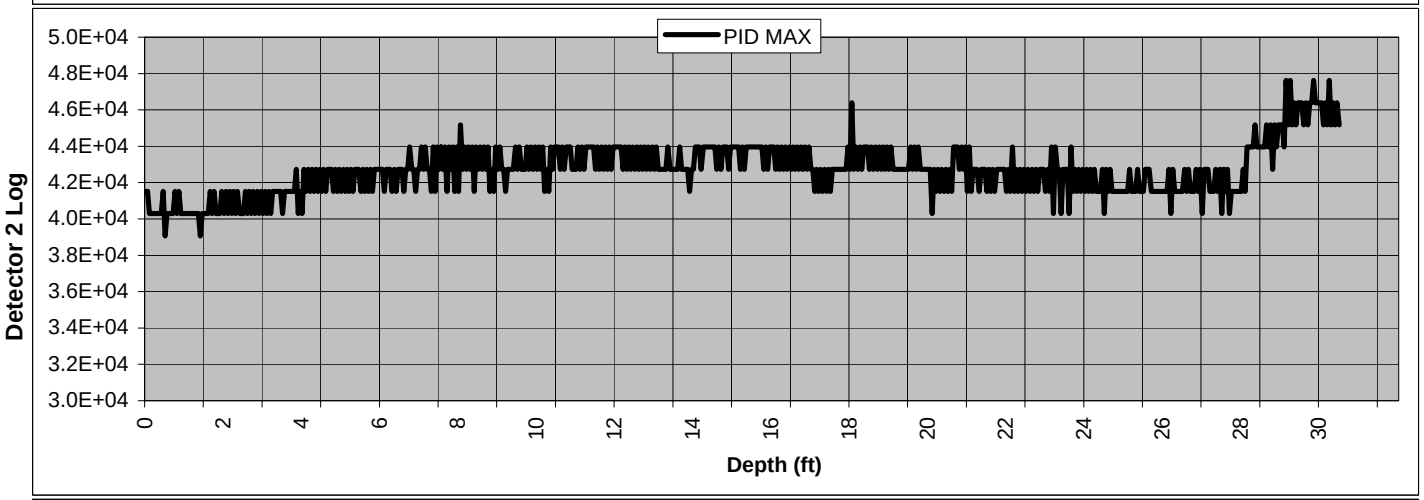


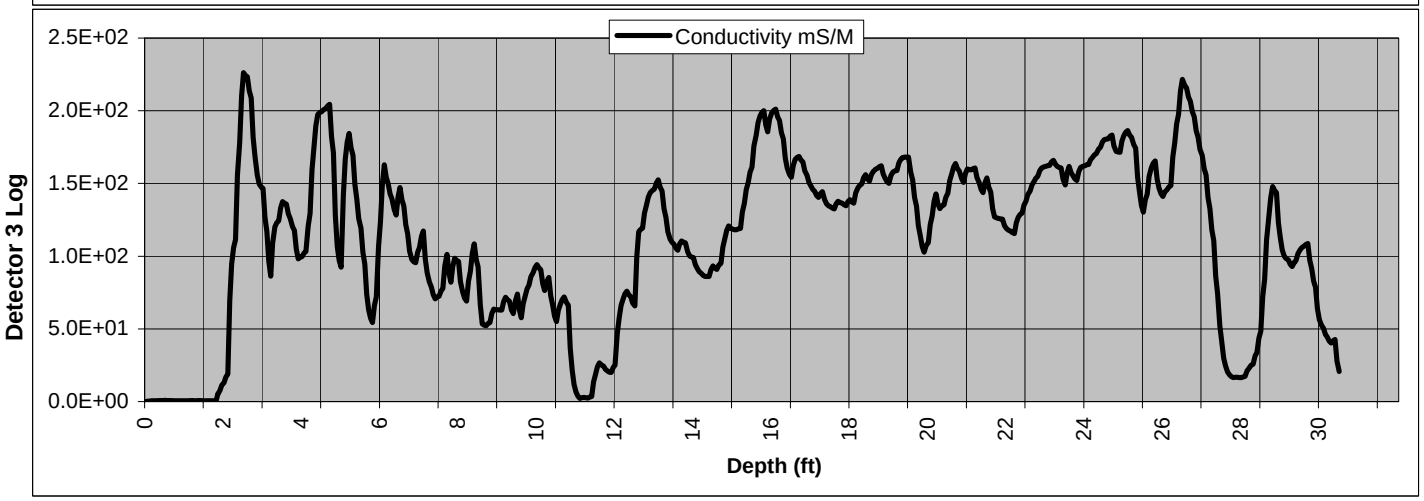
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-7	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	14:03	Detector 3 :	Electrical Conductance (EC)

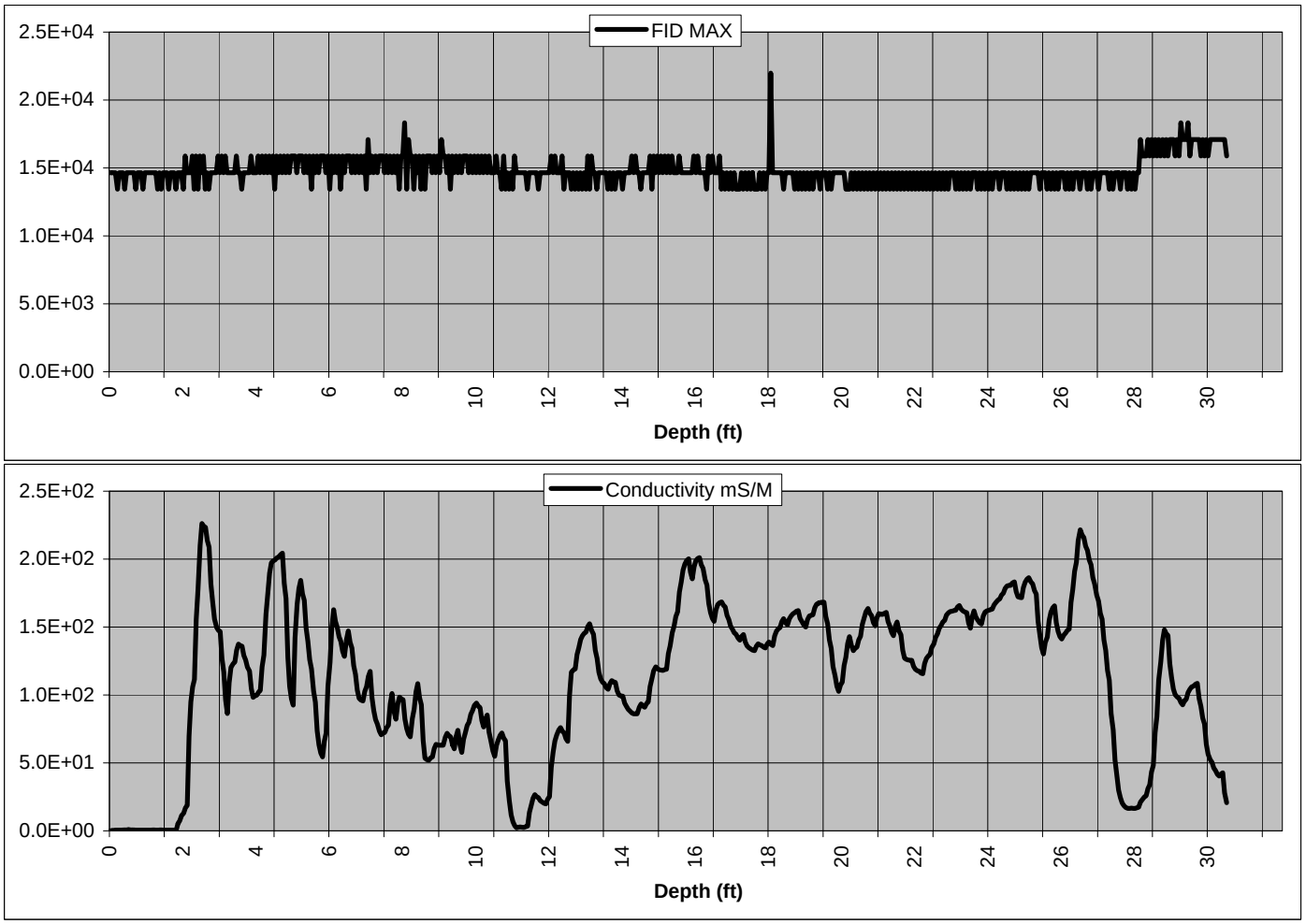






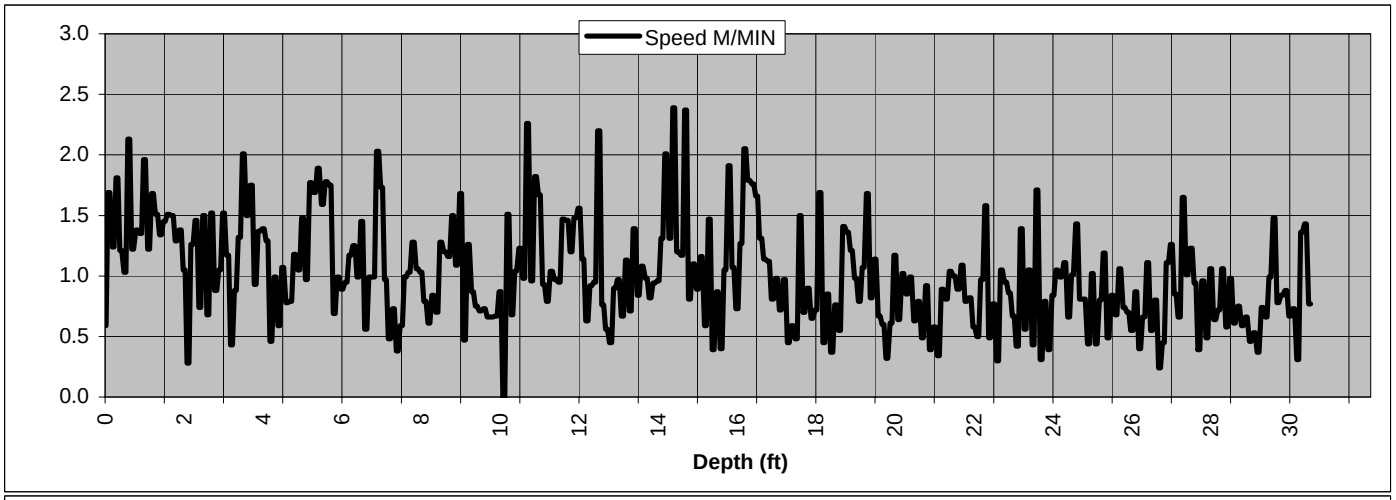
MIP Log Results by Boring - Detector Reading vs. Depth

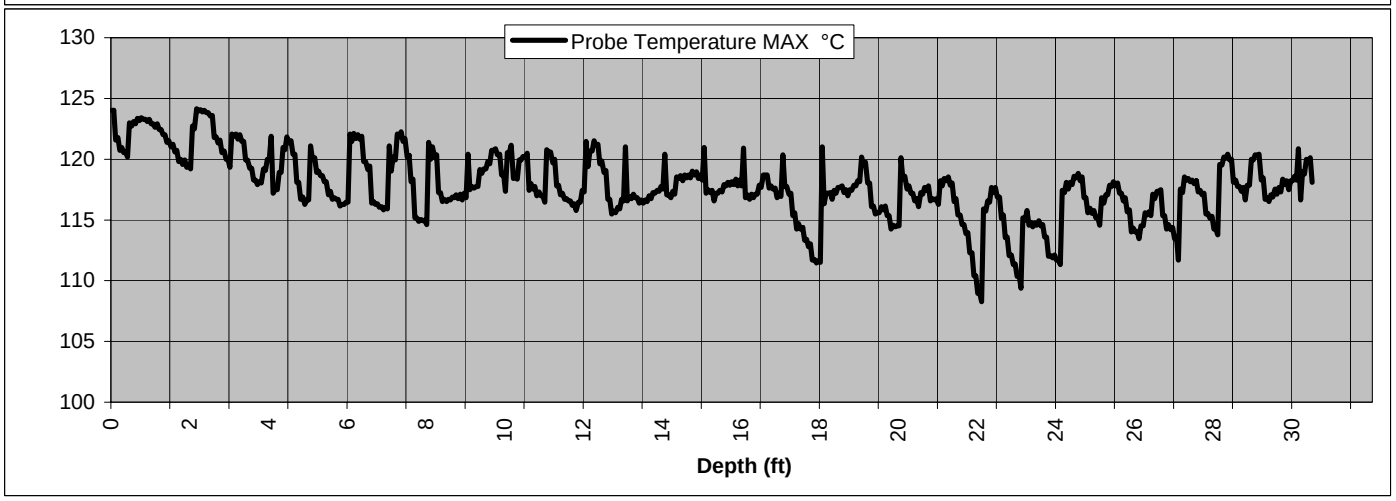
Client:	0	Boring I.D.:	MIP-7	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	14:03		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-7	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	14:03		

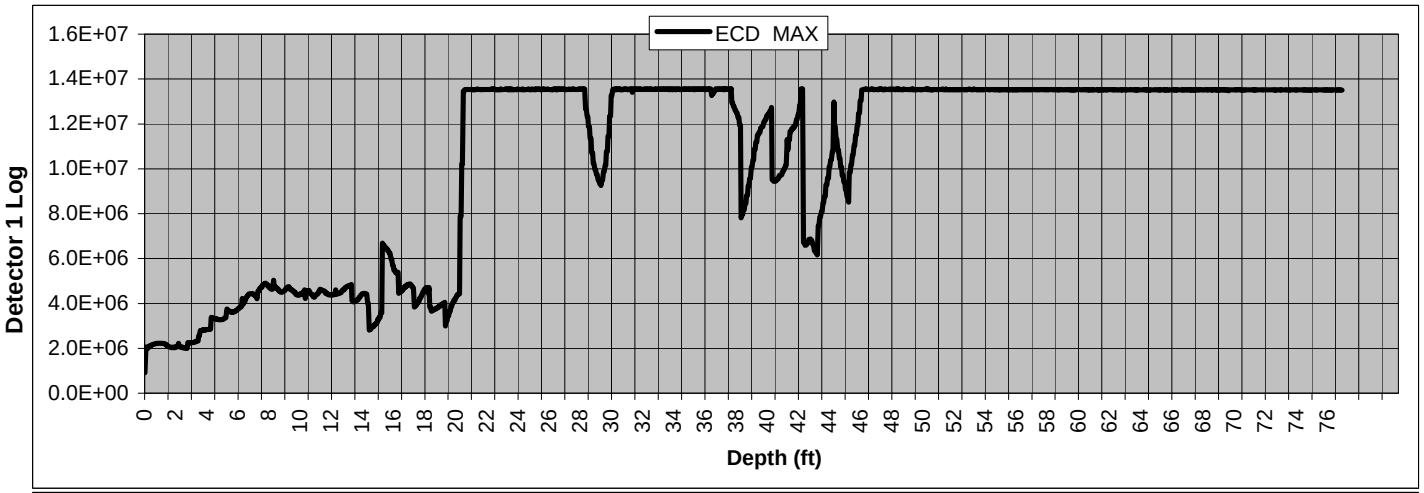


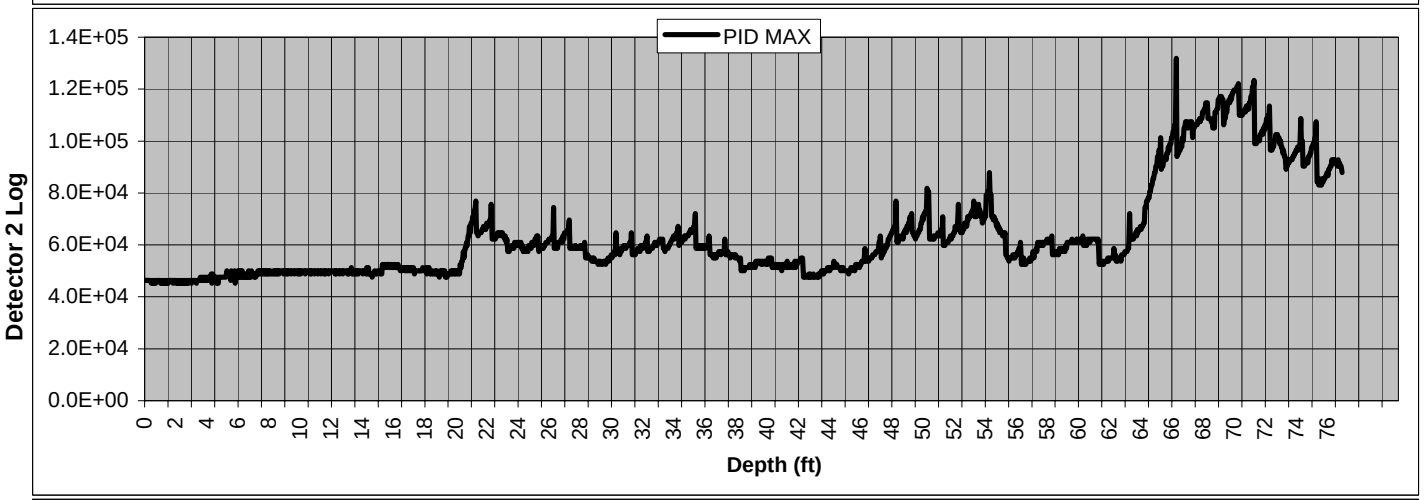


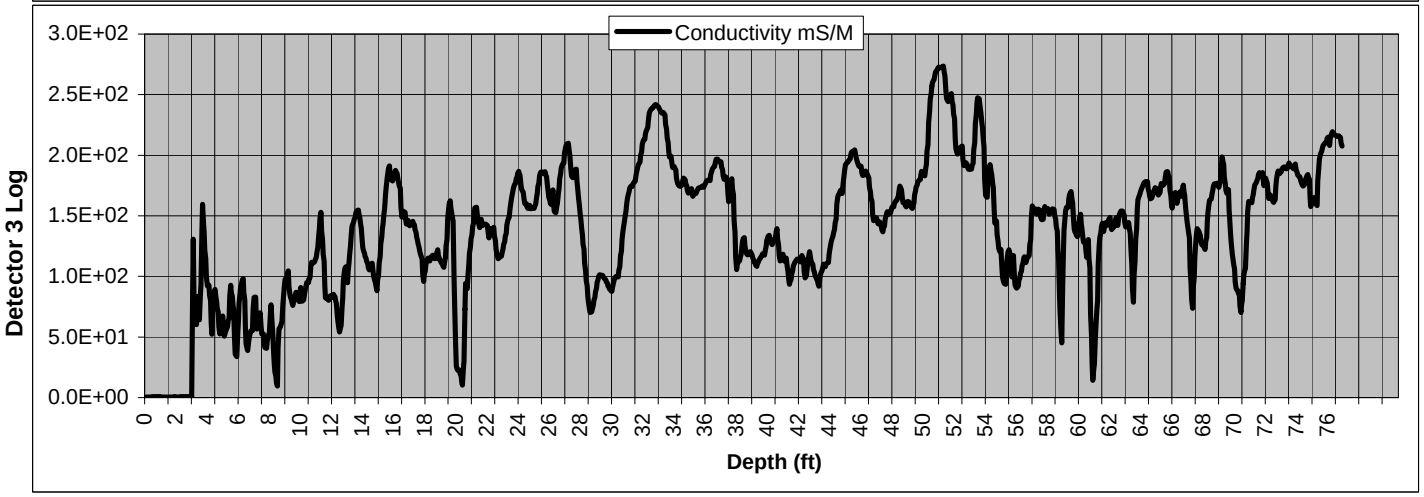
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-8	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 29 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	14:18	Detector 3 :	Electrical Conductance (EC)

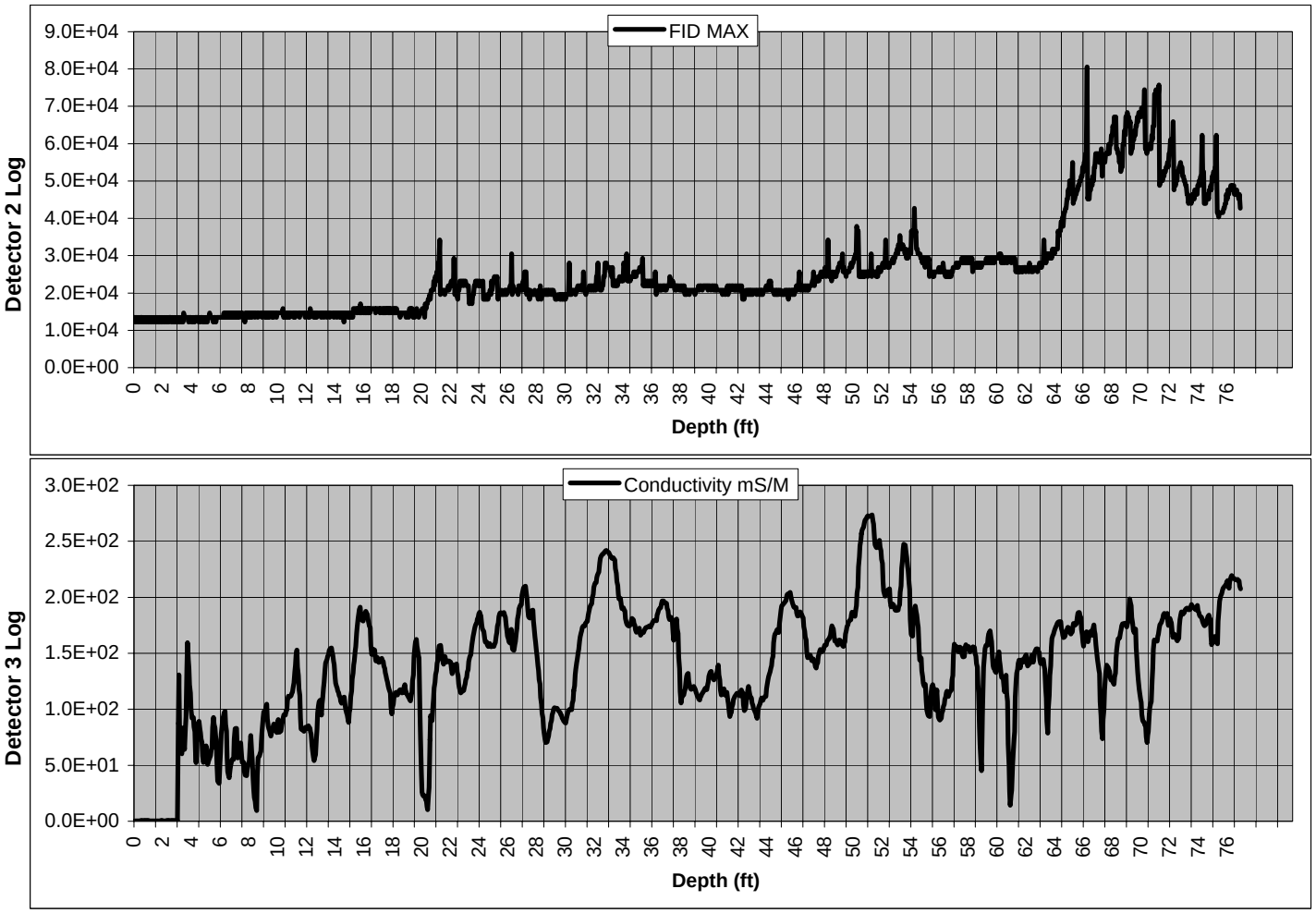






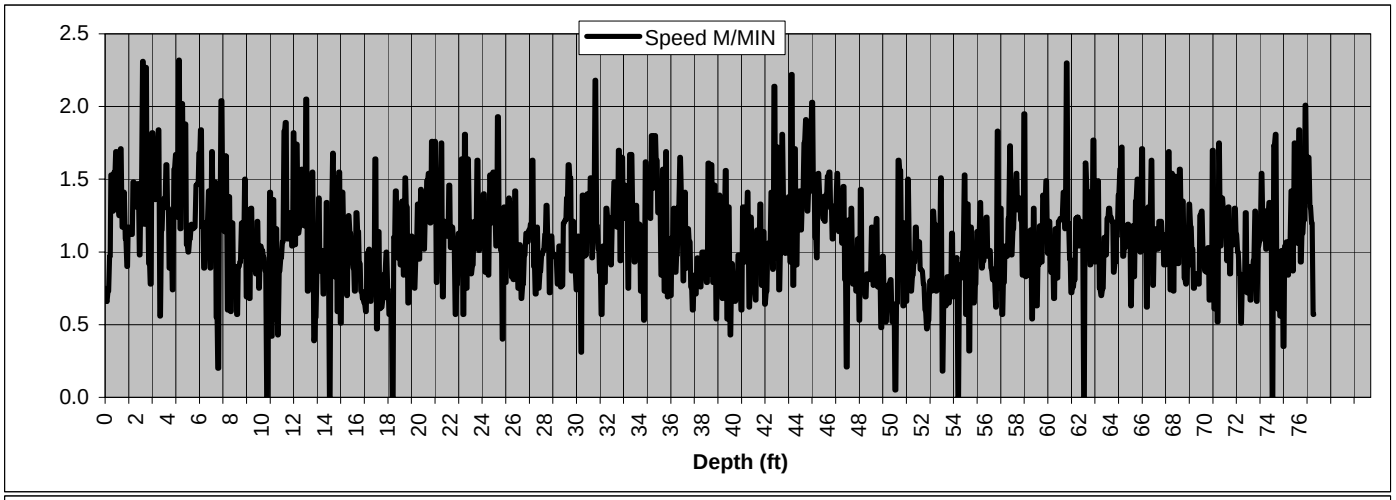
MIP Log Results by Boring - Detector Reading vs. Depth

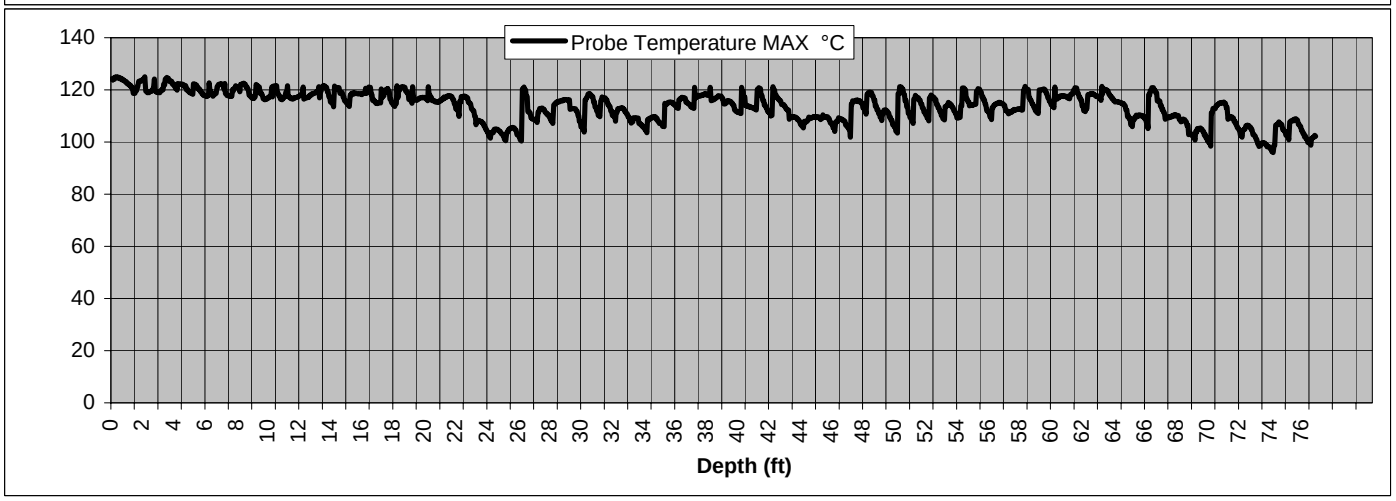
Client:	0	Boring I.D.:	MIP-8	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 29 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	14:18		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-8	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 29 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	14:18		

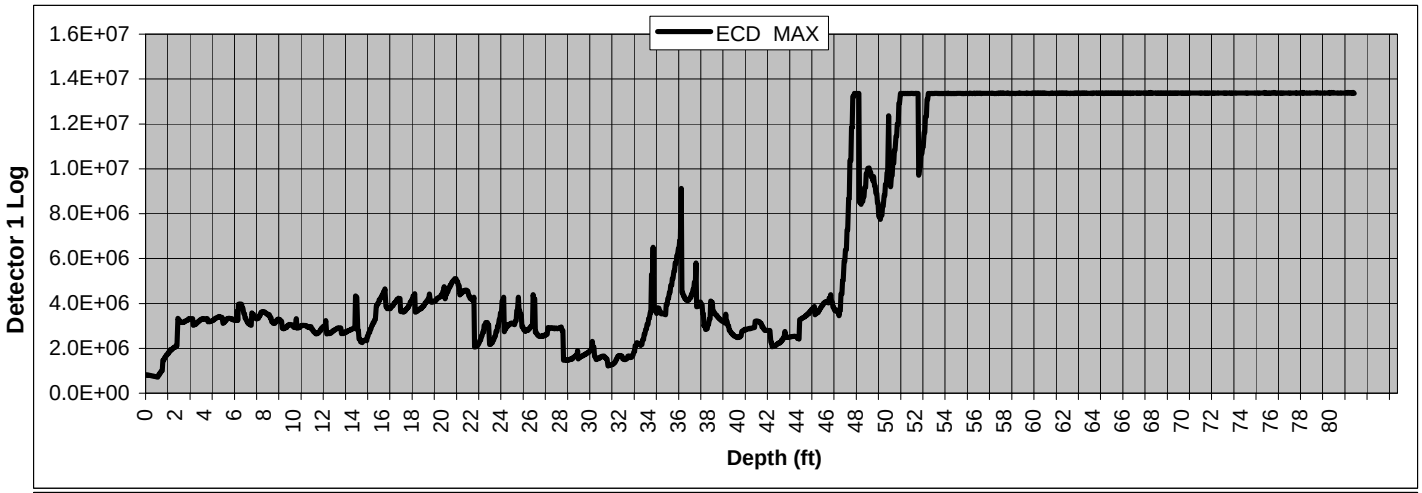


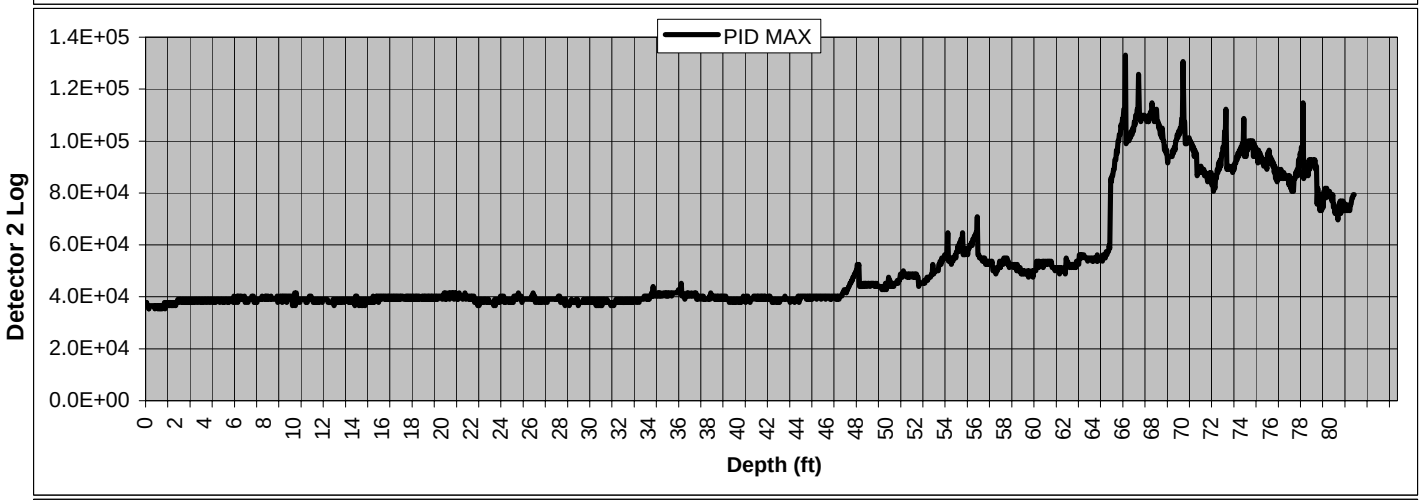


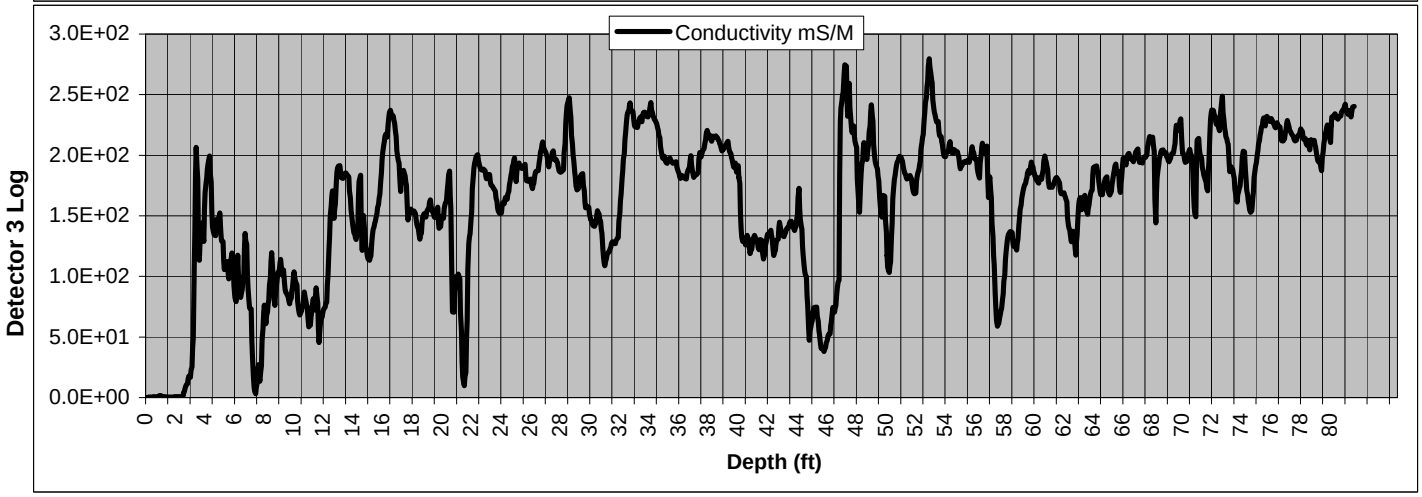
Explanation: Refusal at 76.9 feet

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-9	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	09:08	Detector 3 :	Electrical Conductance (EC)

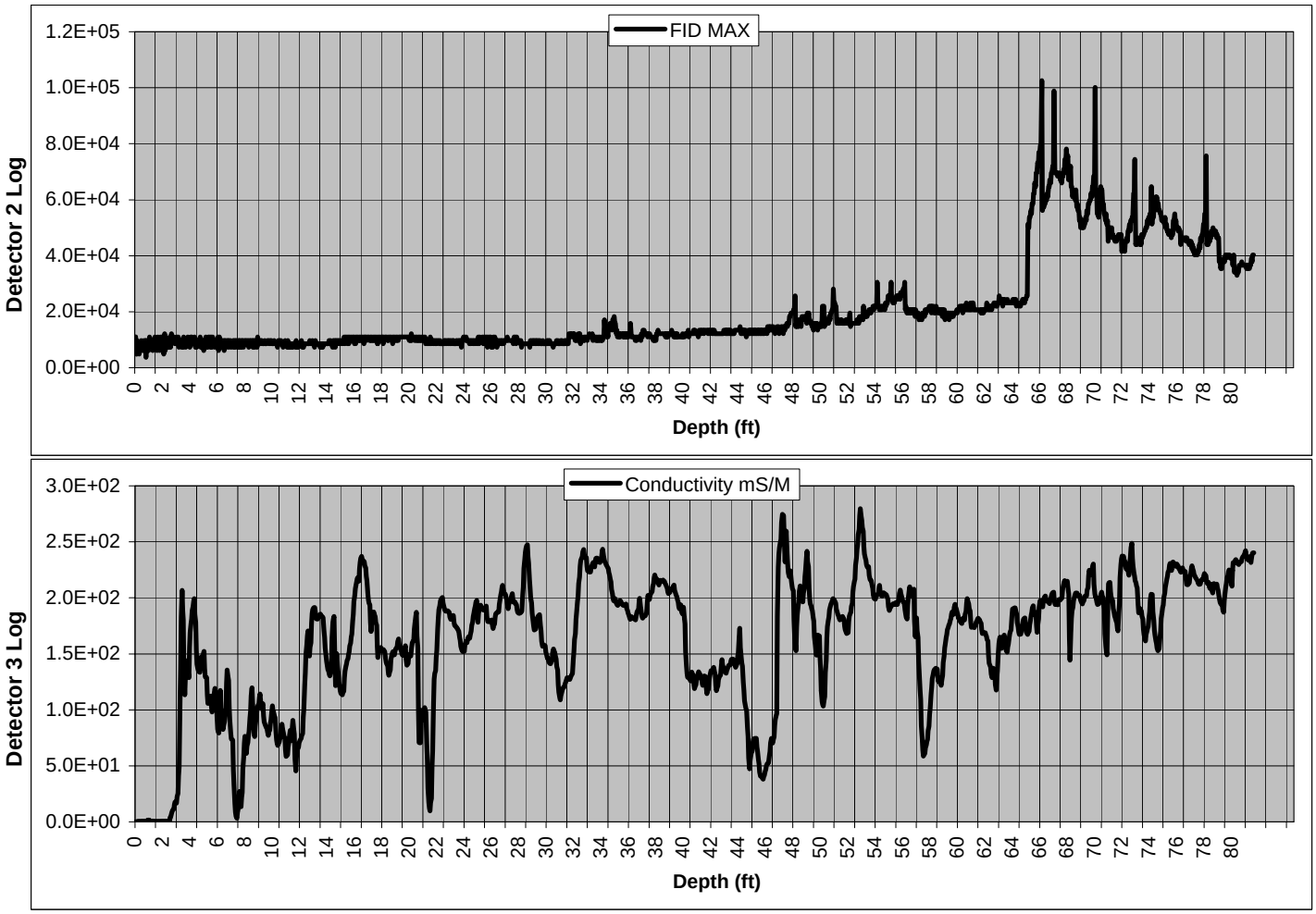






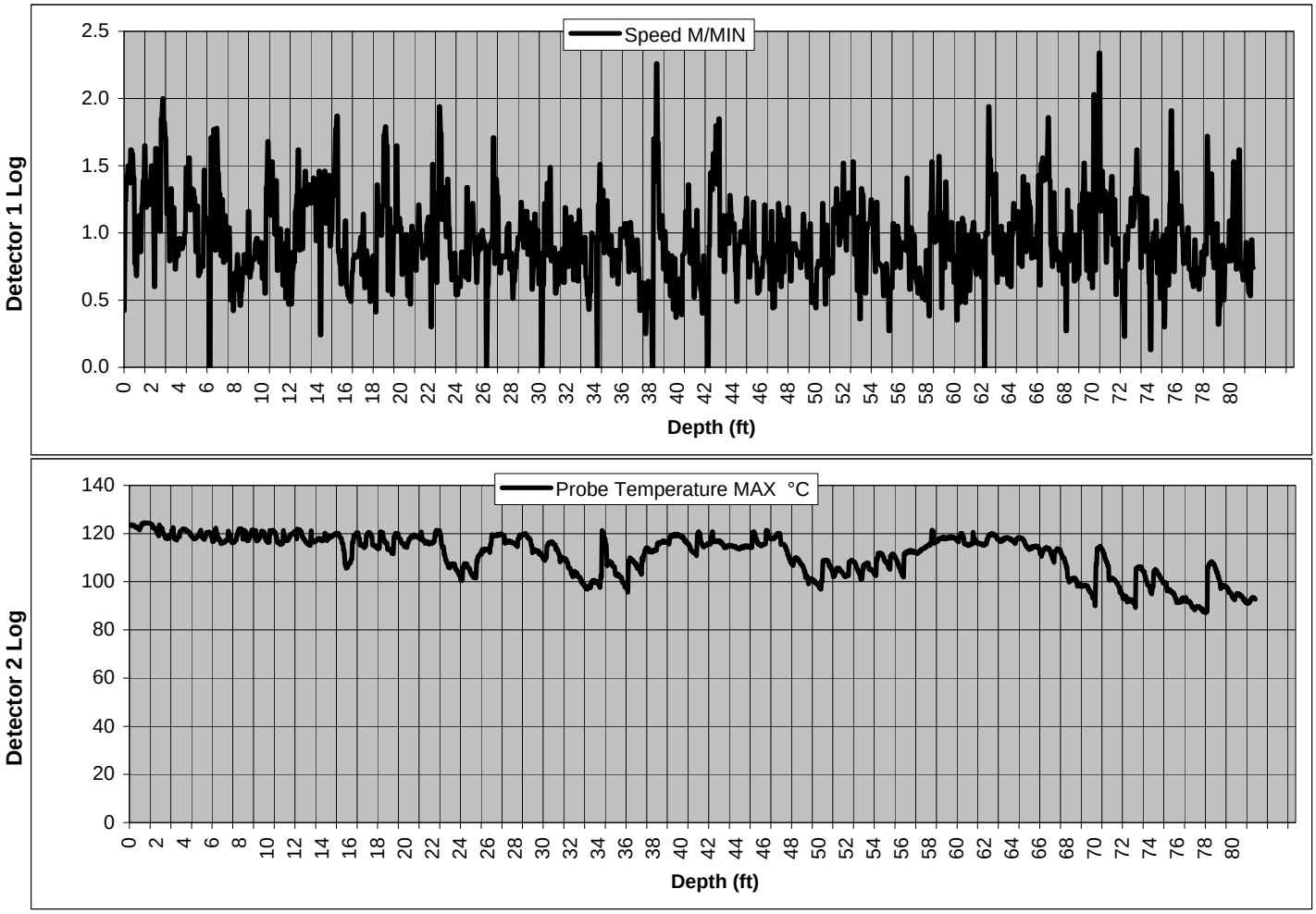
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-9	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	09:08		



MIP Log Results by Boring - Detector Reading vs. Depth

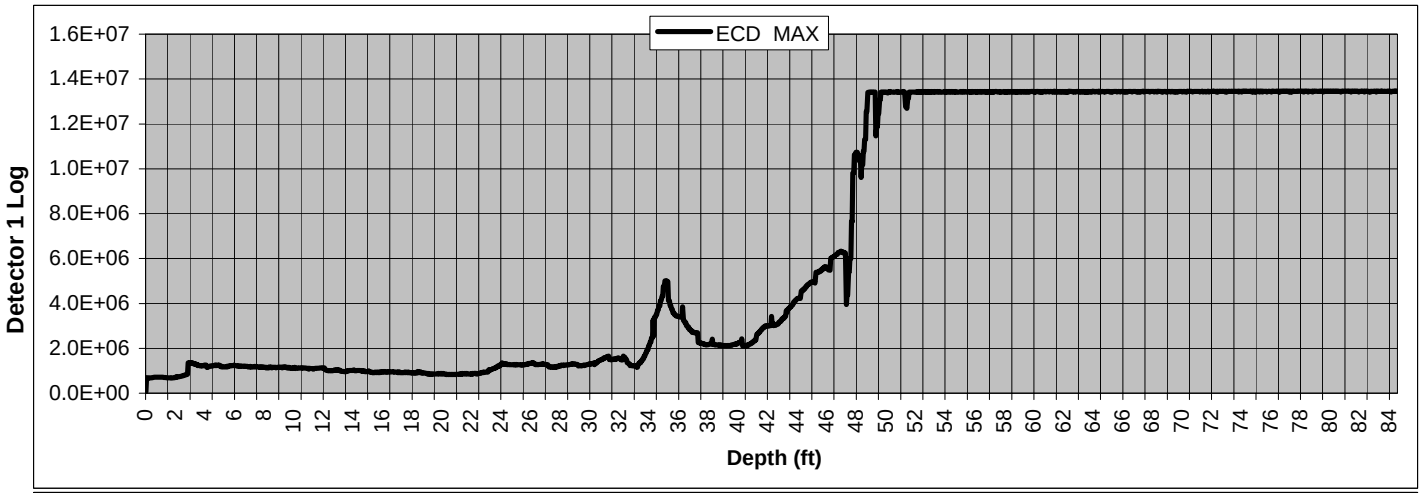
Client:	0	Boring I.D.:	MIP-9	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	09:08		

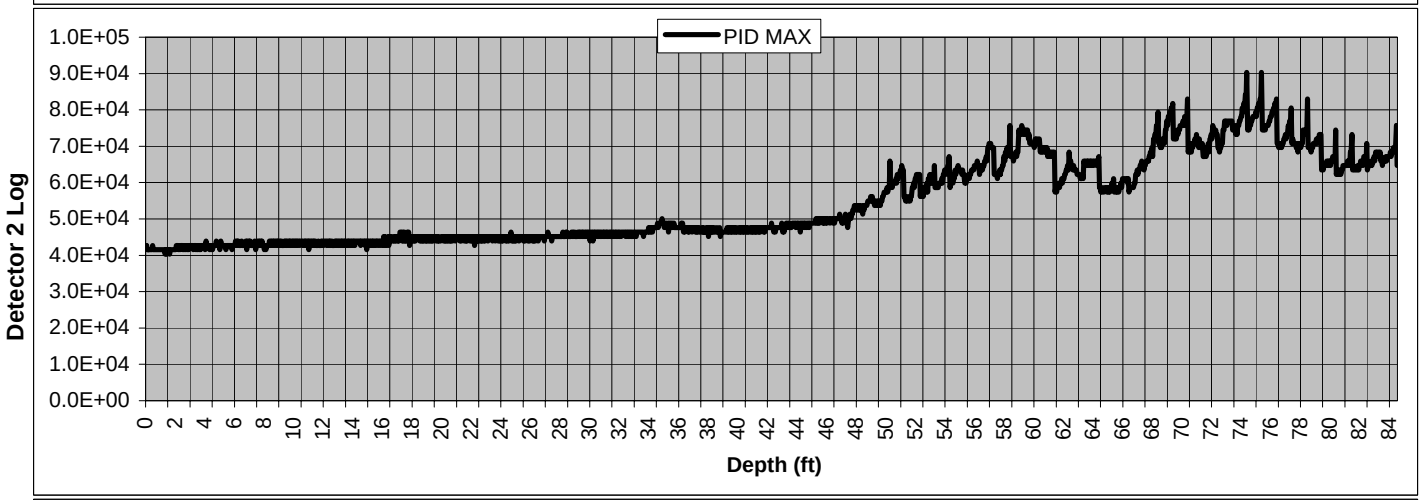


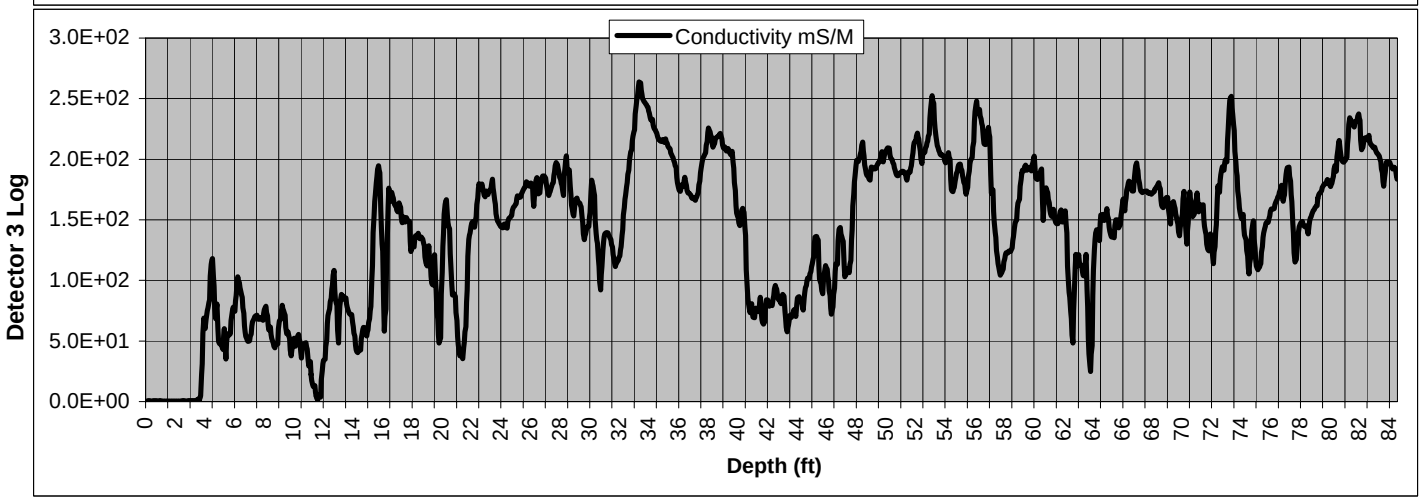
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-10	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	11:35	Detector 3 :	Electrical Conductance (EC)

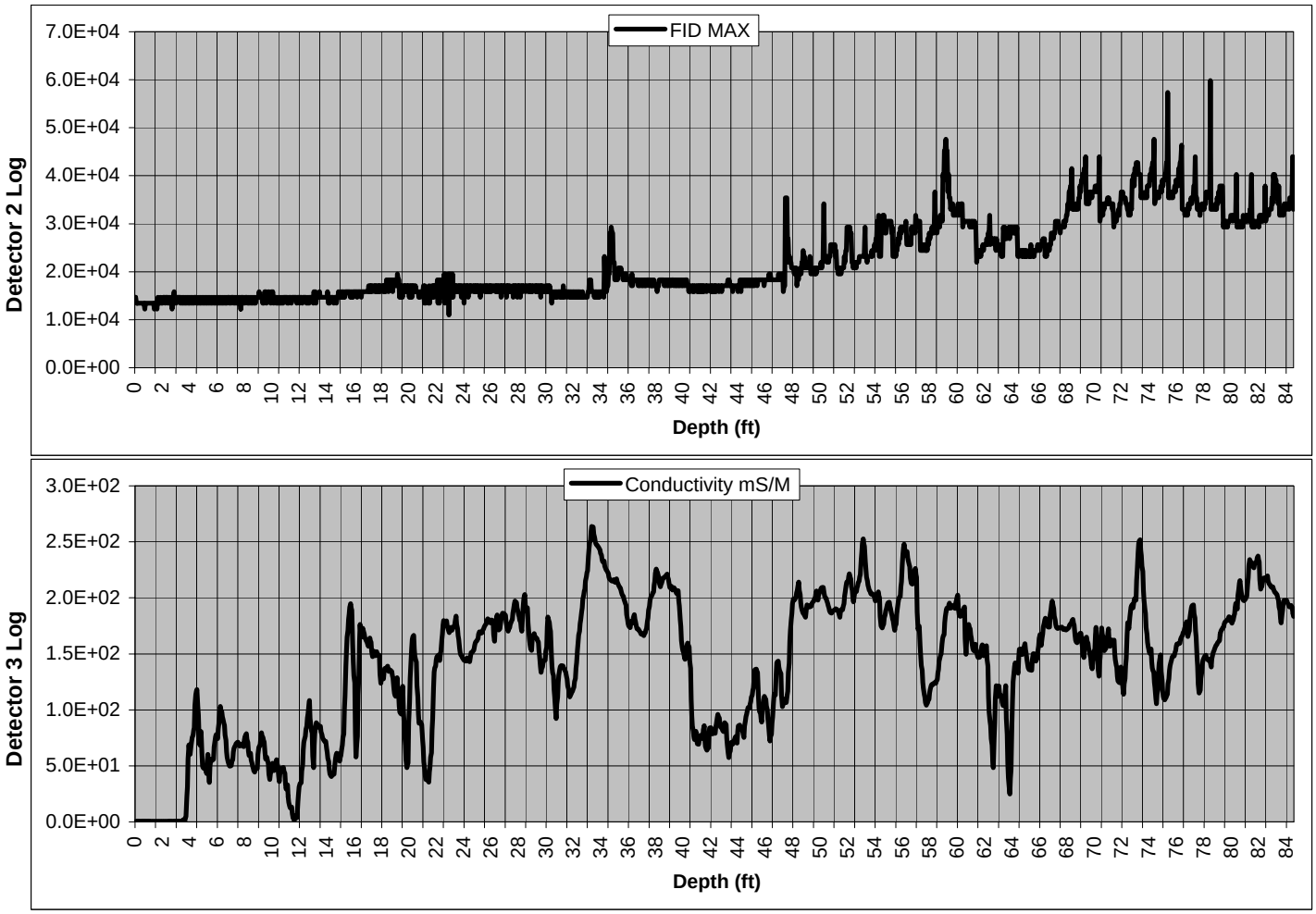






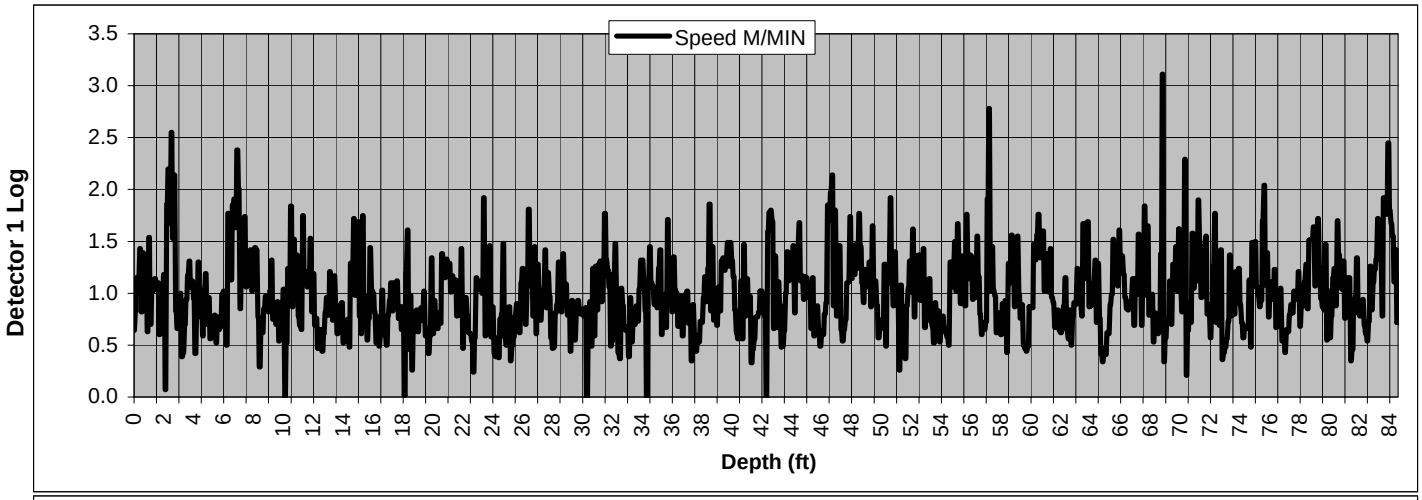
MIP Log Results by Boring - Detector Reading vs. Depth

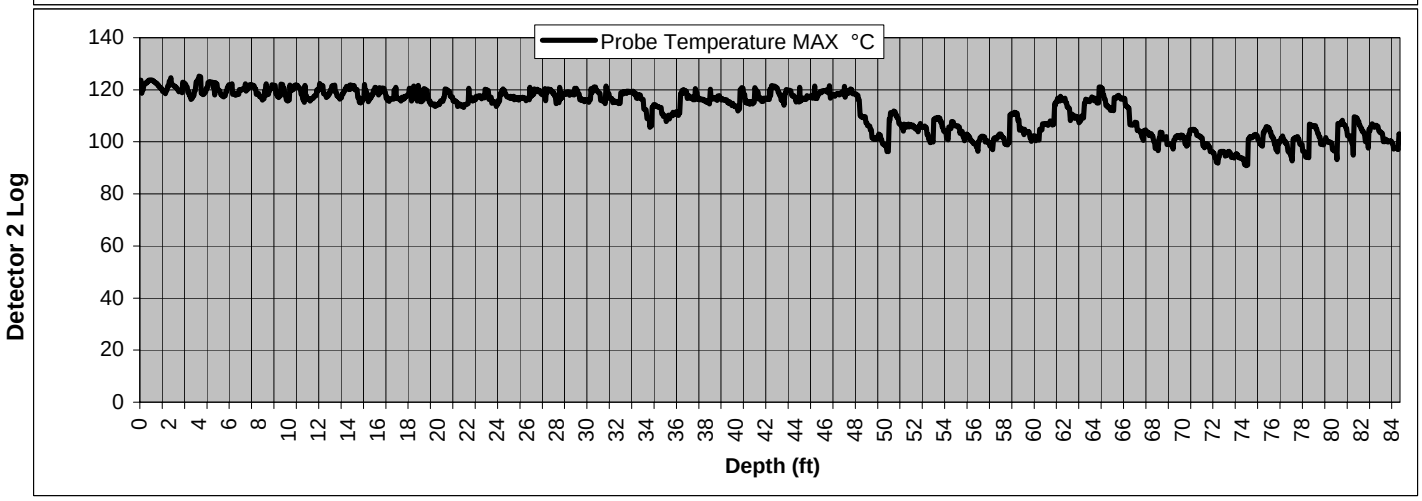
Client:	0	Boring I.D.:	MIP-10	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	11:35		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-10	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	11:35		

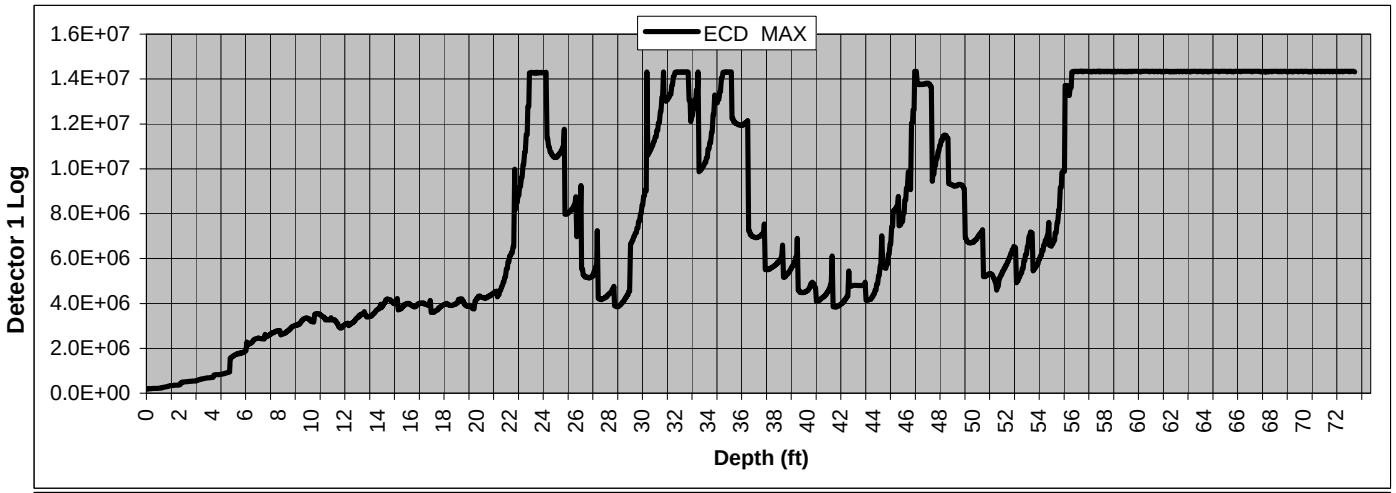


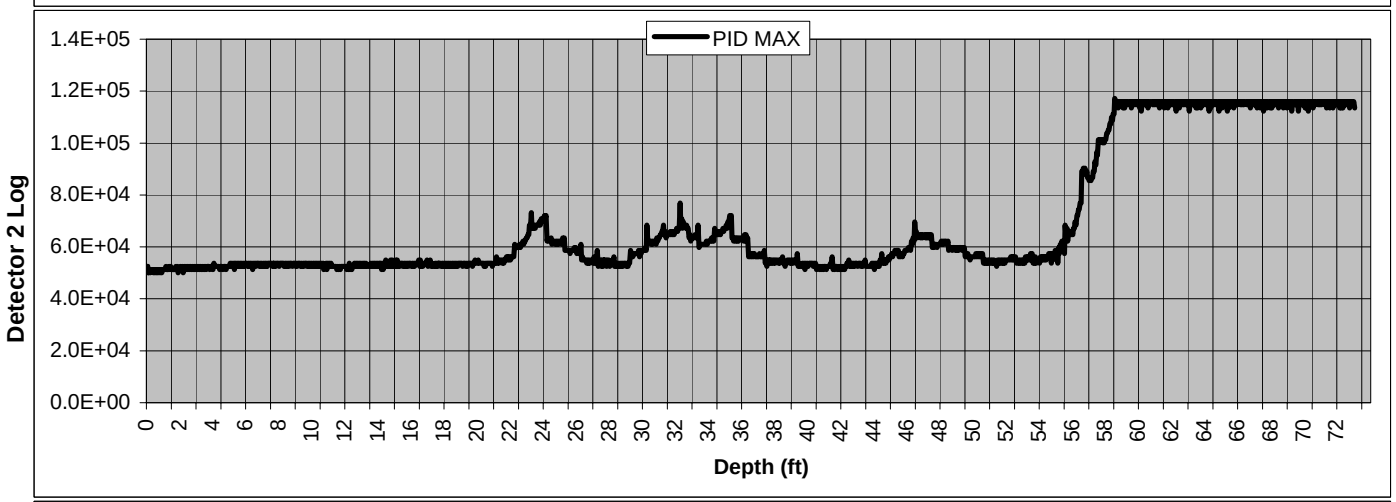


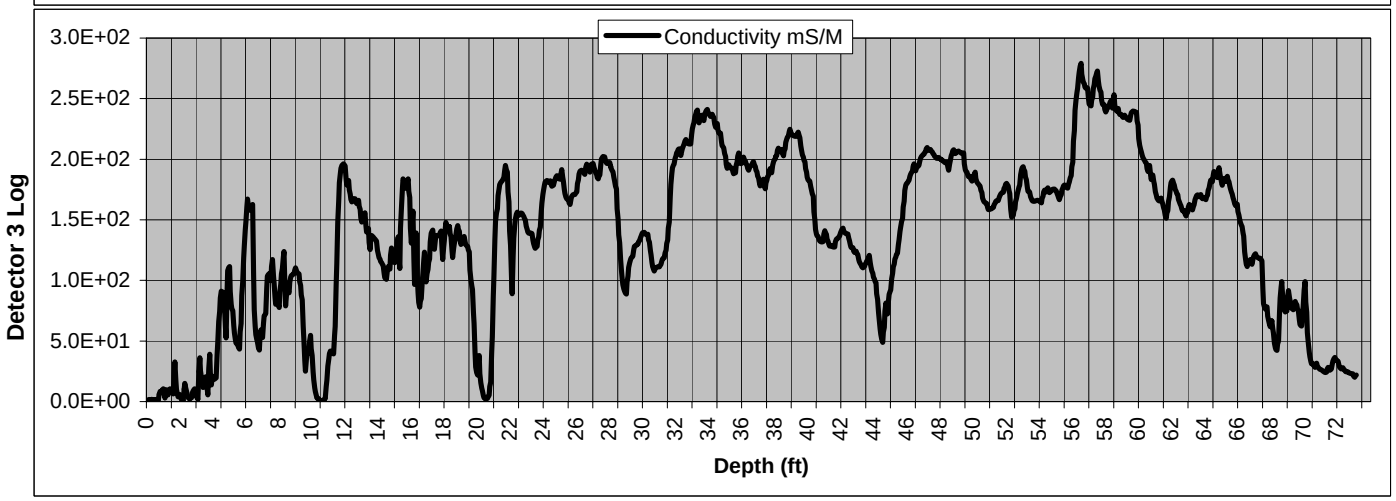
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-11	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 24 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	11:33	Detector 3 :	Electrical Conductance (EC)

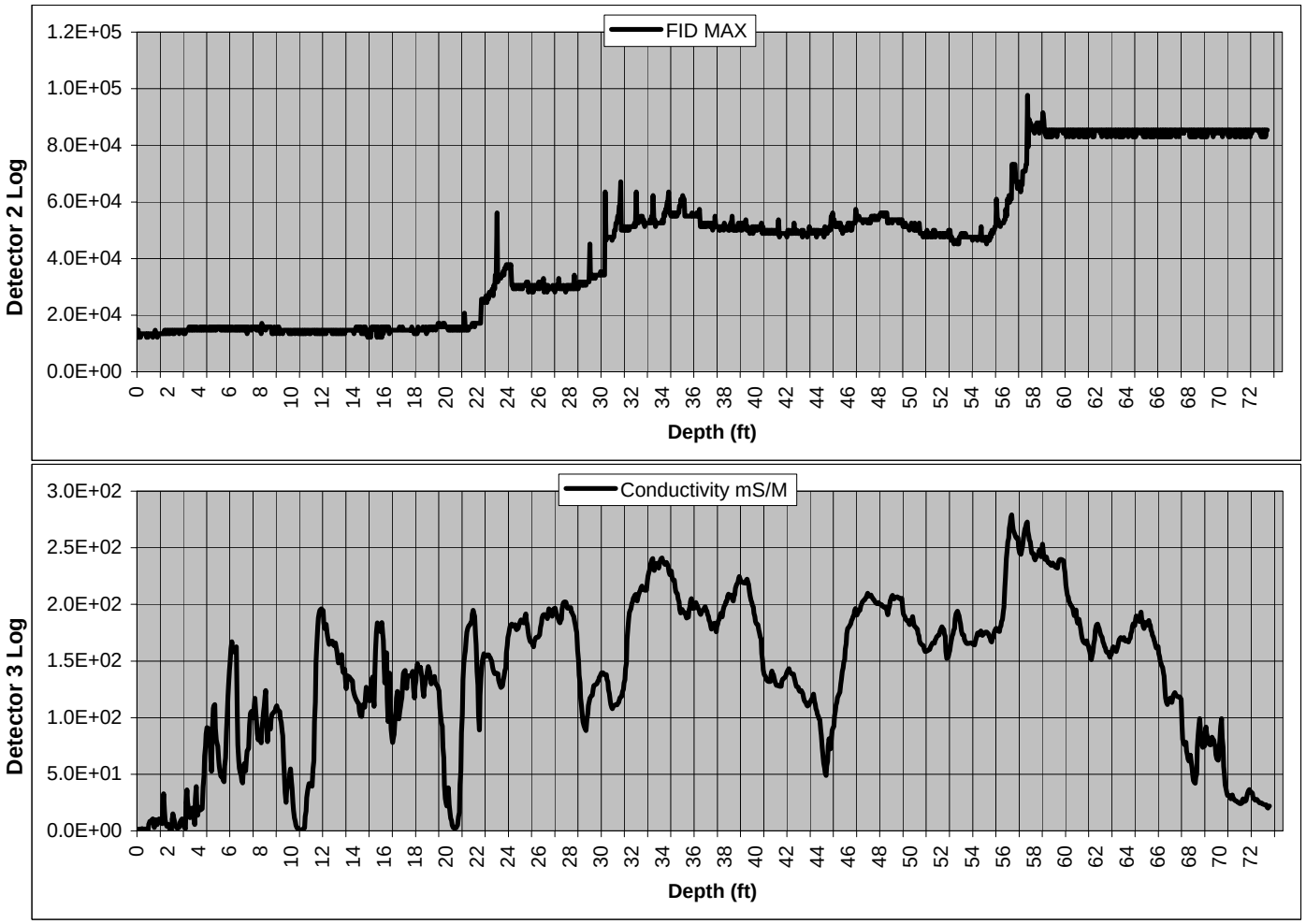






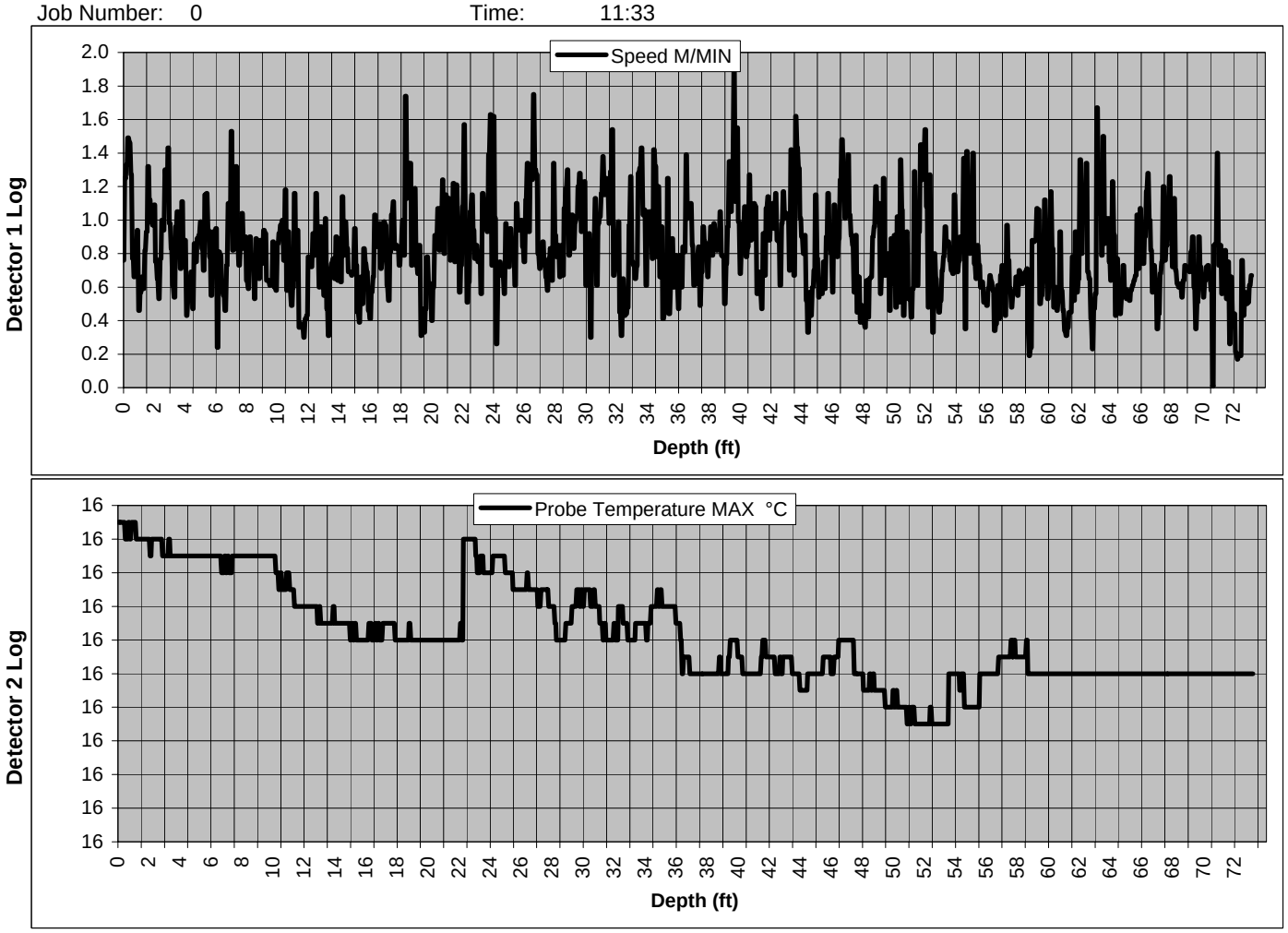
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-11	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 24 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	11:33		



MIP Log Results by Boring - Detector Reading vs. Depth

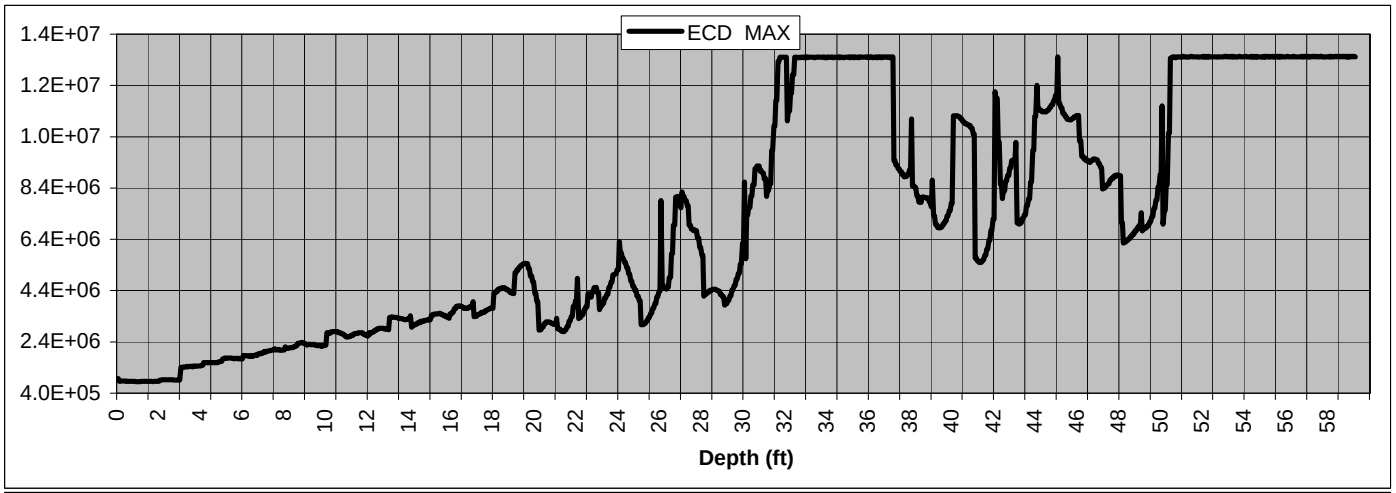
Client:	0	Boring I.D.:	MIP-11	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 24 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	11:33		

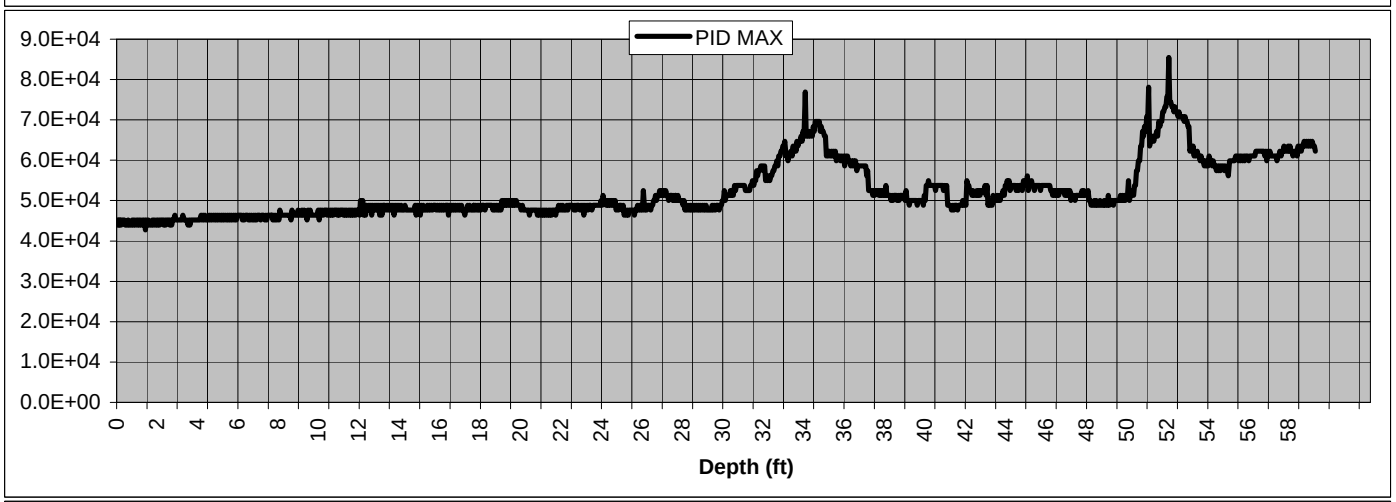


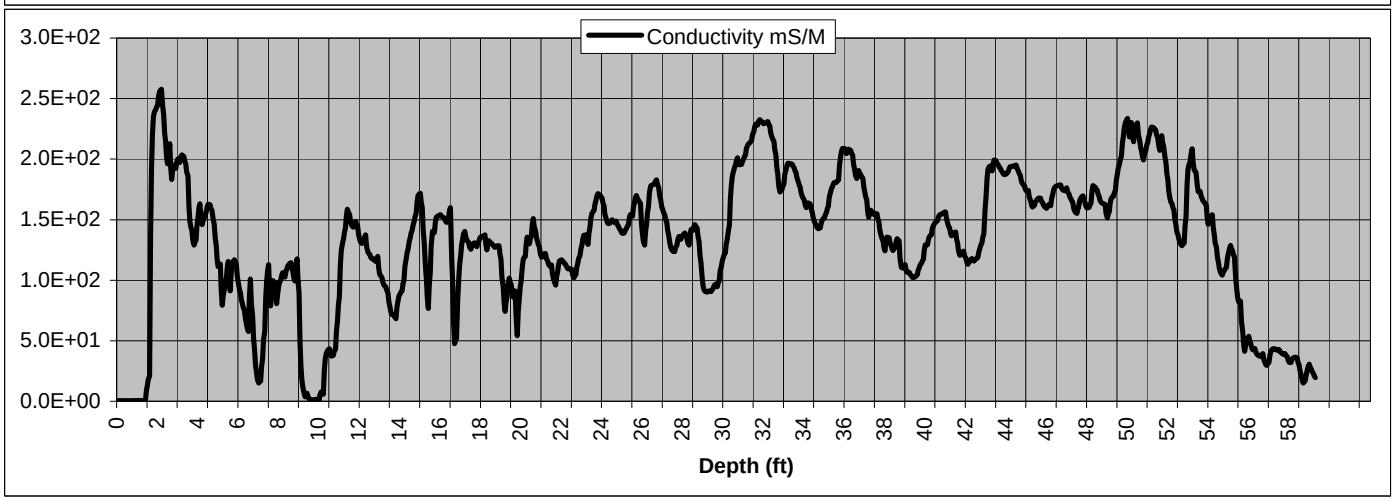
Explanation: Disregard data after 59' bgs. Stringpot broke. Probe and 3 rods broke upon completion of boring.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-12	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 29 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	13:18	Detector 3 :	Electrical Conductance (EC)

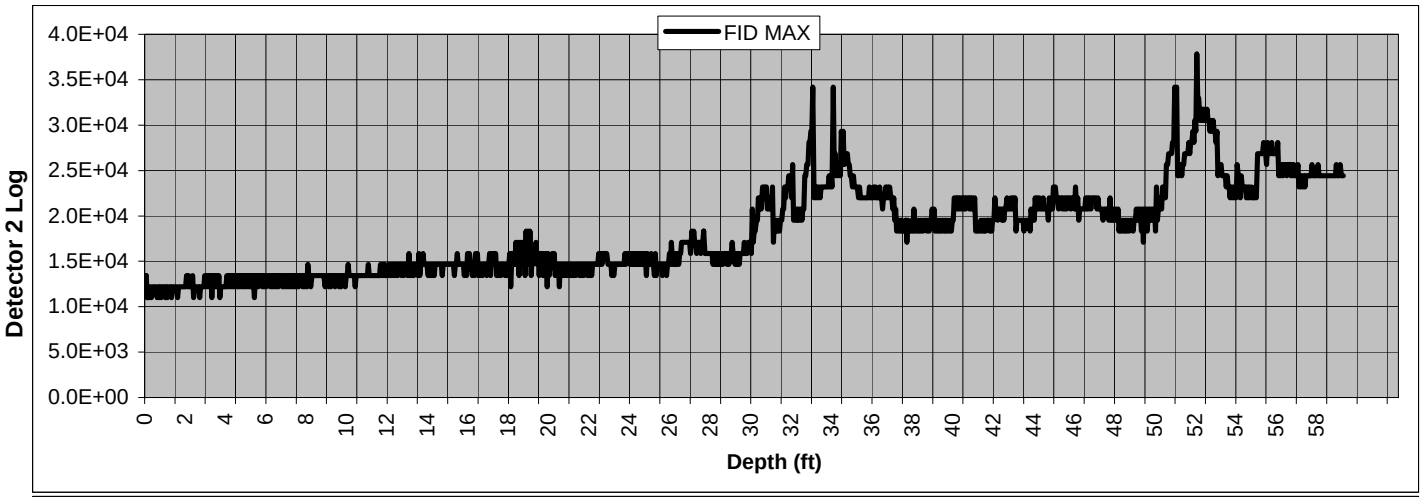


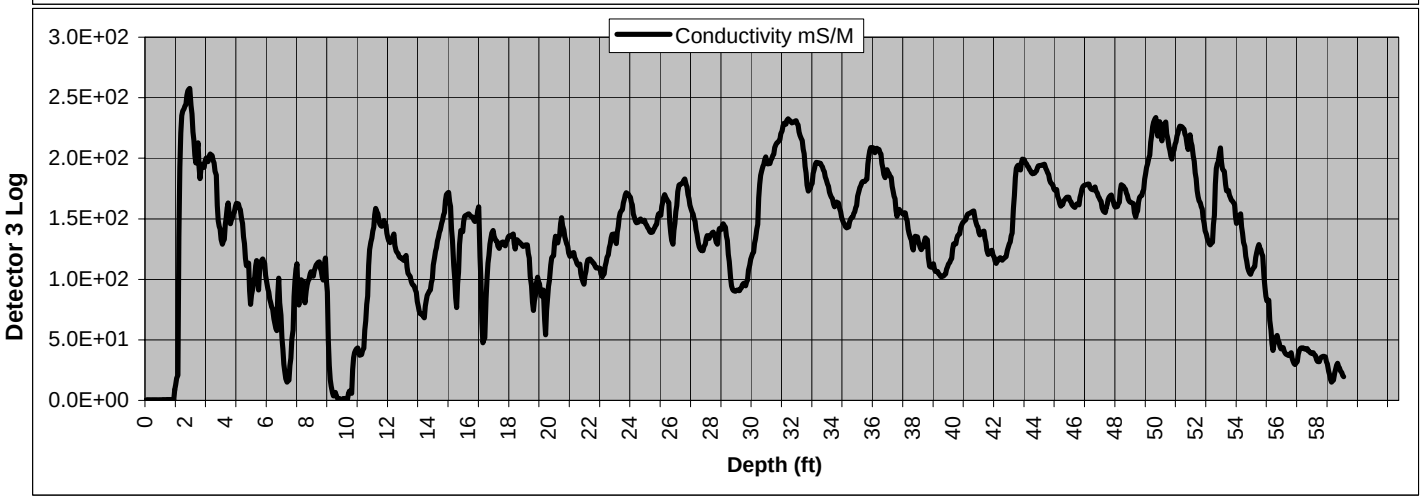




MIP Log Results by Boring - Detector Reading vs. Depth

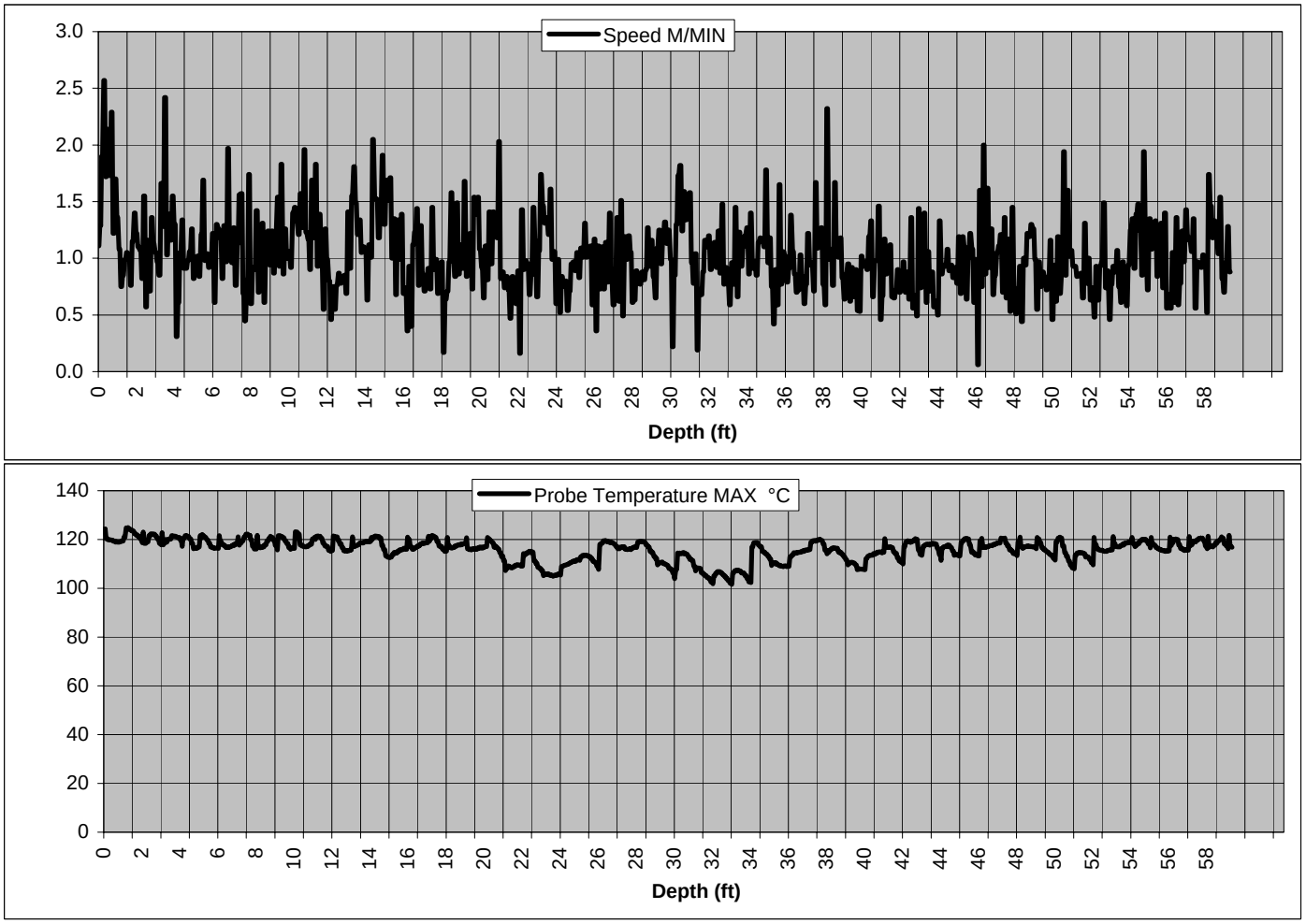
Client:	0	Boring I.D.:	MIP-12	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 29 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	13:18		





MIP Log Results by Boring - Detector Reading vs. Depth

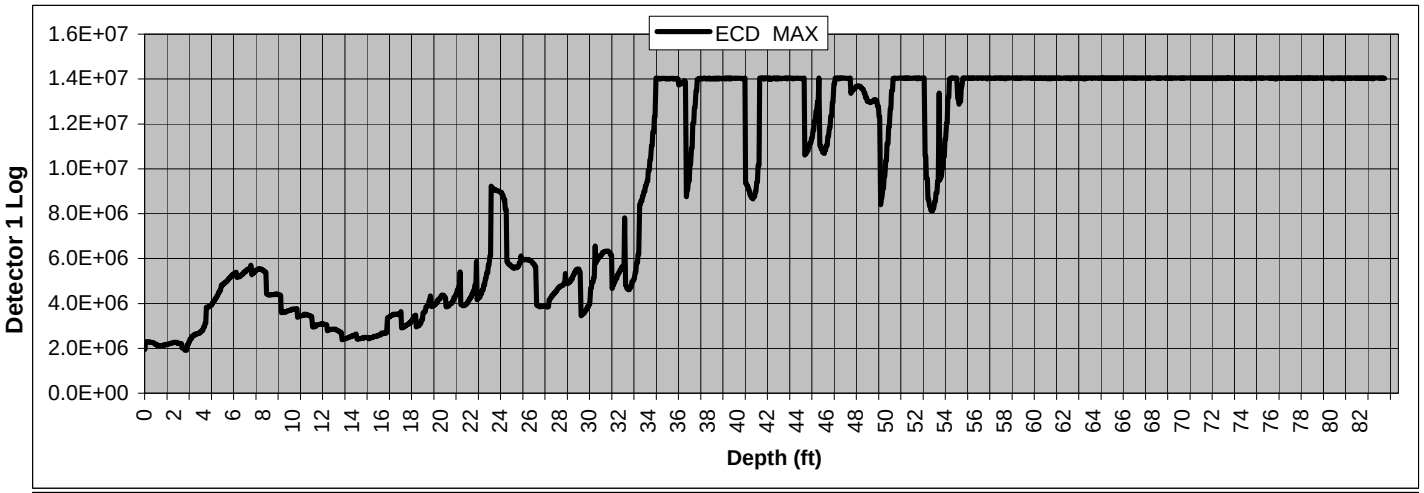
Client:	0	Boring I.D.:	MIP-12	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 29 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	13:18		

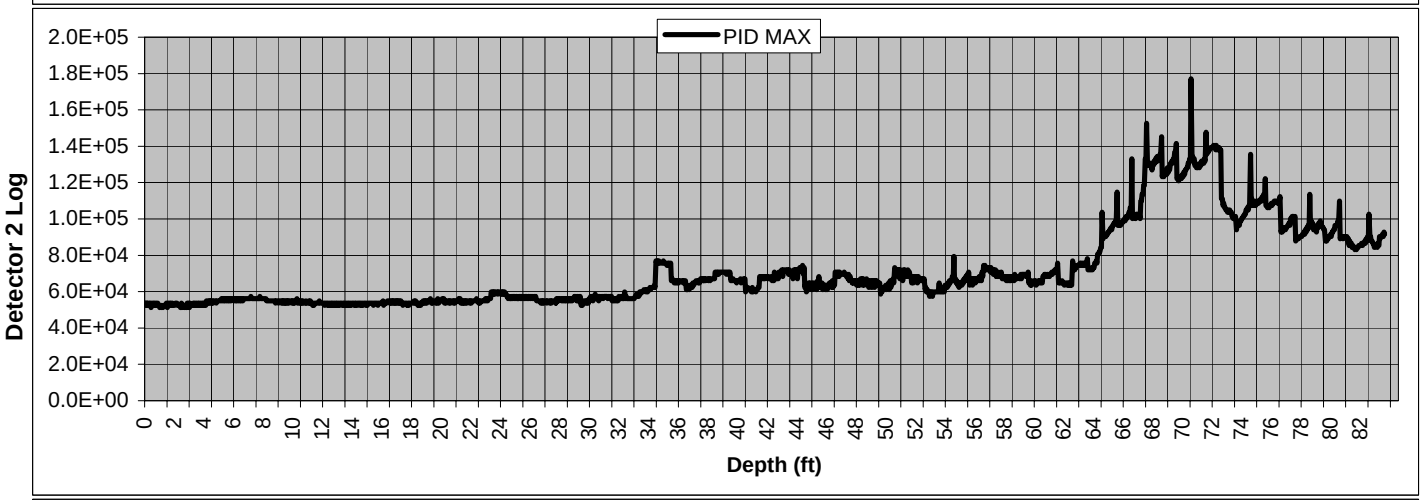


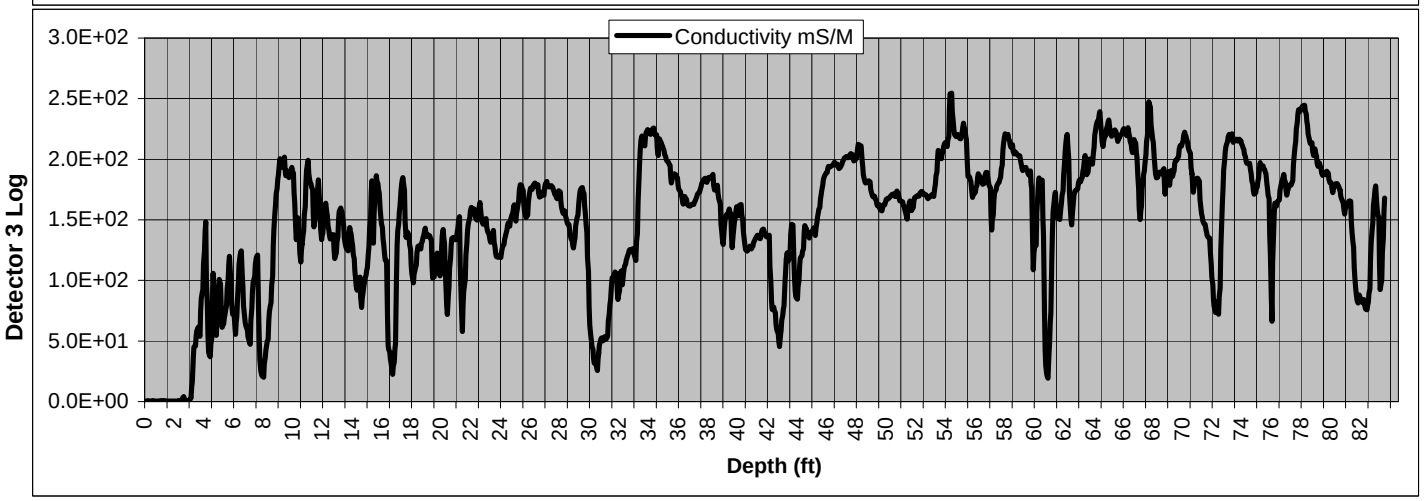
Explanation: Refusal at 58.3 feet.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-13	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 28 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	15:42	Detector 3 :	Electrical Conductance (EC)

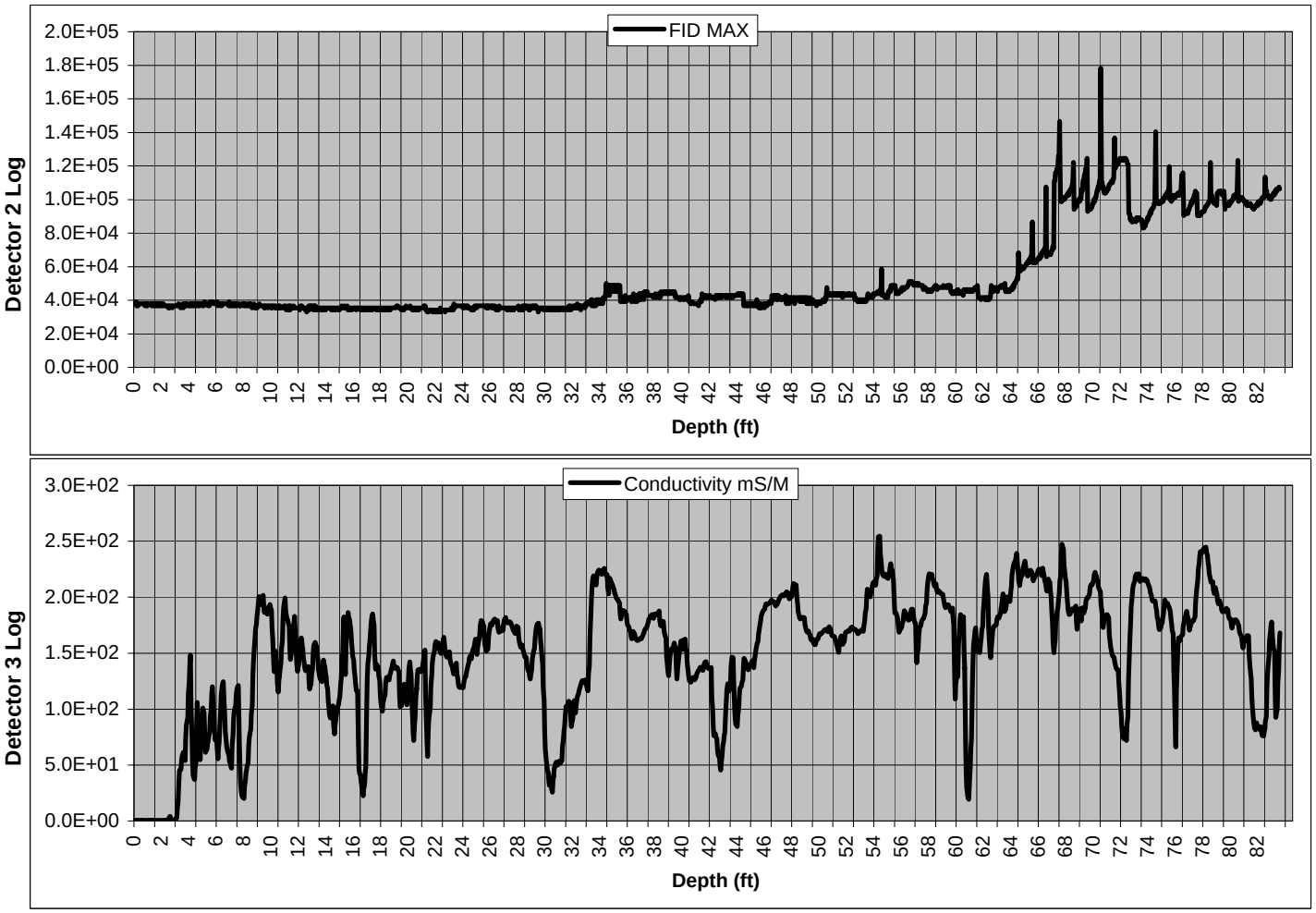






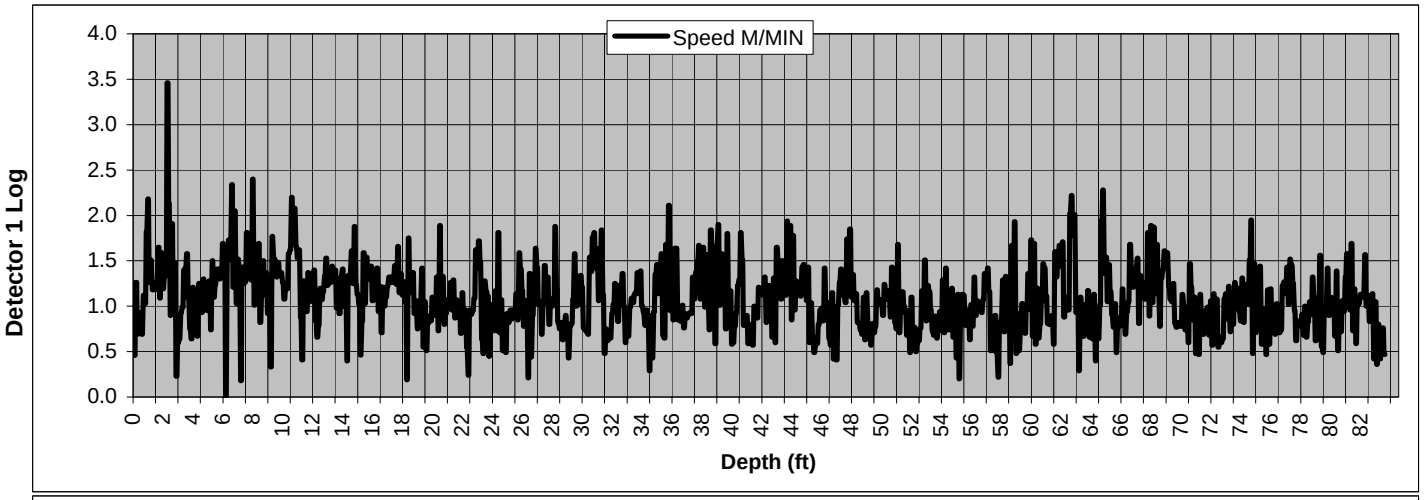
MIP Log Results by Boring - Detector Reading vs. Depth

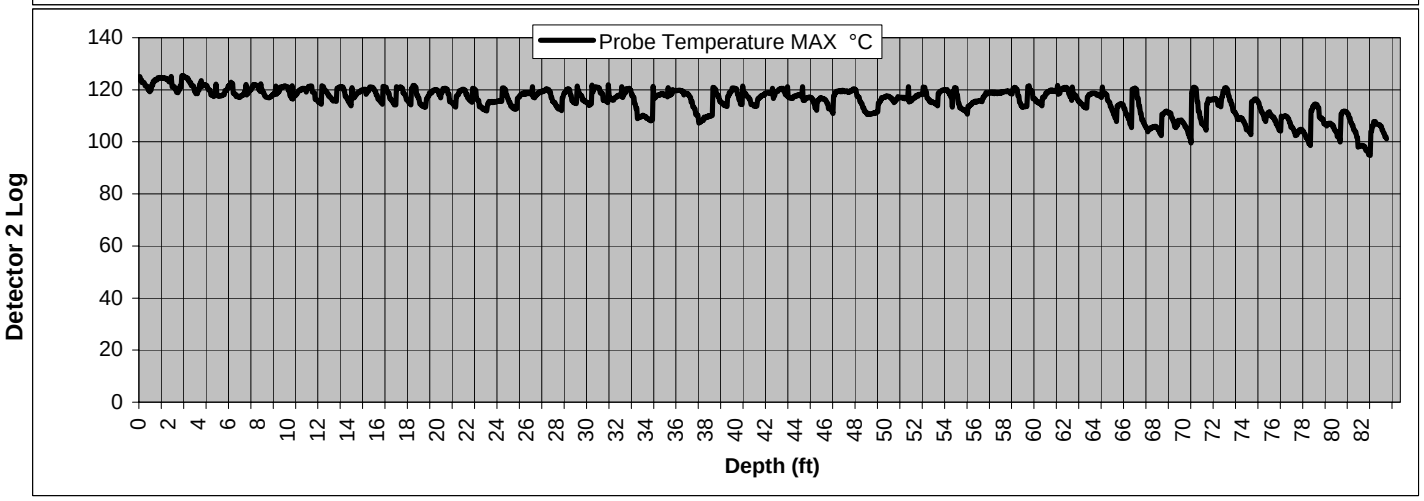
Client:	0	Boring I.D.:	MIP-13	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 28 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	15:42		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-13	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 28 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	15:42		

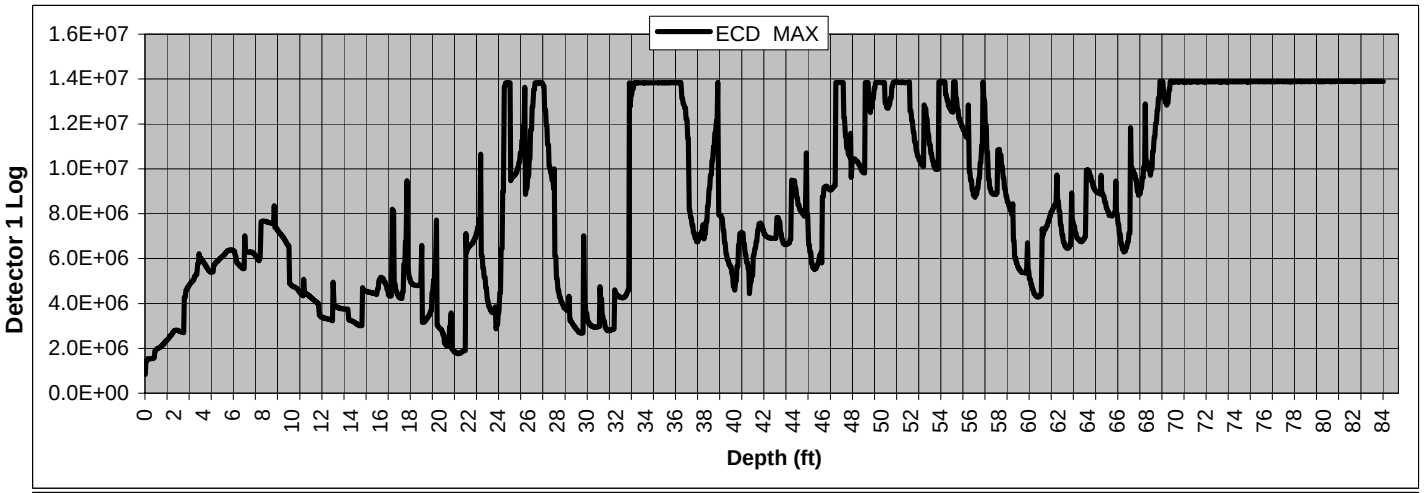


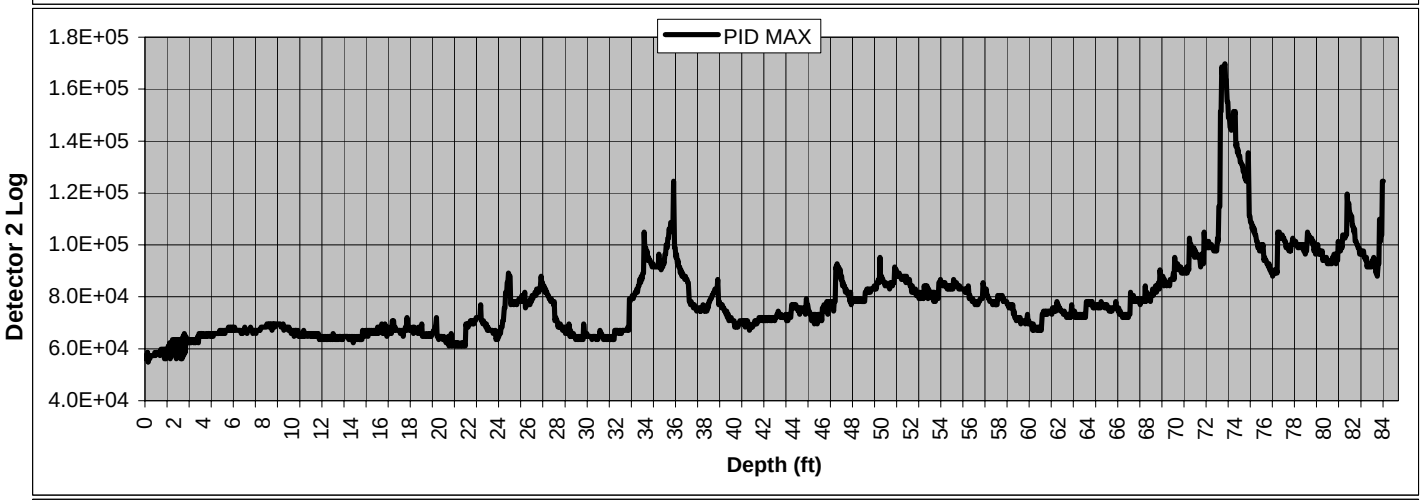


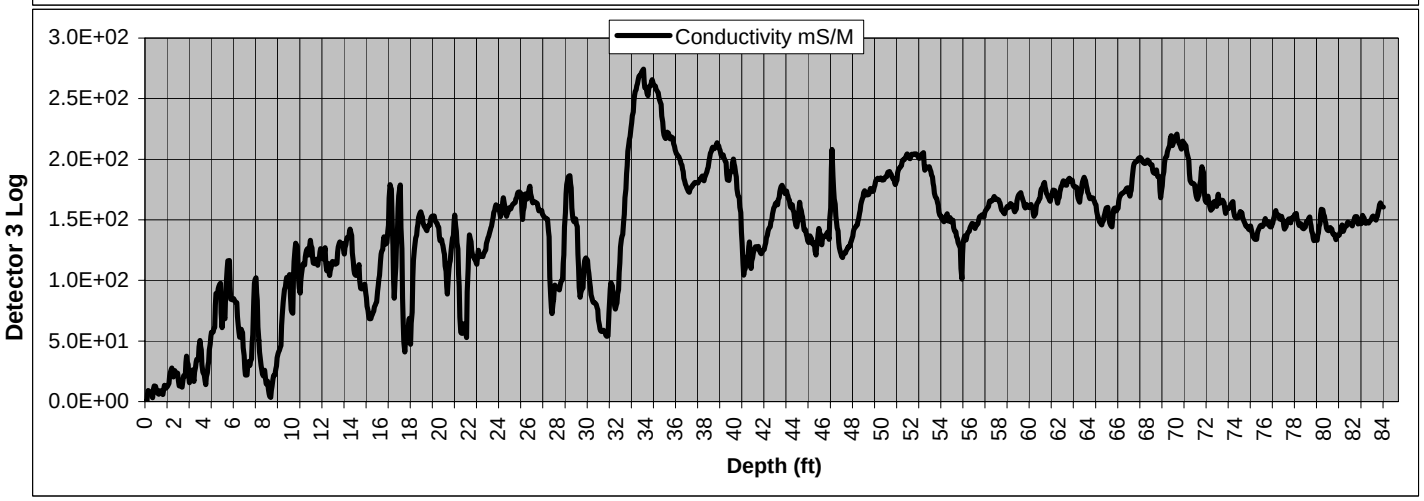
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-14	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 24 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	08:40	Detector 3 :	Electrical Conductance (EC)

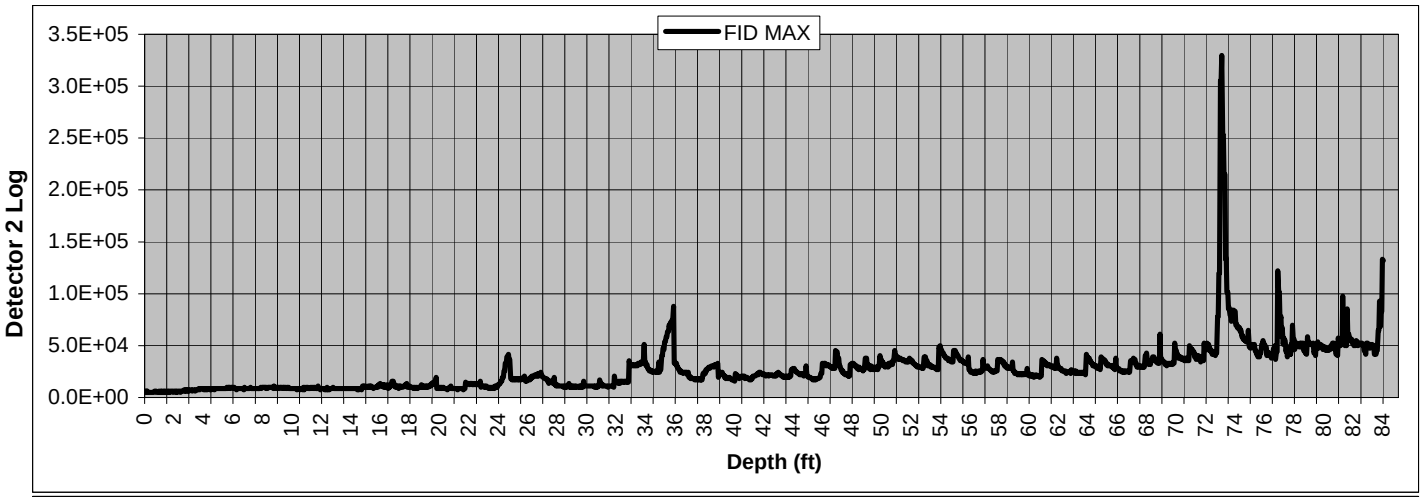


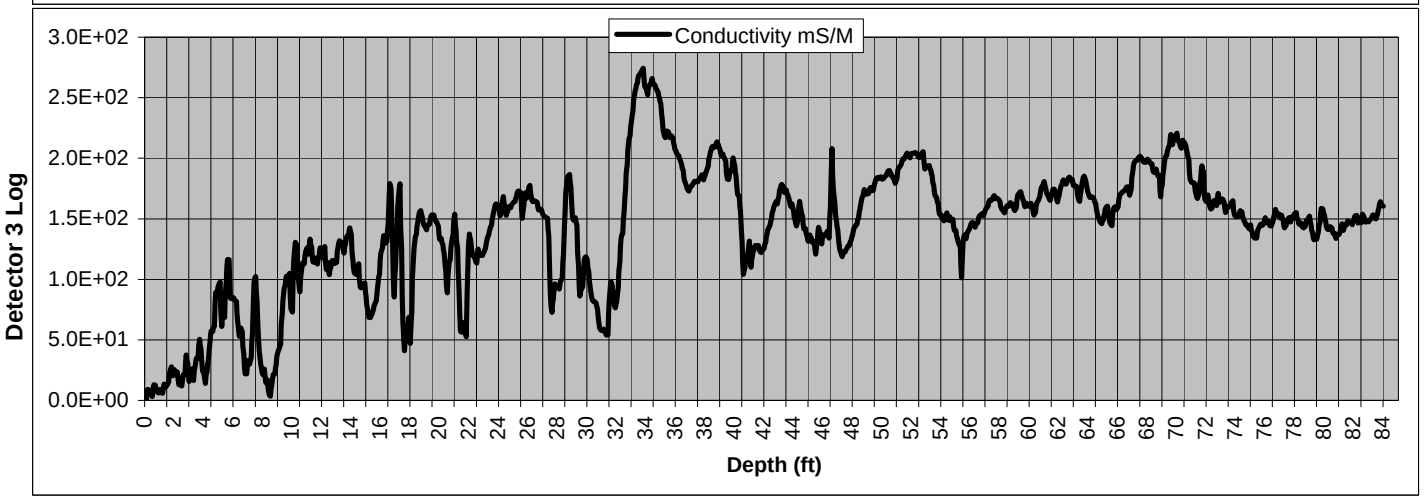




MIP Log Results by Boring - Detector Reading vs. Depth

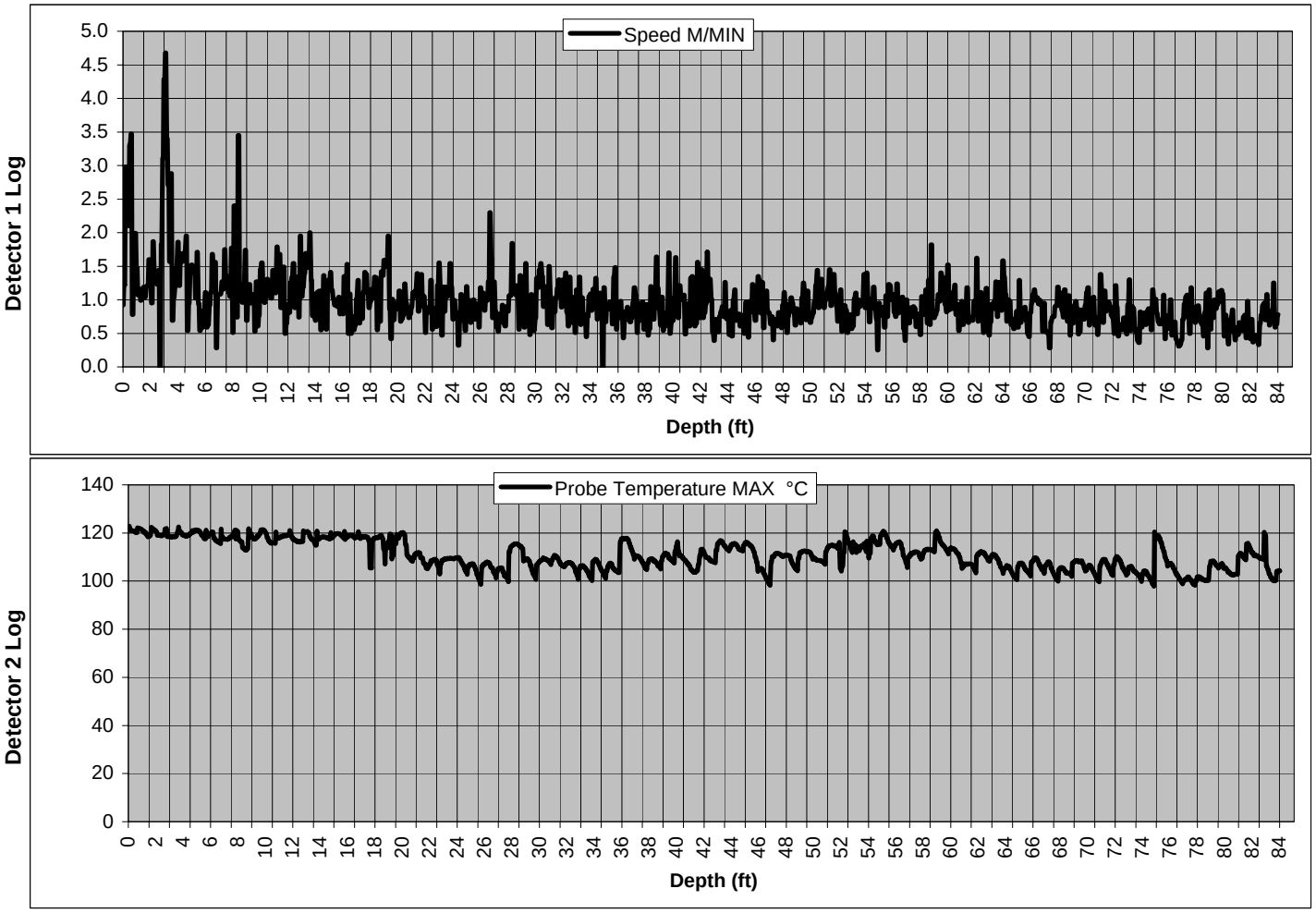
Client:	0	Boring I.D.:	MIP-14	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 24 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	08:40		





MIP Log Results by Boring - Detector Reading vs. Depth

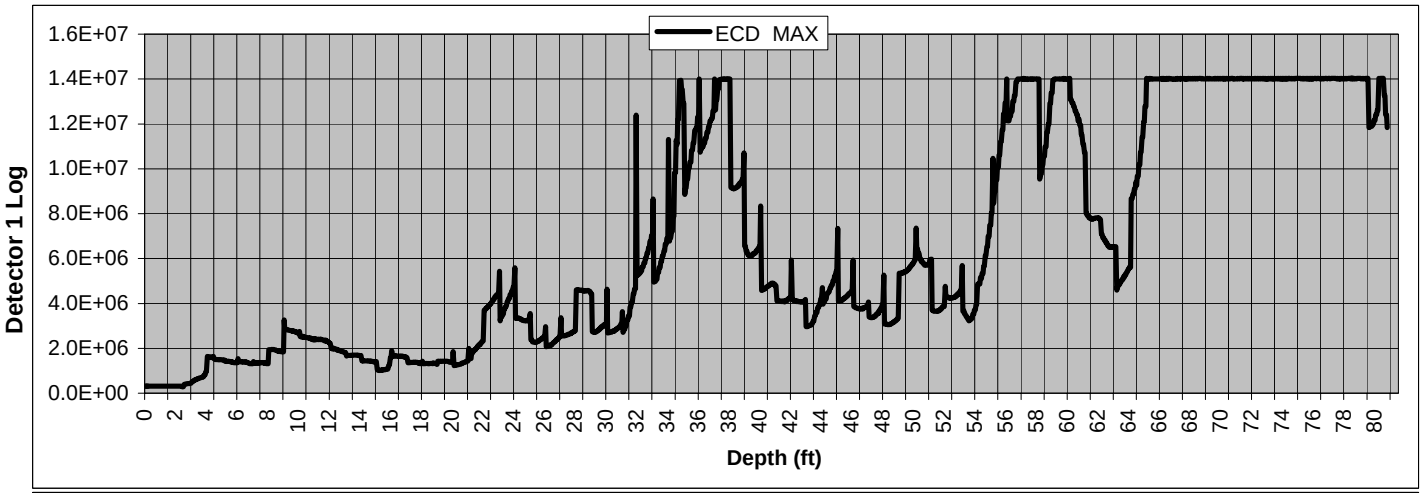
Client:	0	Boring I.D.:	MIP-14	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 24 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	08:40		

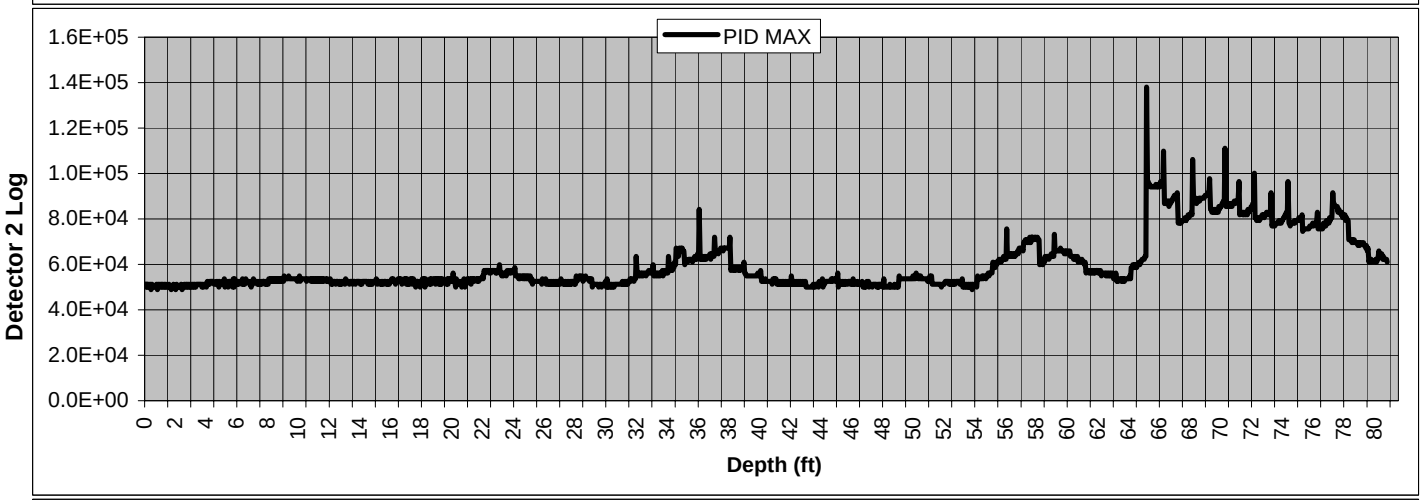


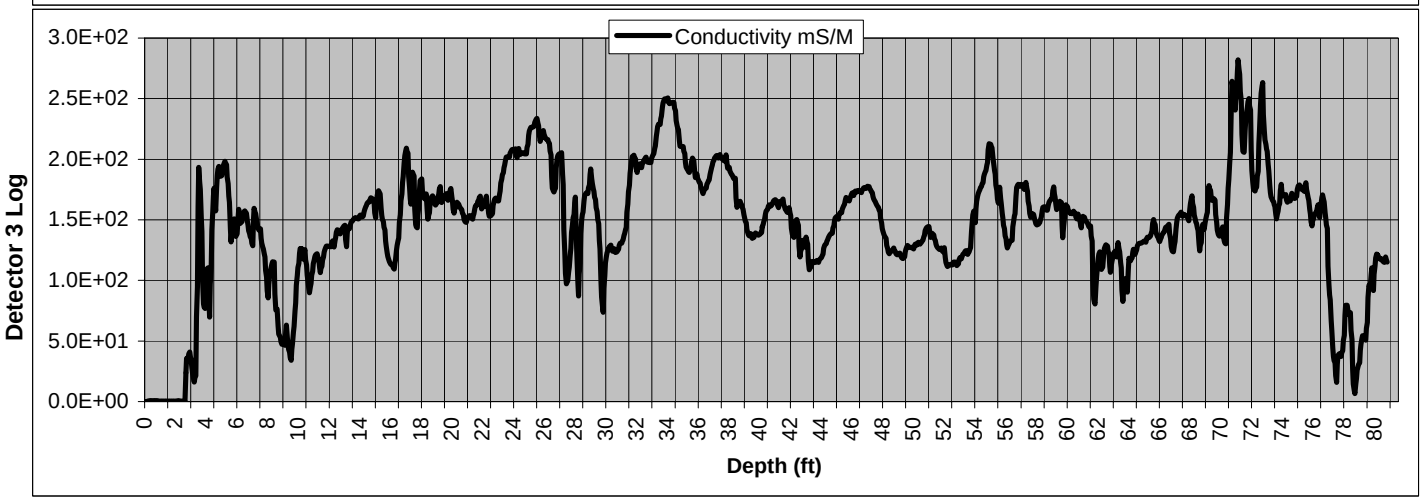
Explanation: FID/PID spike at 21.5 feet due to attenuation change. Hand auger to 5 feet.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-15	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 28 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	13:20	Detector 3 :	Electrical Conductance (EC)

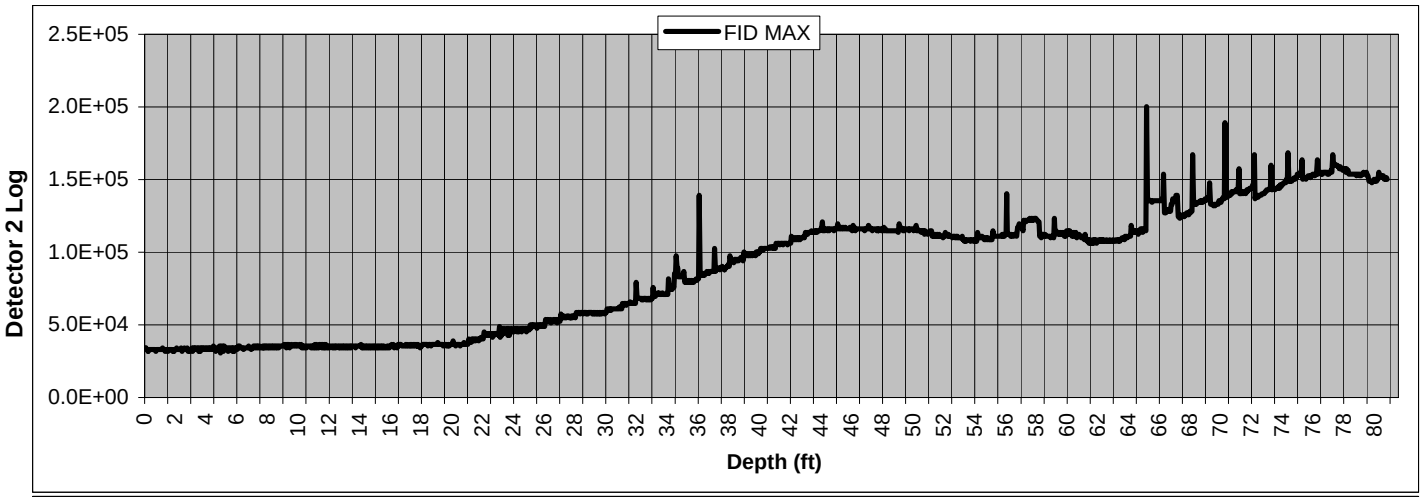


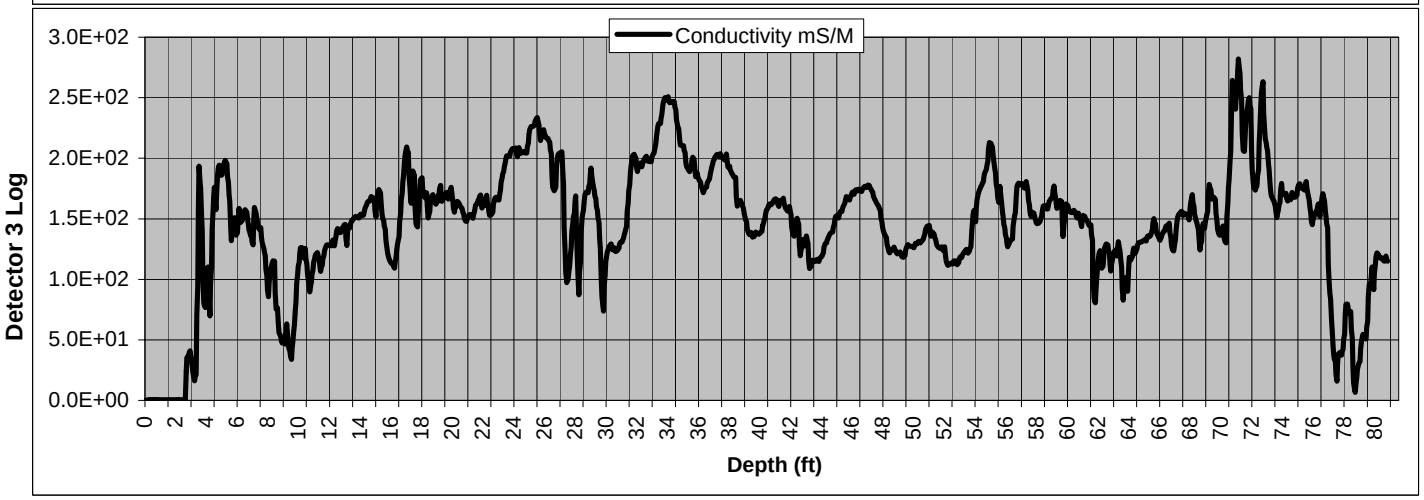




MIP Log Results by Boring - Detector Reading vs. Depth

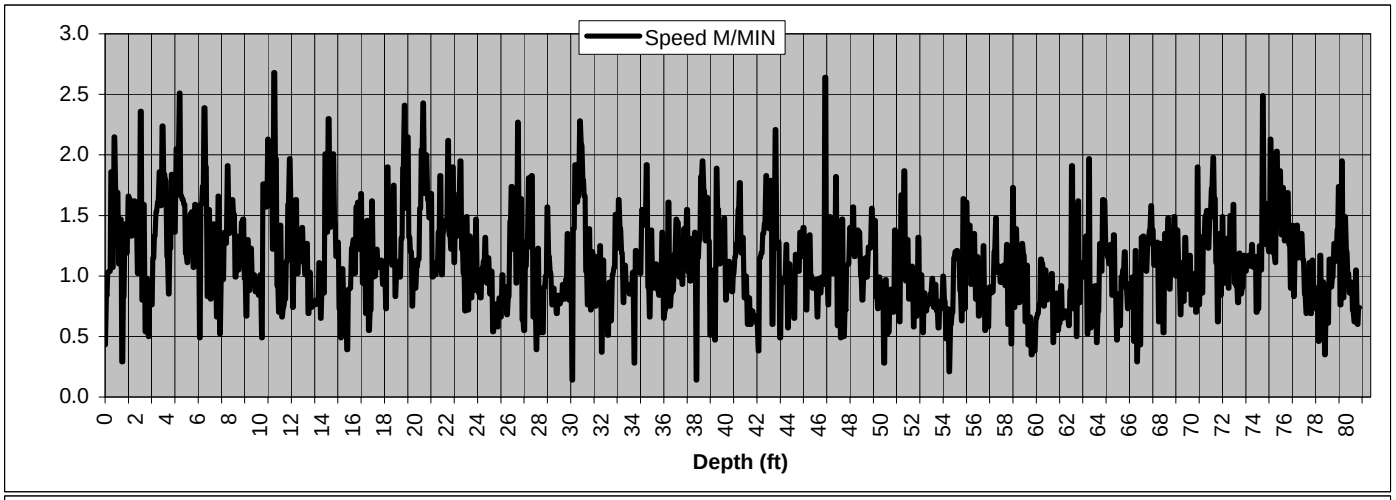
Client:	0	Boring I.D.:	MIP-15	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 28 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	13:20		

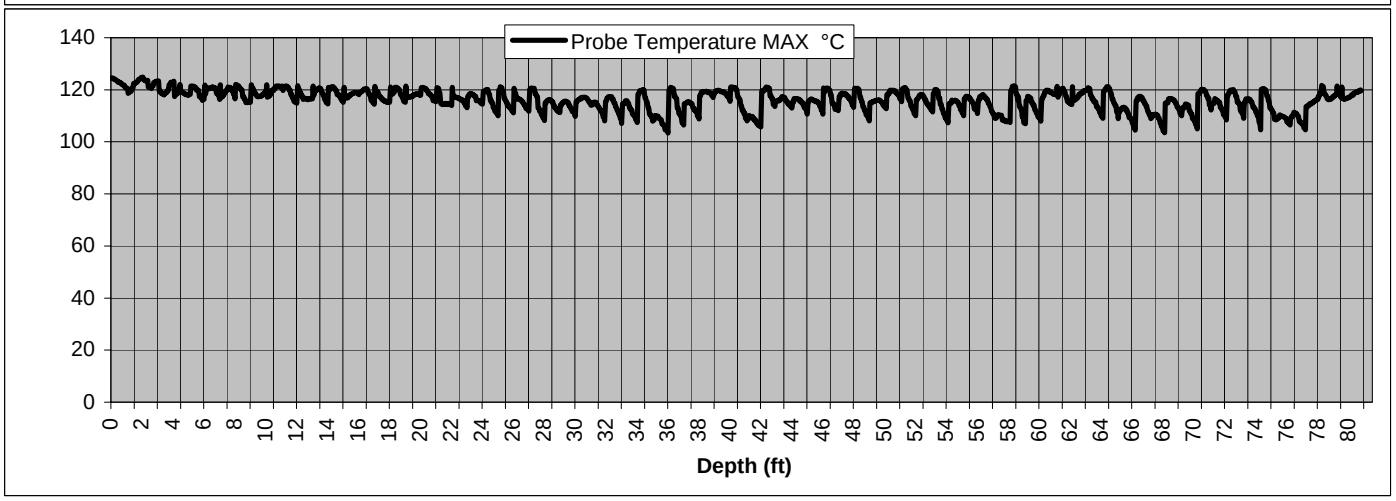




MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-15	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 28 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	13:20		

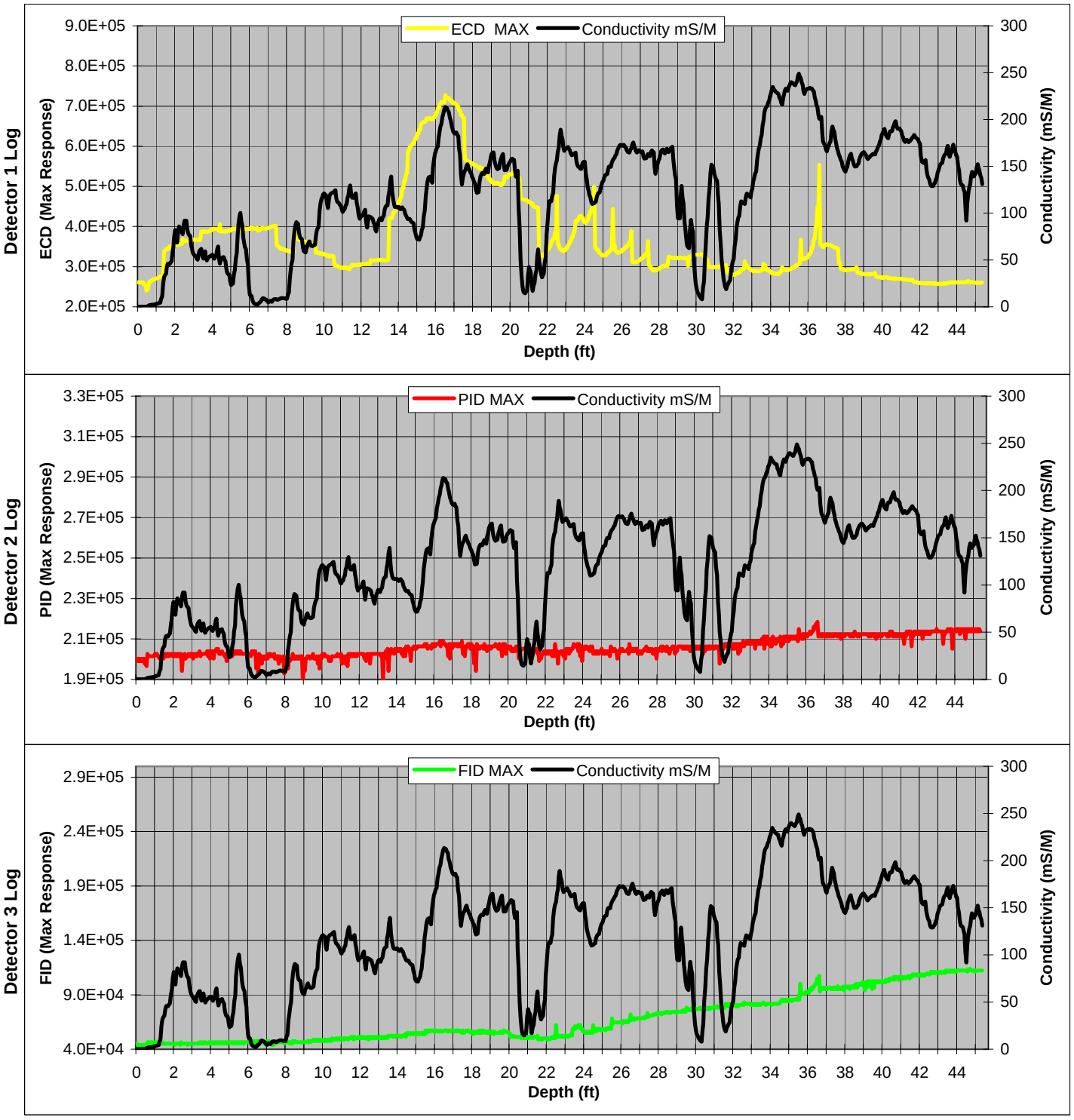




Explanation:

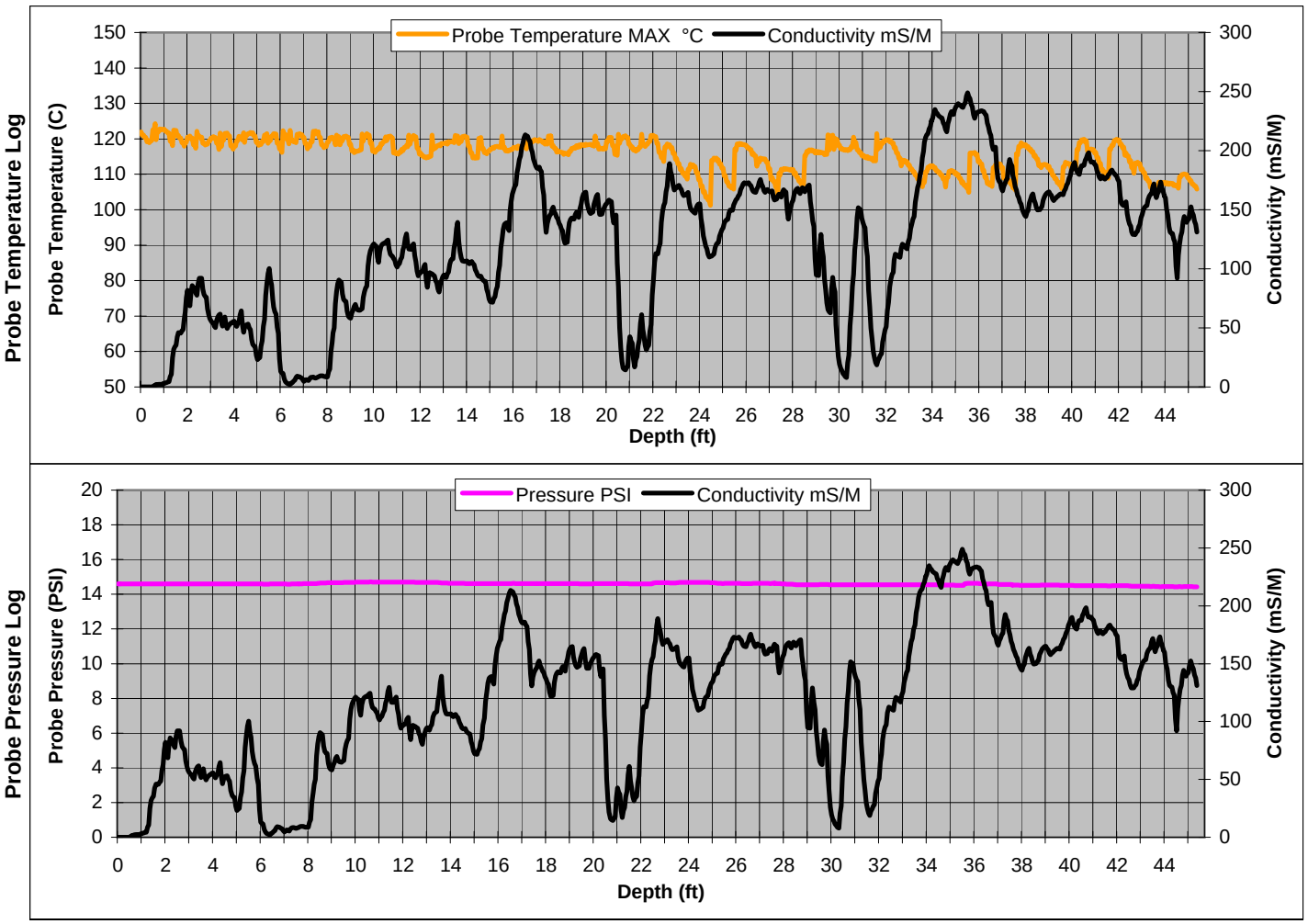
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-16	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 05 2005	Detector 2 :	Photo Ionization (PID)
		Time:	10:02	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

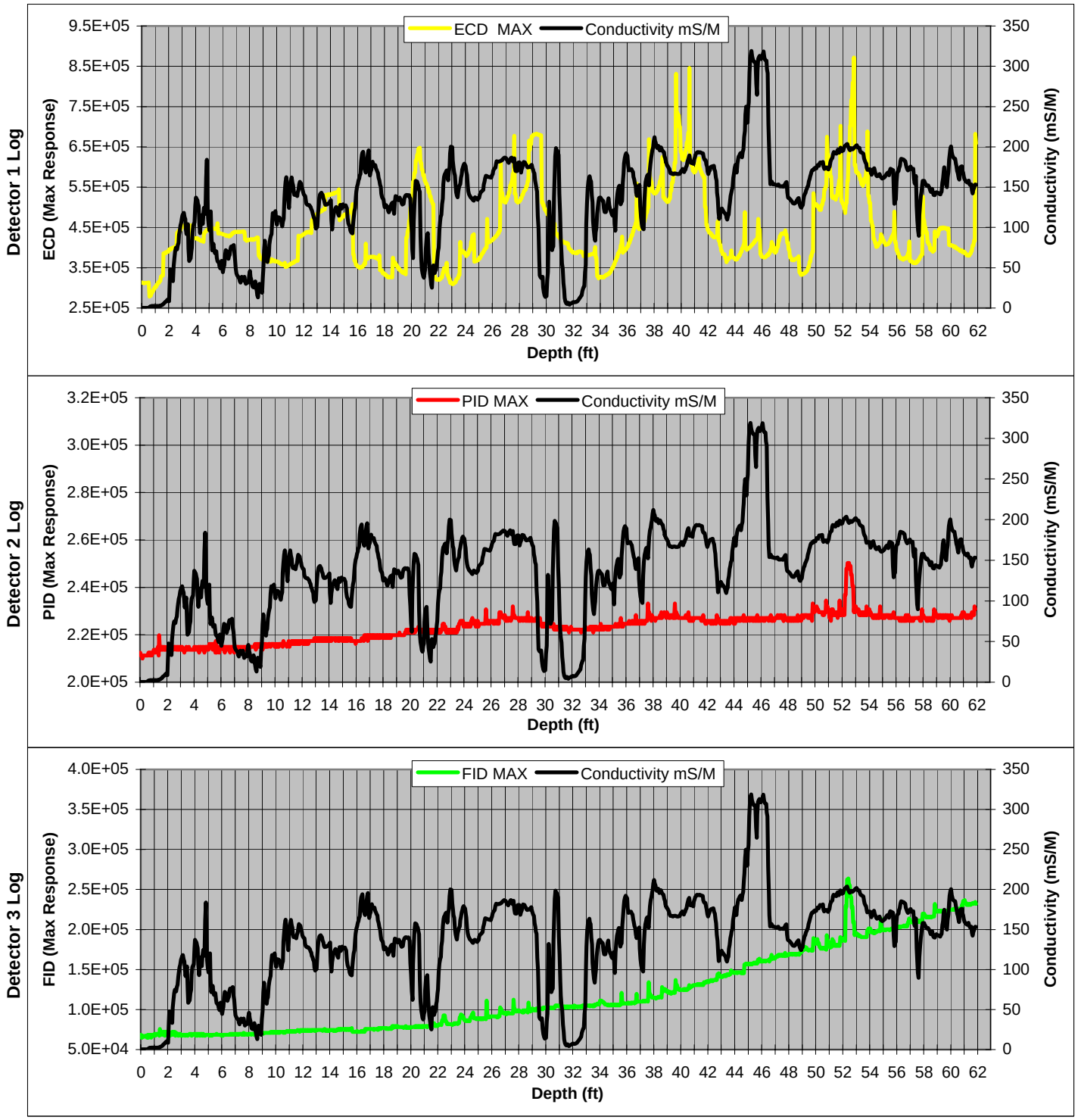
Client:	CDM	Boring I.D.:	MIP-16	Graph 1 :	Probe Temperature (C)
		Date:	Dec 05 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	10:02		



Explanation: Refusal was reached at 45.35 feet bgs.

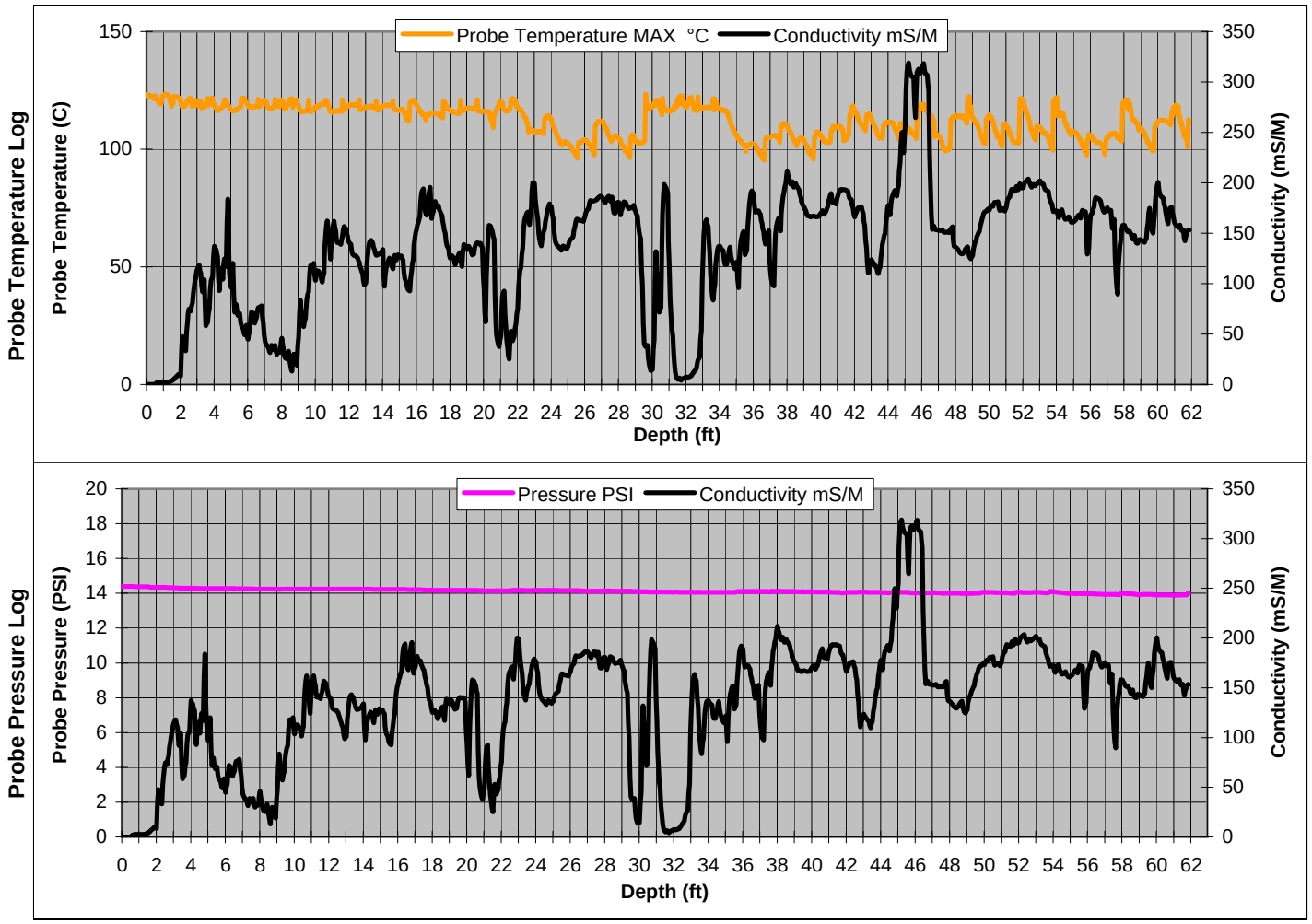
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-16a	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 05 2005	Detector 2 :	Photo Ionization (PID)
		Time:	12:41	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

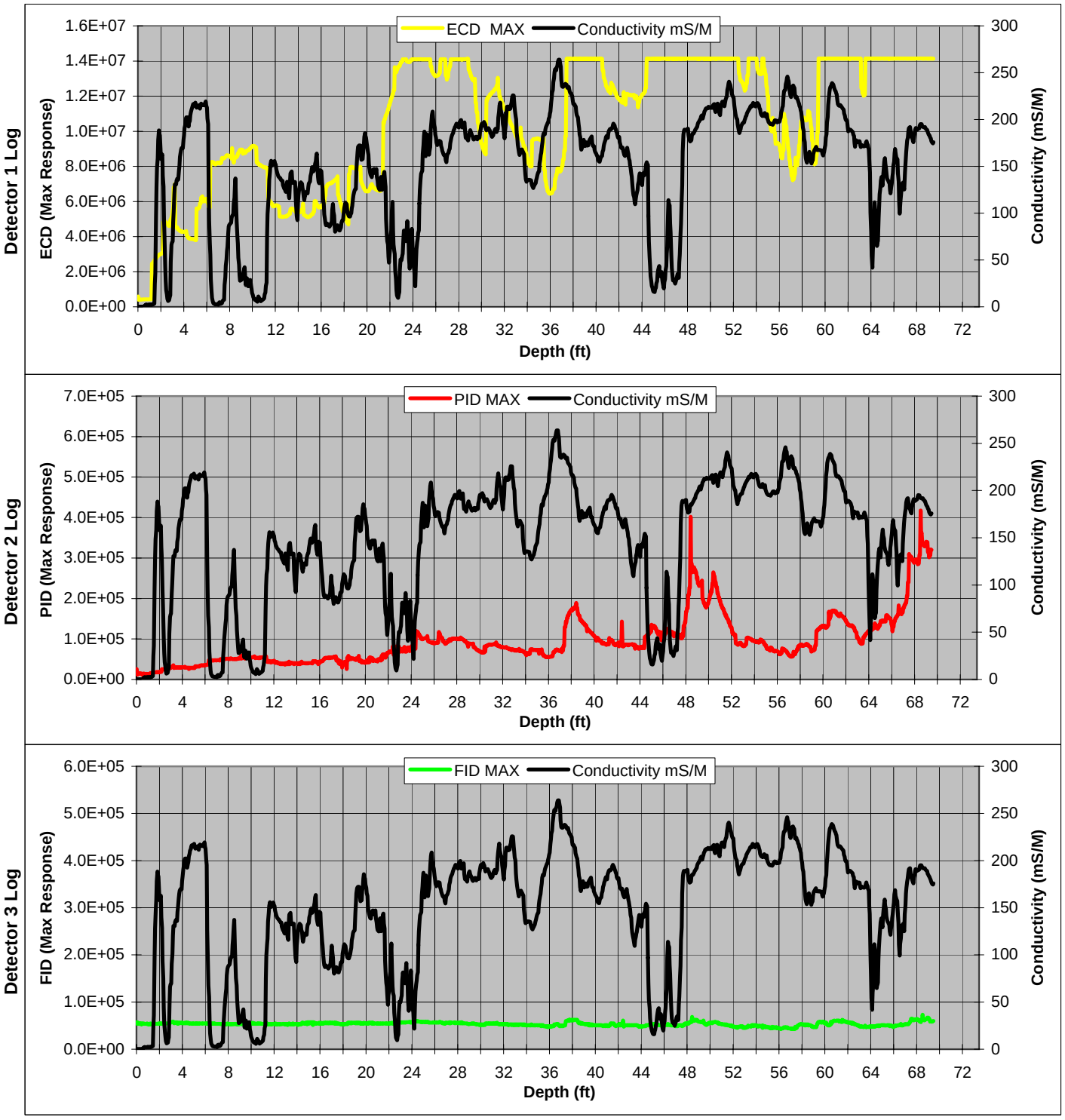
Client:	CDM	Boring I.D.:	MIP-16a	Graph 1 :	Probe Temperature (C)
		Date:	Dec 05 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	12:41		



Explanatio

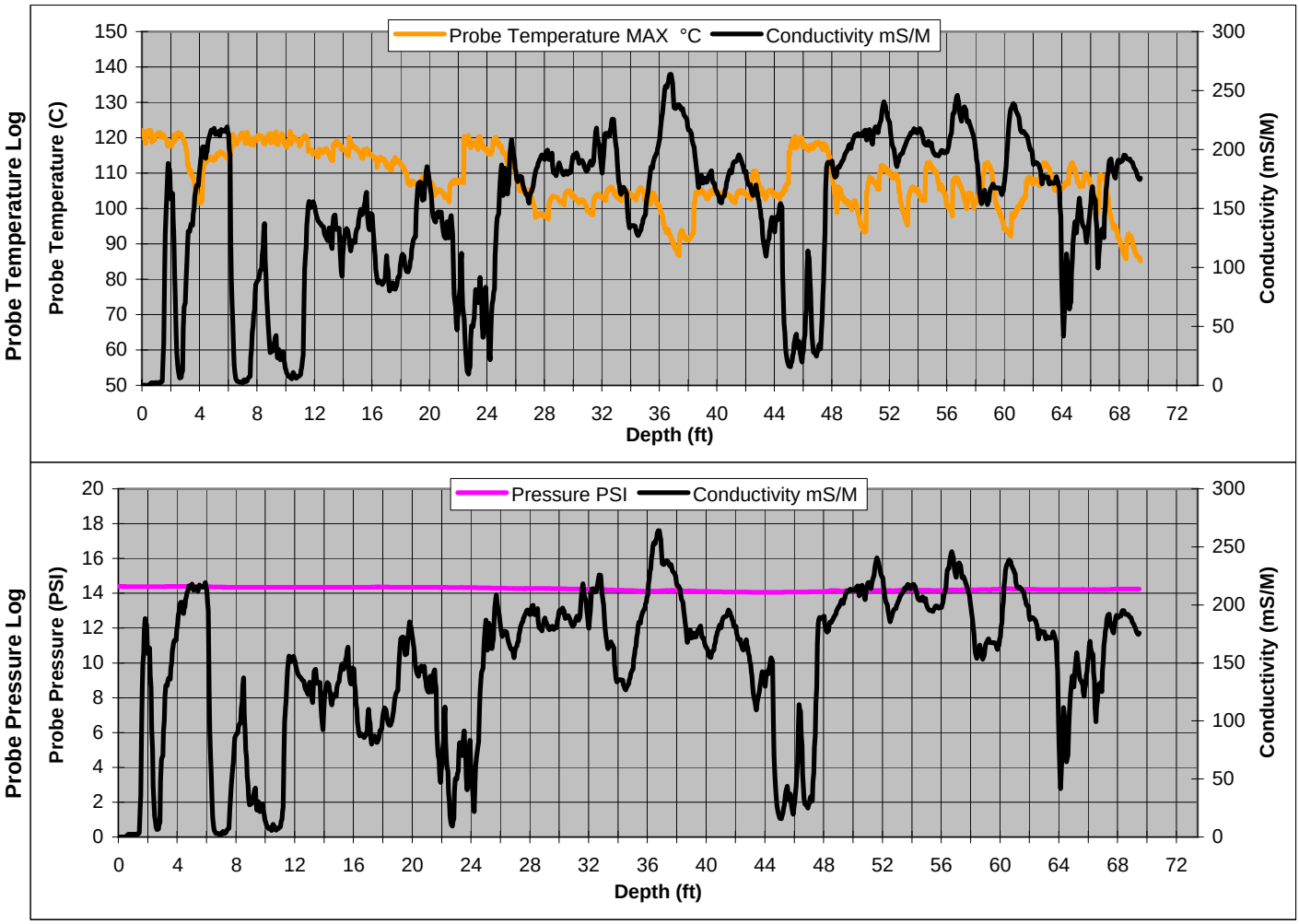
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-17	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 09 2005	Detector 2 :	Photo Ionization (PID)
		Time:	10:59	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

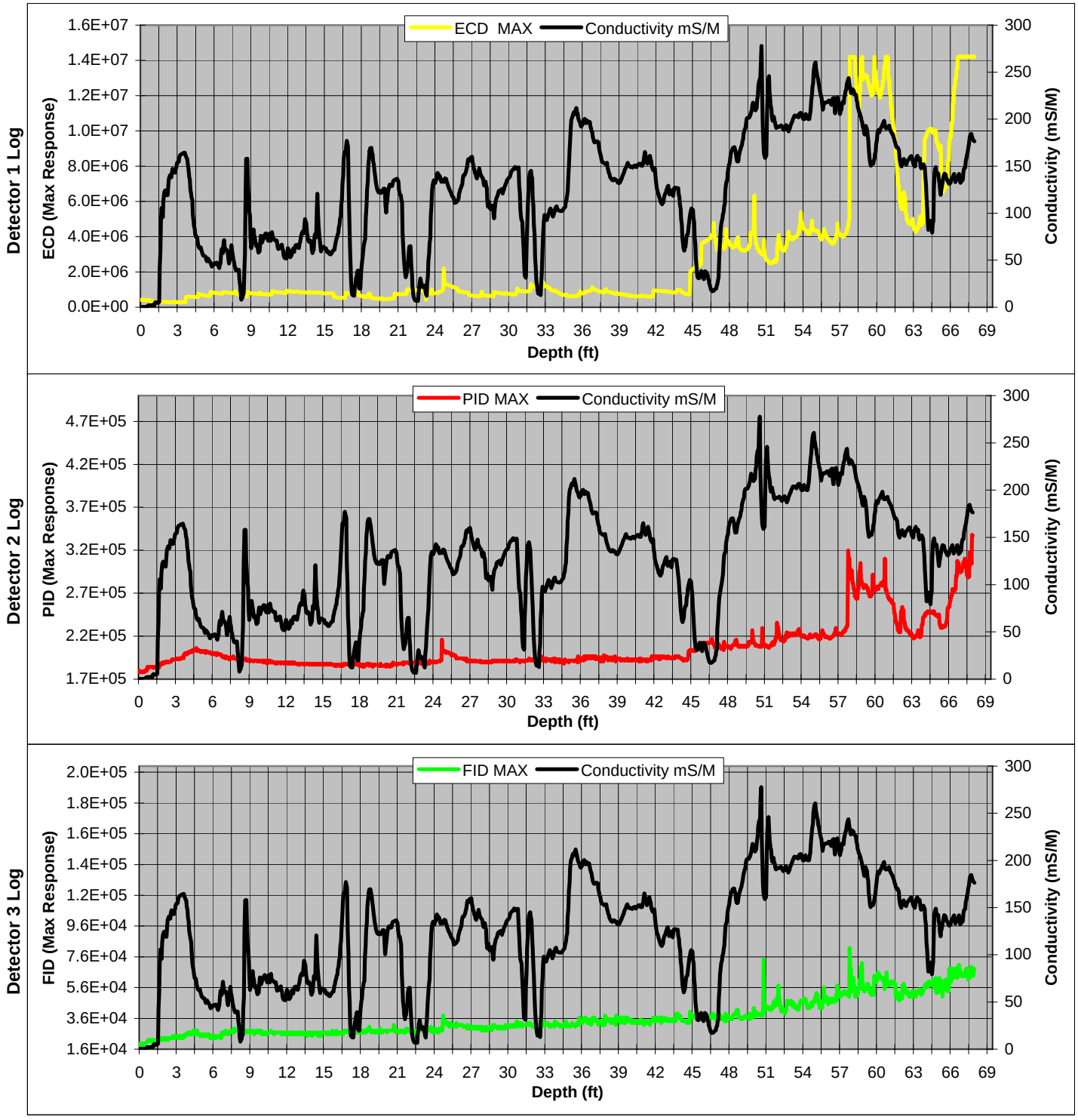
Client:	CDM	Boring I.D.:	MIP-17	Graph 1 :	Probe Temperature (C)
		Date:	Dec 09 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	10:59		



Explanation: Refusal was reached at 69.45 feet bgs. End of day response test not completed due to baseline. PID baseline set at 200.

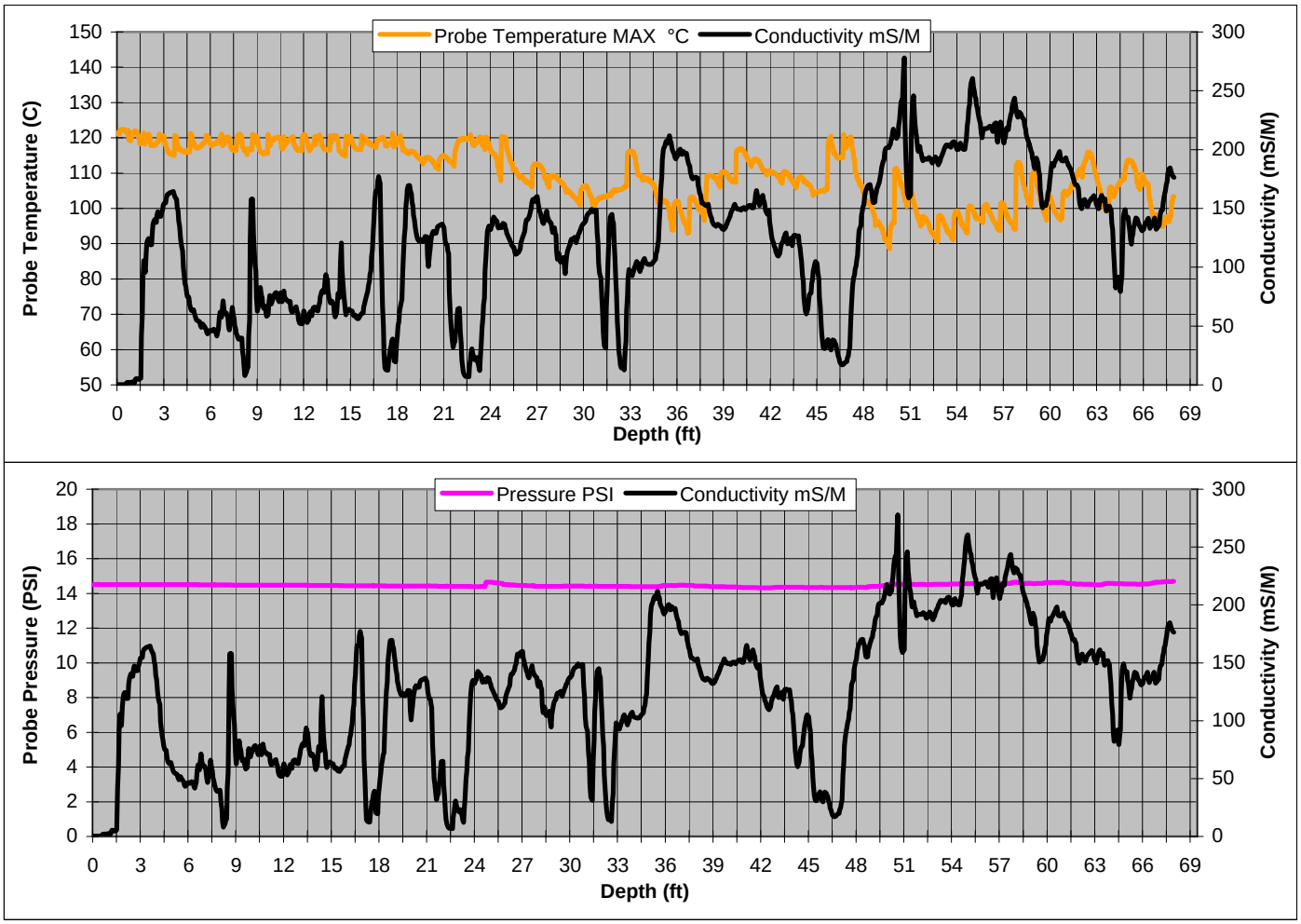
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-18	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 09 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:03	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

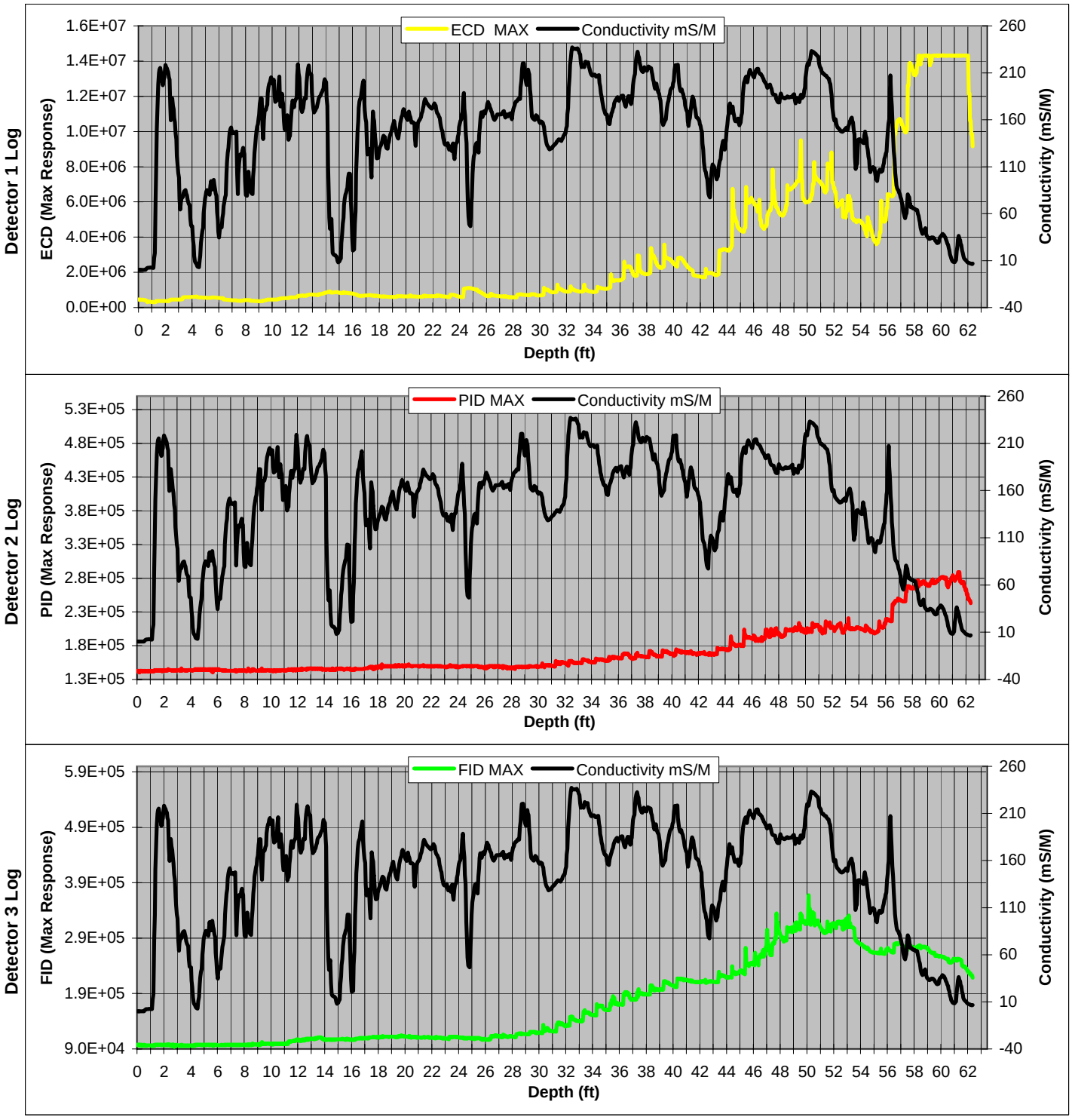
Client:	CDM	Boring I.D.:	MIP-18	Graph 1 :	Probe Temperature (C)
		Date:	Dec 09 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:03		



Explanation: Refusal was reached at 67.95 feet bgs.

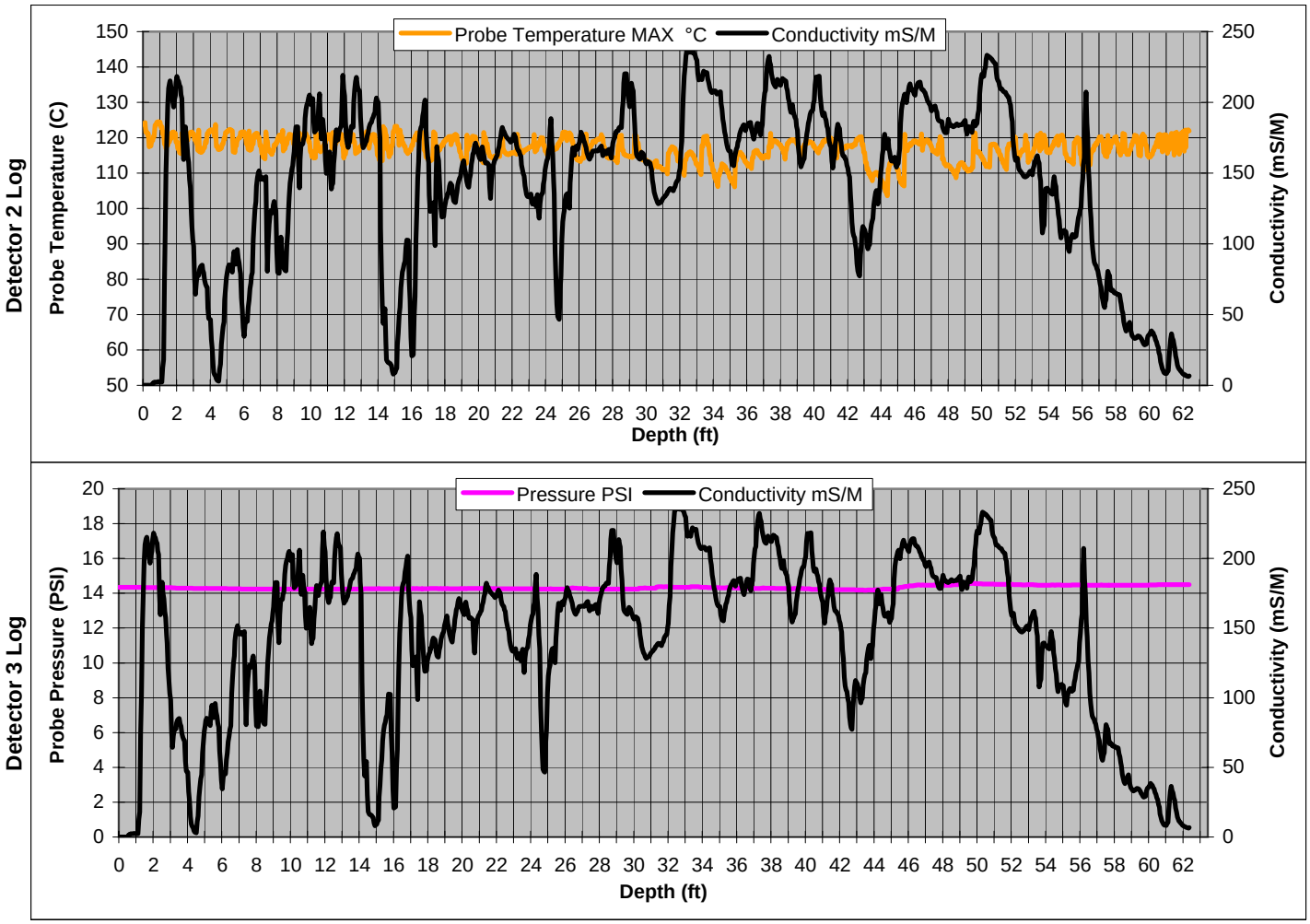
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-19	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 07 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:59	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

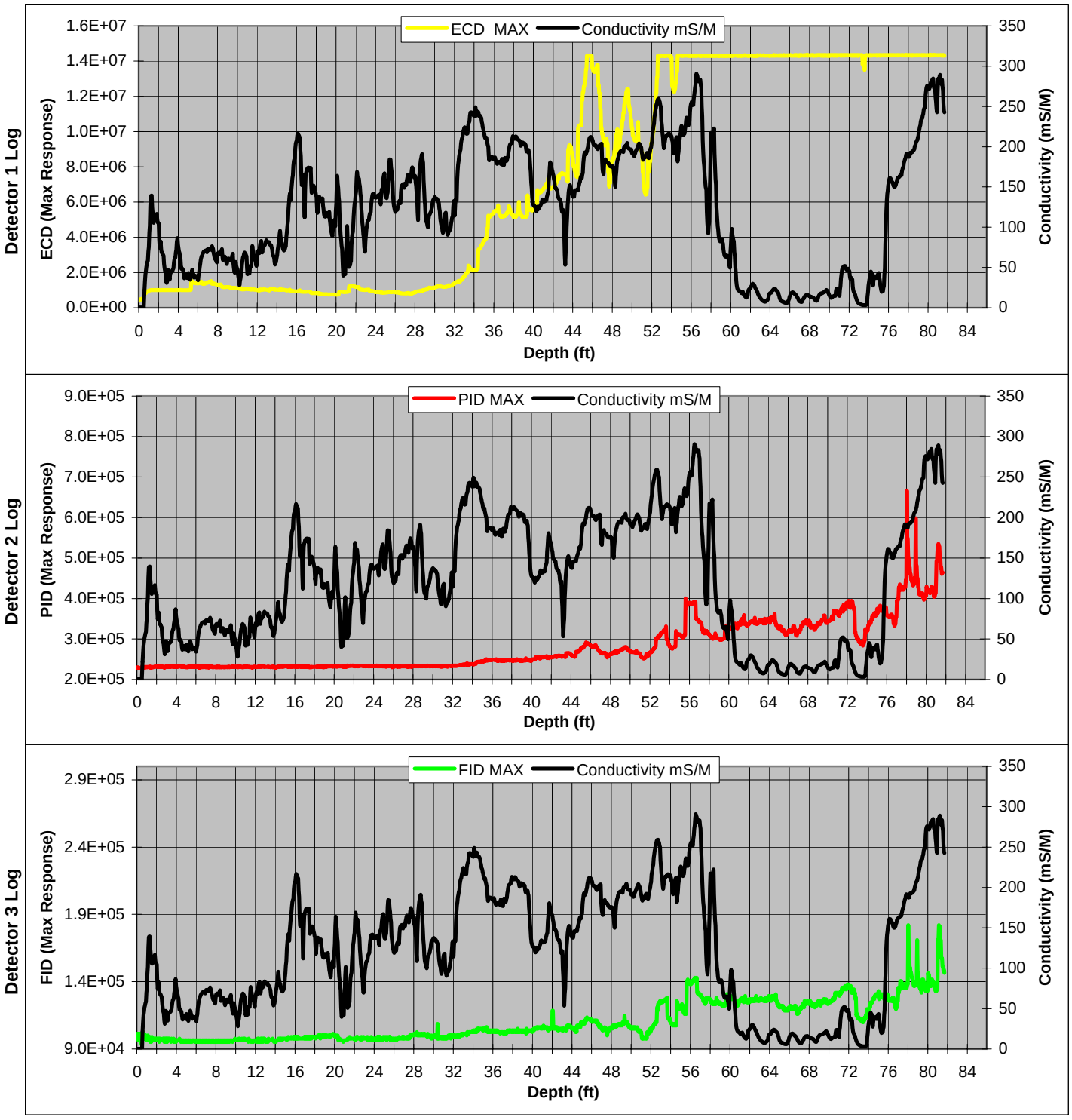
Client:	CDM	Boring I.D.:	MIP-19	Graph 1 :	Probe Temperature (C)
		Date:	Dec 07 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:59		



Explanation: Refusal was reached at 62.35 feet bgs.

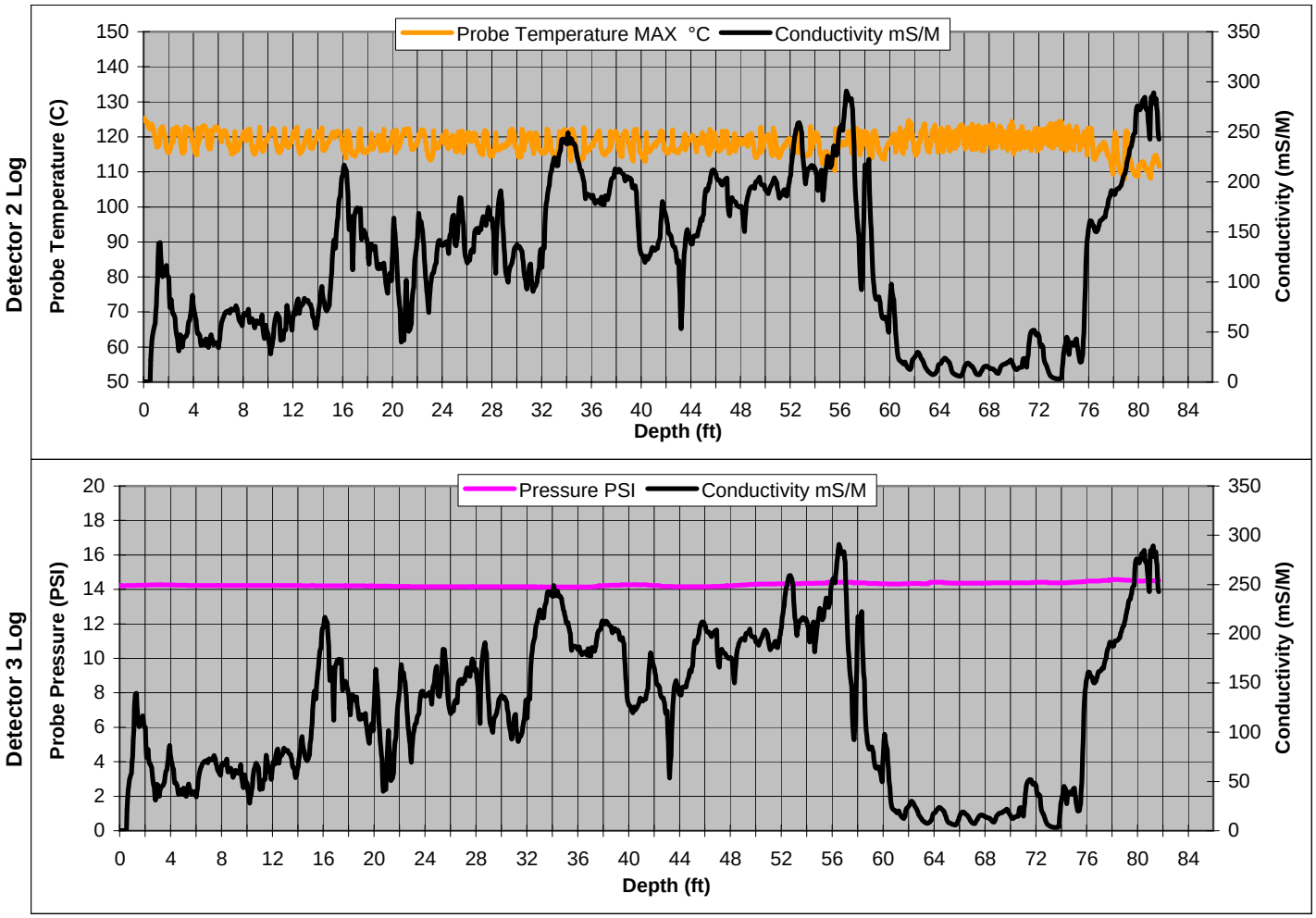
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-20	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 07 2005	Detector 2 :	Photo Ionization (PID)
		Time:	12:08	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

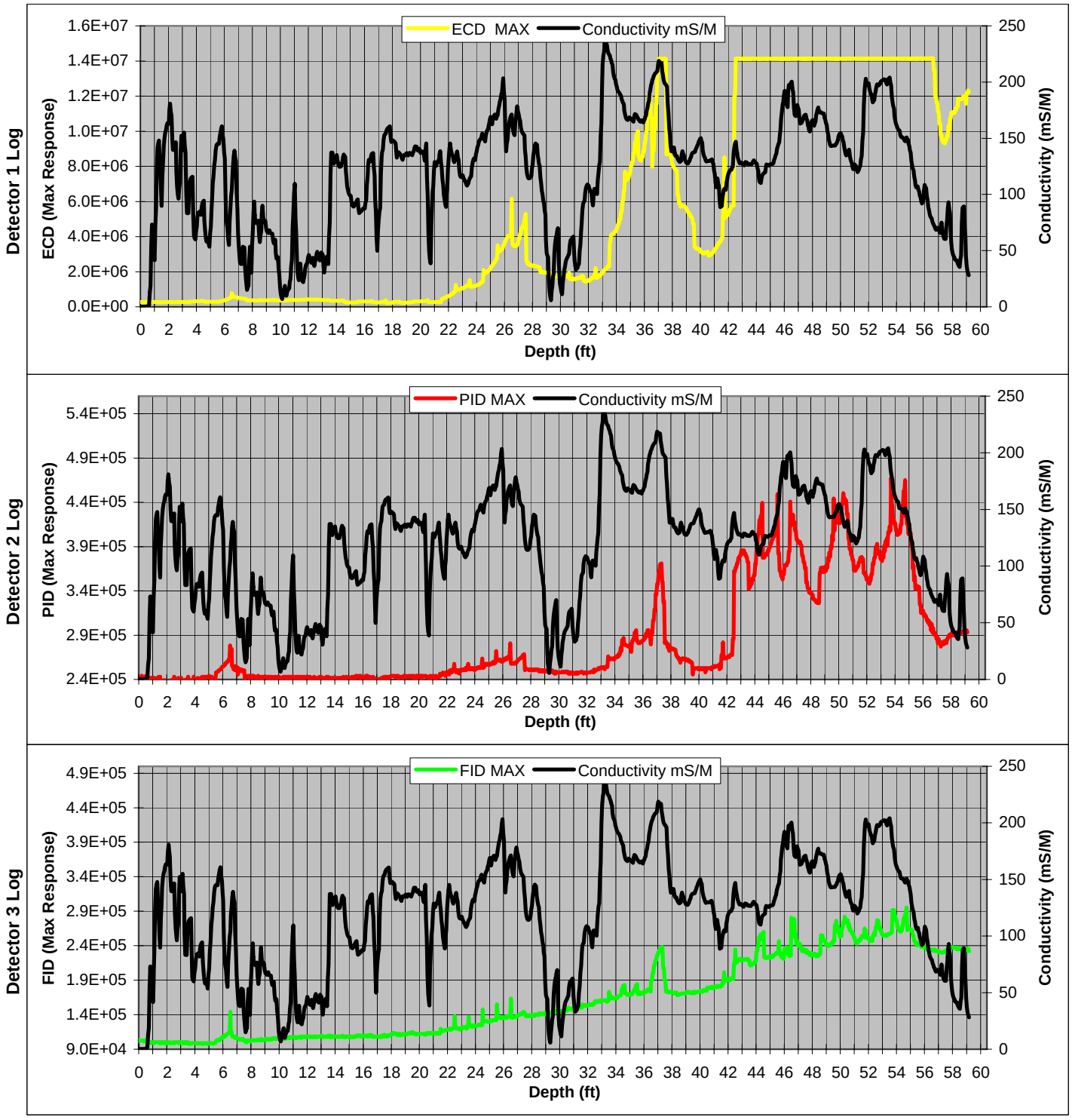
Client:	CDM	Boring I.D.:	MIP-20	Graph 1 :	Probe Temperature (C)
		Date:	Dec 07 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	12:08		



Explanation: Rod broke upon removal.

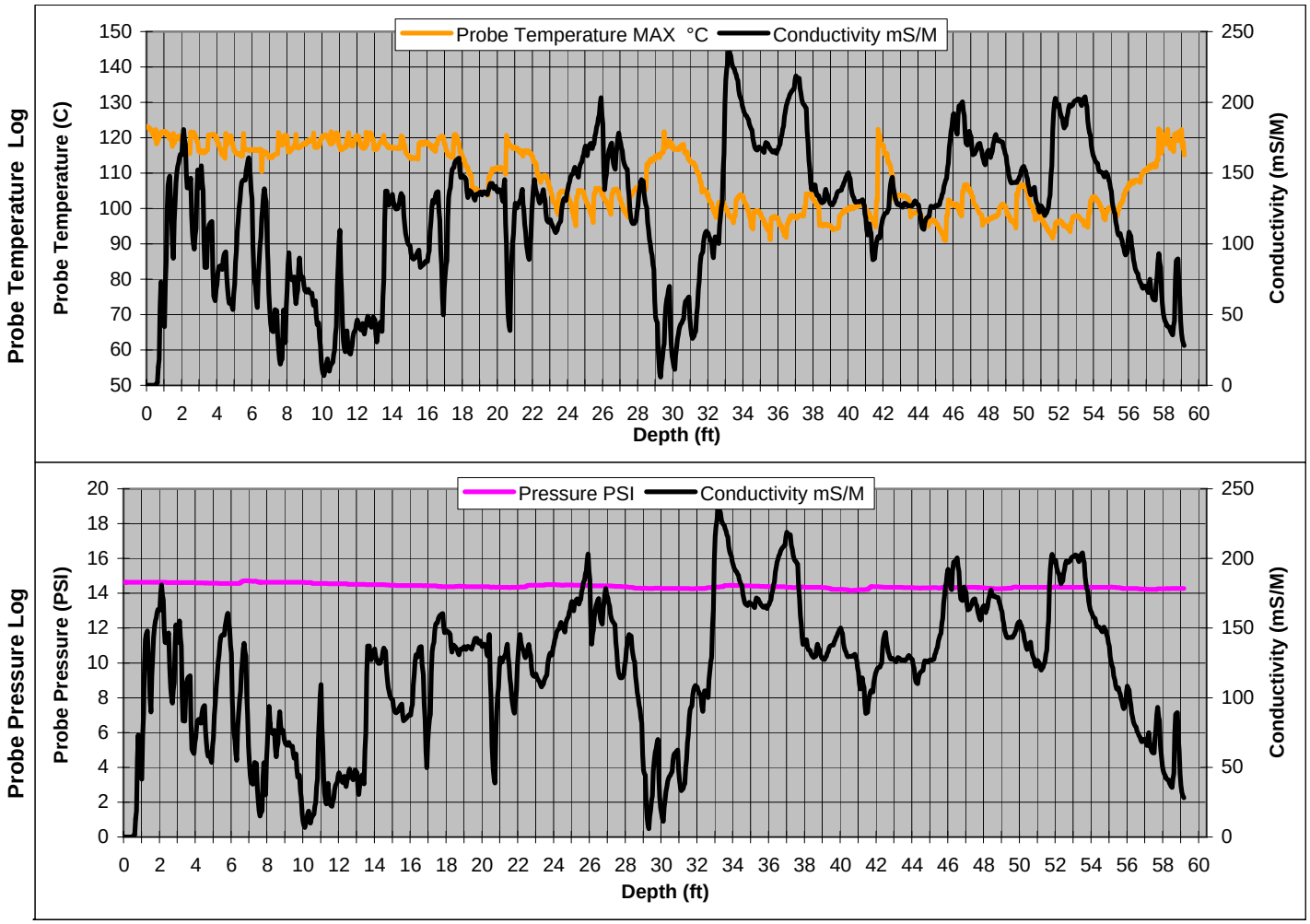
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-21	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 06 2005	Detector 2 :	Photo Ionization (PID)
		Time:	14:41	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

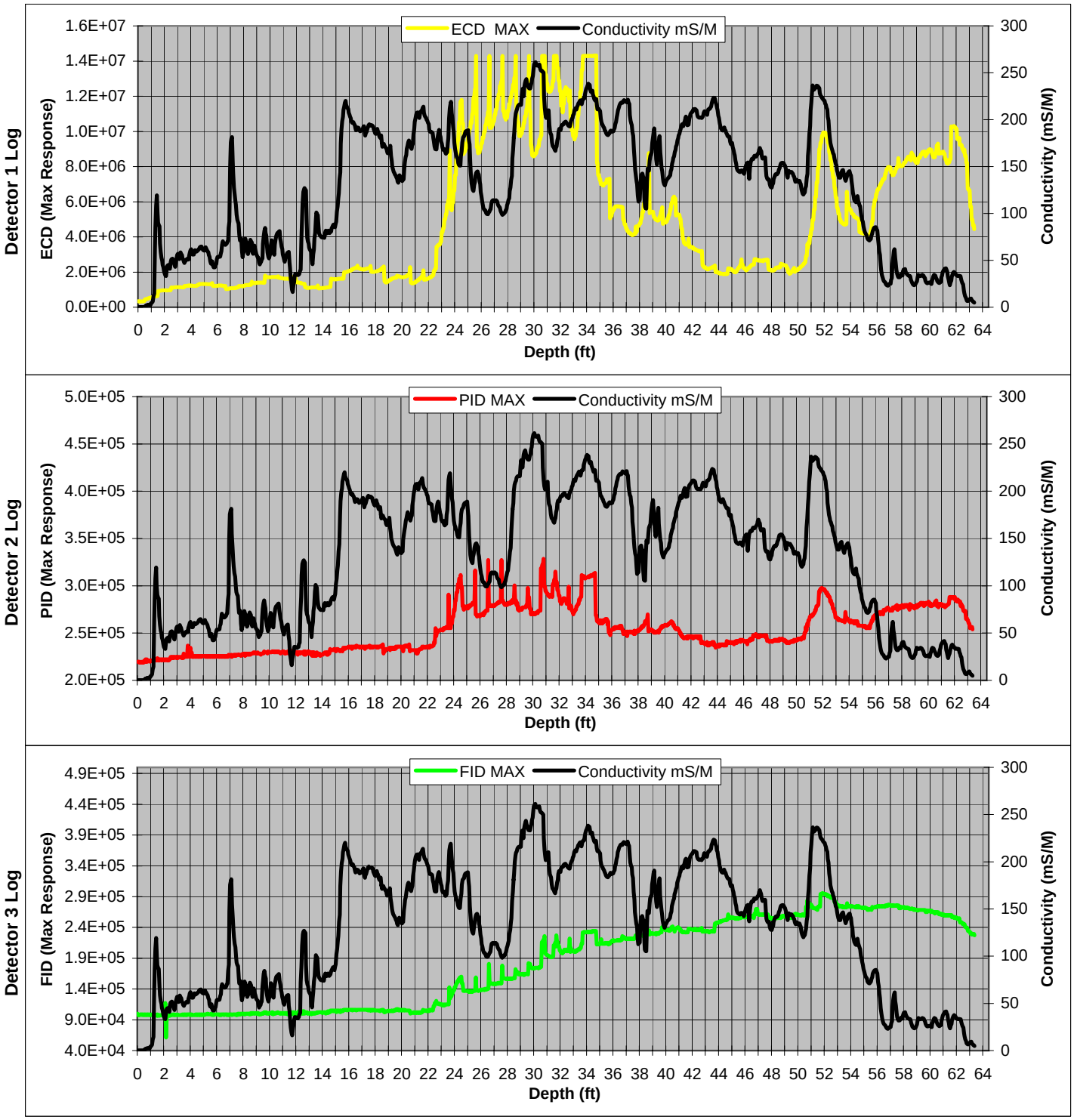
Client:	CDM	Boring I.D.:	MIP-21	Graph 1 :	Probe Temperature (C)
		Date:	Dec 06 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	14:41		



Explanation: Refusal was reached at 59.15 feet bgs.

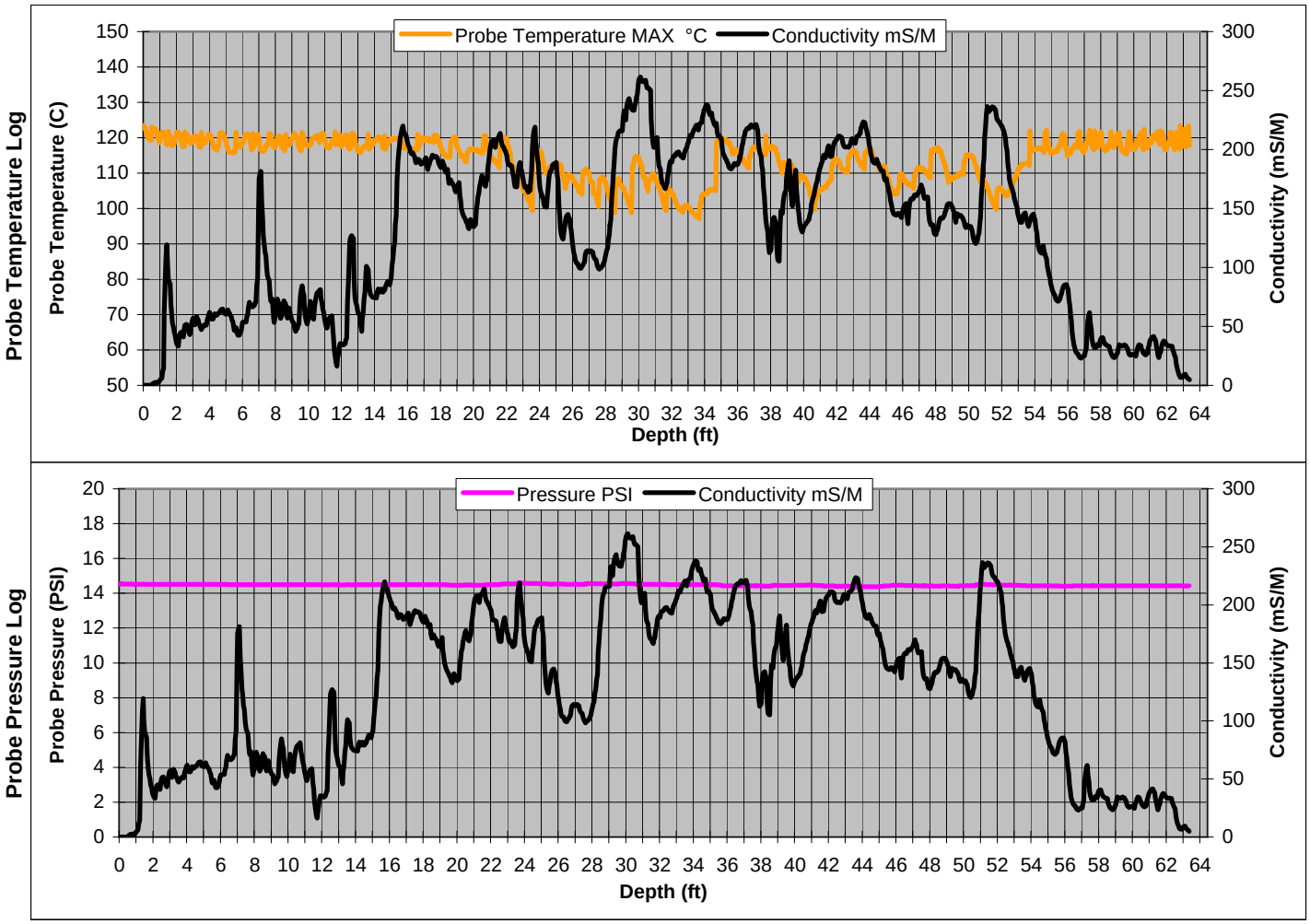
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-22	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 06 2005	Detector 2 :	Photo Ionization (PID)
		Time:	12:09	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

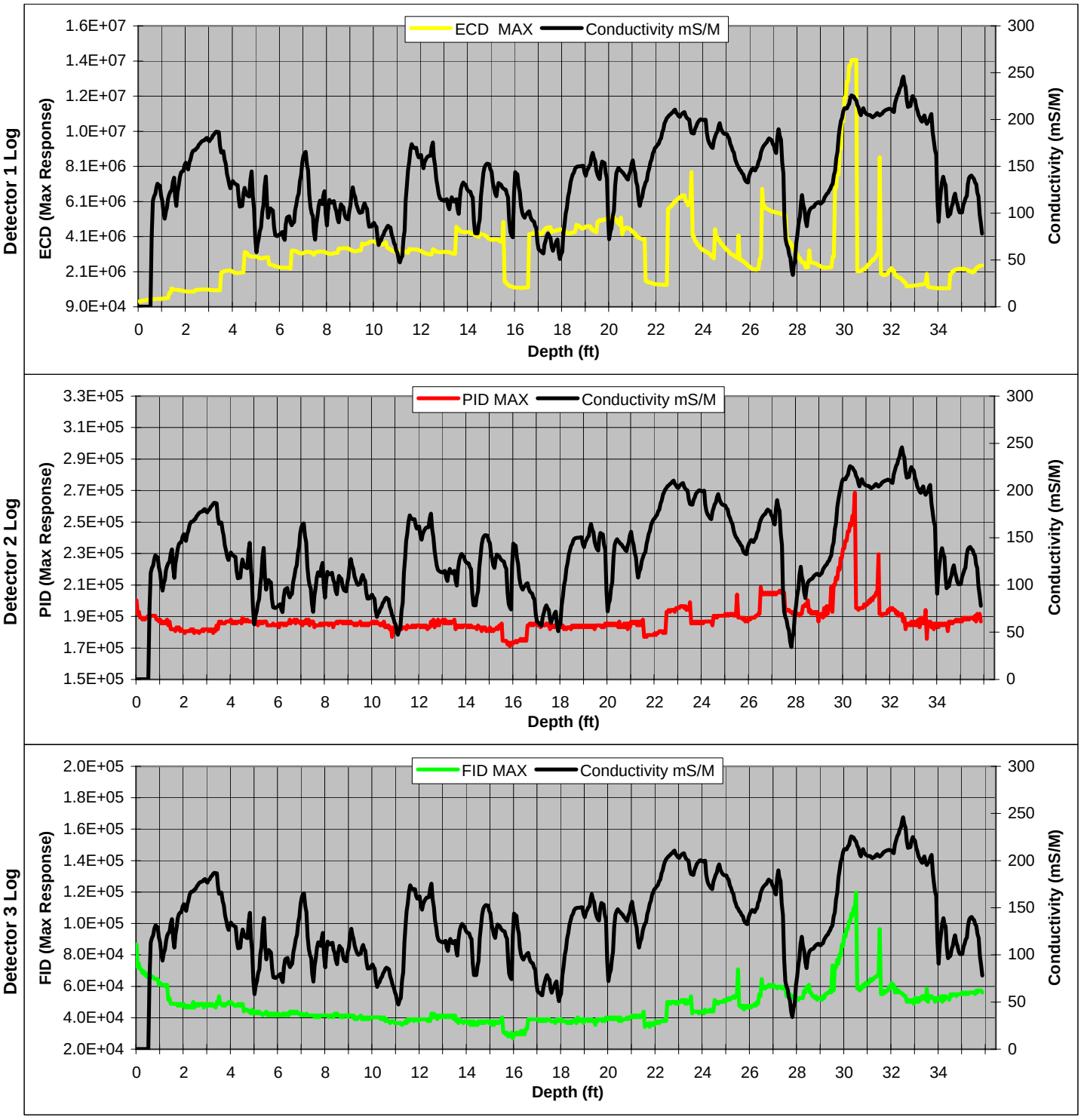
Client:	CDM	Boring I.D.:	MIP-22	Graph 1 :	Probe Temperature (C)
		Date:	Dec 06 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	12:09		



Explanation:

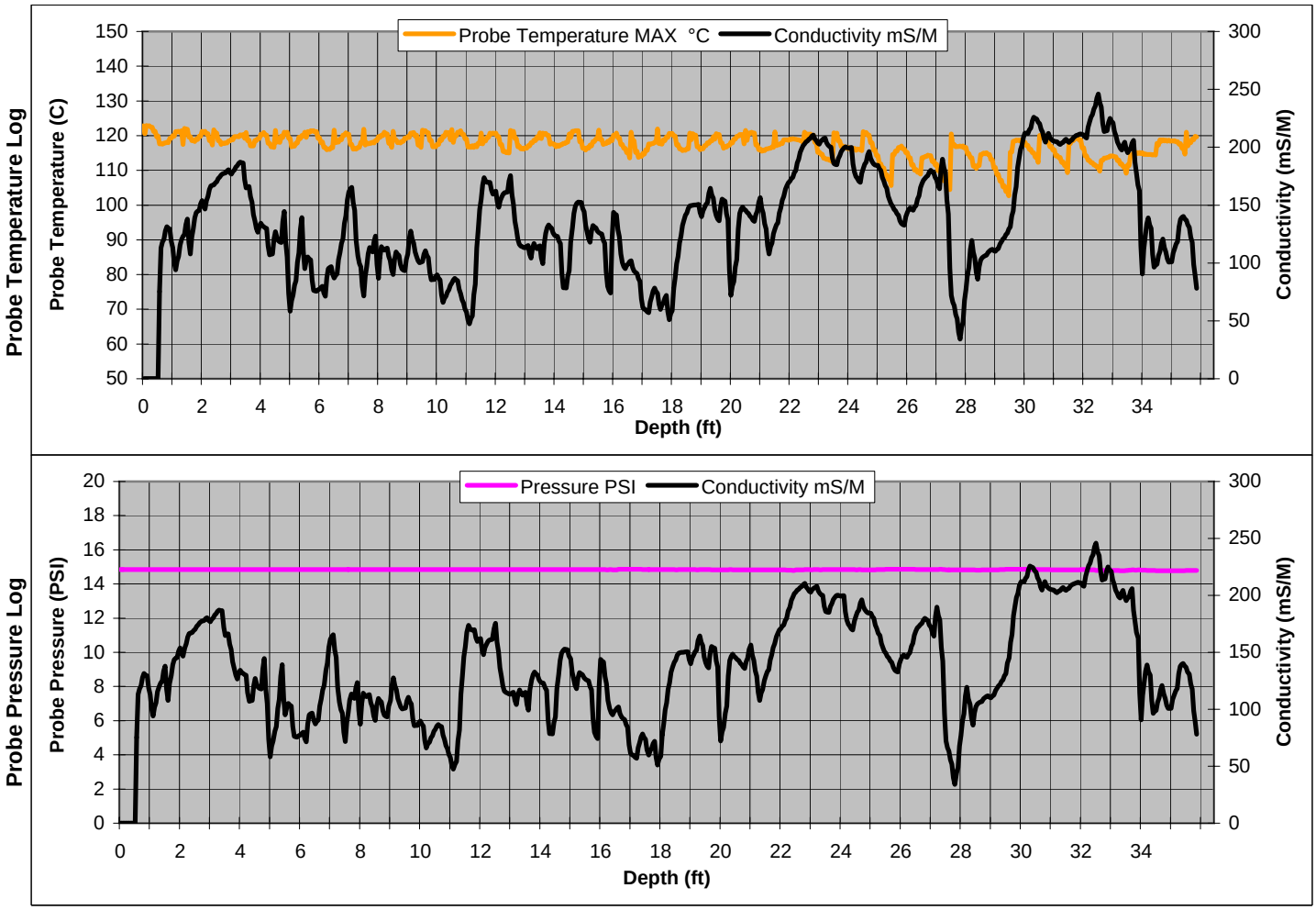
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-23	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 05 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:00	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

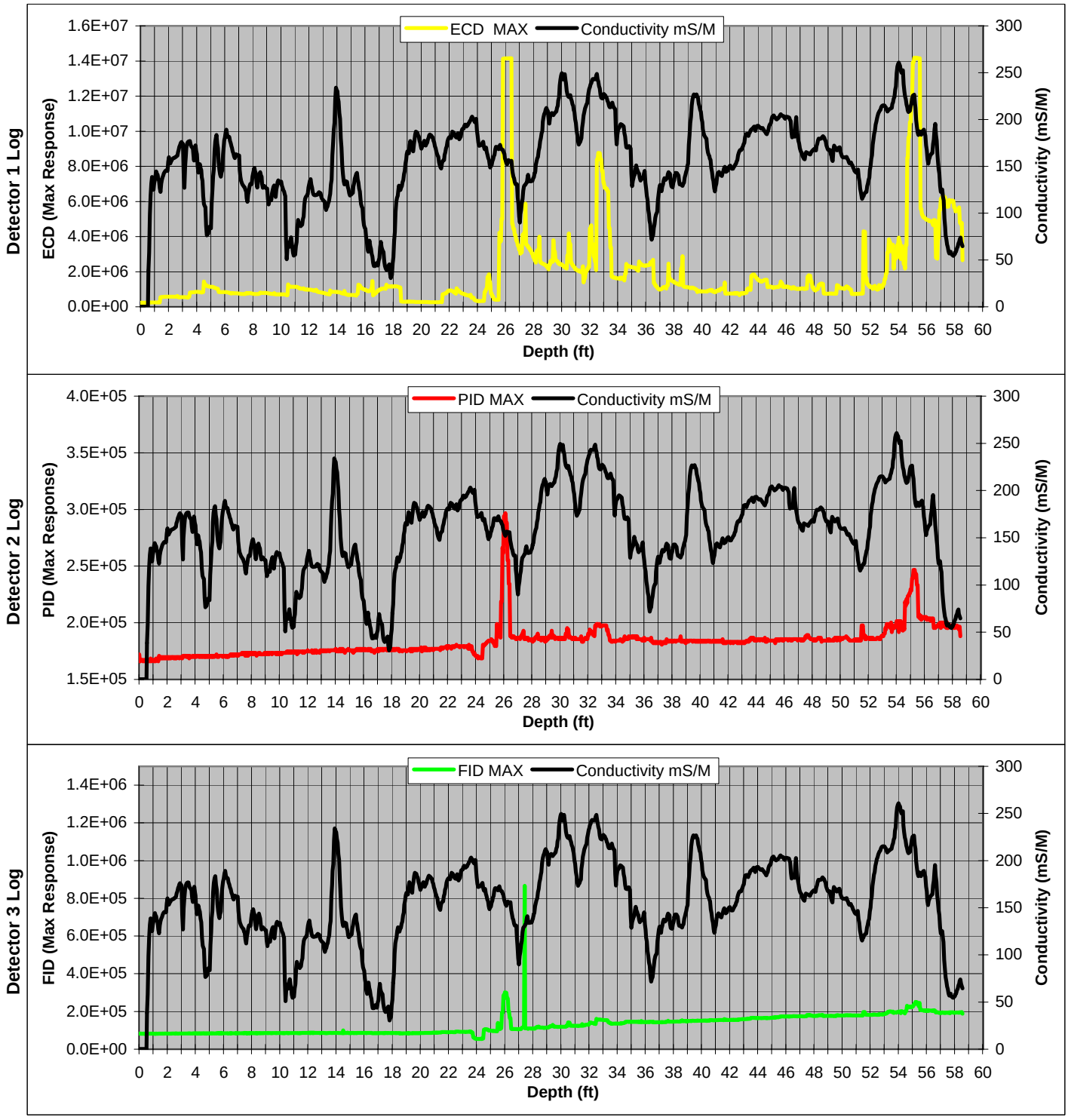
Client:	CDM	Boring I.D.:	MIP-23	Graph 1 :	Probe Temperature (C)
		Date:	Dec 05 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:00		



Explanation: Refusal was reached at 35.85 feet bgs.

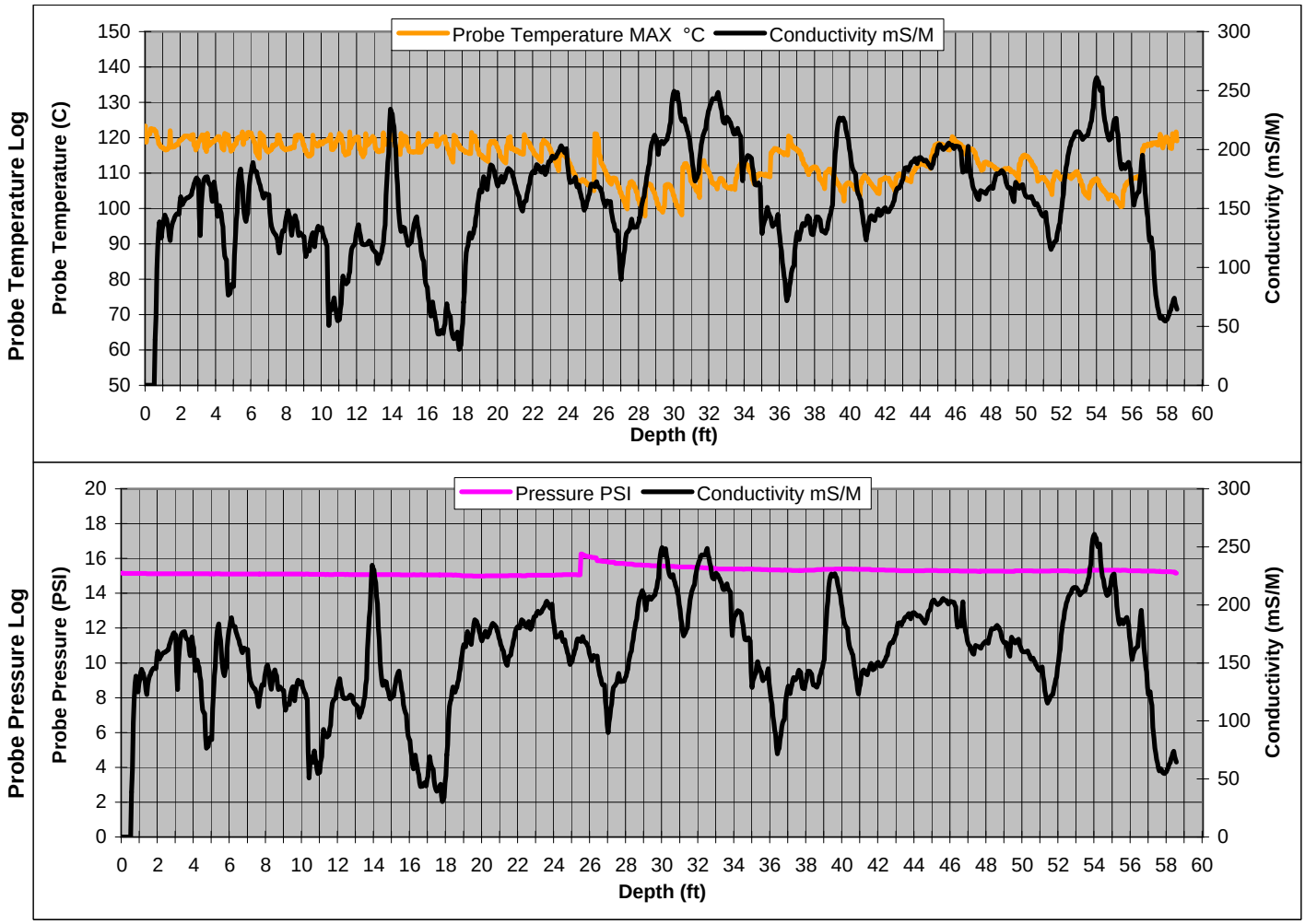
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-24	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 06 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:54	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-24	Graph 1 :	Probe Temperature (C)
		Date:	Dec 06 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:54		



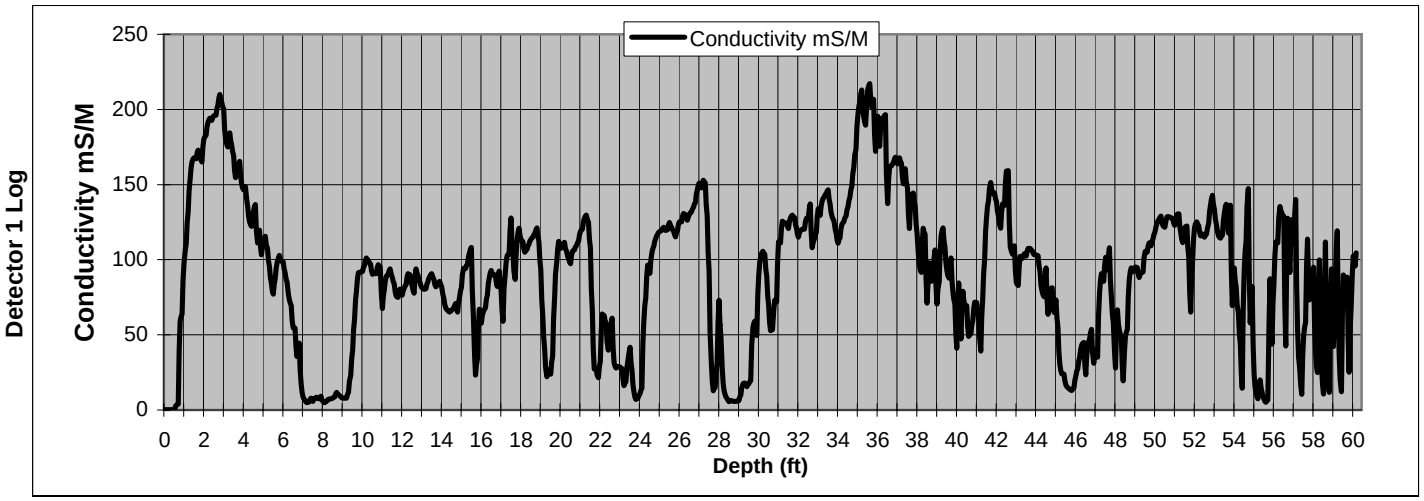
Explanation: Refusal was reached at 58.55 feet bgs.

EC Log Results by Boring - EC Reading vs. Depth

Client: Camp, Dresser & Mckee, Inc.

Boring I.D.: VP-30
Date: Jun 01 2006
Time: 15:59

Detector 1 : Electrical Conductivity (EC)



Explanation: None

PHYSICAL PROPERTIES DATA

PROJECT NAME: n/a
PROJECT NO: 10500-37240-T2.0SS.Field

	METHODOLOGY:	ASTM D2216	SM 2580B	EPA 9081	WALKLEY-BLACK	ASTM D5084	
						25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	REDOX (mV)	CATION EXCHANGE (meq/100g)	TOTAL ORGANIC CARBON (mg/kg)	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (2,3) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (2,3) (cm/s)
GP3A-015	15	v	18.2	260	10.0	2450	0.838	7.89E-07
GP3A-030	30	v	22.6	310	18.0	2900	0.035	3.32E-08
GP3A-057	57	v	35.9	260	11.0	1450	0.227	2.14E-07
GP3A-070	70	v	23.3	300	13.0	1750	0.051	4.66E-08
GP3A-084	84	v	20.8	270	10.0	1400	0.206	1.90E-07
GP2-015	15	v	16.3	260	6.1	1850	0.326	3.01E-07
GP2-033	33	v	17.0	280	10.0	970	0.390	3.62E-07
GP2-045	45	v	19.6	300	13.0	1250	0.042	3.92E-08
GP2-060	60	v	18.8	320	14.0	1500	0.015	1.39E-08
GP2-085	85	v	19.8	300	13.0	1100	0.311	2.92E-07
GP1-015	15	v	25.6	230	8.7	2700	0.461	4.35E-07
GP1-035	35	v	6.1	250	2.6	790	103	9.38E-05
GP1-055	55	v	19.0	290	14.0	2450	0.051	4.72E-08
GP1-070	70	v	24.5	260	14.0	2700	0.125	1.15E-07
GP1-080	80	v	17.4	240	17.0	2100	0.031	2.87E-08

(1) Sample Orientation: H = horizontal; V = vertical (2) Native State = As received with pore fluids in place (3) Permeability to water and conductivity measured at saturated conditions

PTS Laboratories, Inc.

CDM
PTS File No: 33735

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.0SS. Field

Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
GP3A-015	15	Silt	0.026	0.00	0.00	1.85	22.17	53.24	22.73	75.97
GP3A-030	30	Silt	0.024	0.00	0.00	0.46	19.03	58.66	21.84	80.50
GP3A-057	57	Silt	0.029	0.00	0.00	5.96	21.84	50.64	21.56	72.20
GP3A-070	70	Silt	0.020	0.00	0.00	1.78	21.47	52.95	23.81	76.75
GP3A-084	84	Silt	0.026	0.00	0.00	0.50	20.94	55.90	22.65	78.55
GP2-015	15	Silt	0.031	0.00	0.00	3.71	23.54	52.53	20.22	72.75
GP2-033	33	Silt	0.024	0.00	0.00	2.99	18.47	55.23	23.31	78.54
GP2-045	45	Silt	0.026	0.00	0.00	0.98	22.05	54.92	22.05	76.97
GP2-060	60	Silt	0.028	0.00	0.00	2.93	25.13	50.28	21.66	71.94
GP2-085	85	Silt	0.032	0.00	0.00	0.22	24.15	56.43	19.21	75.63
GP1-015	15	Silt	0.023	0.00	0.00	1.92	19.07	55.13	23.88	79.01
GP1-035	35	Medium sand	0.441	0.00	0.00	51.78	34.98	9.89	3.35	13.24
GP1-055	55	Silt	0.013	0.00	0.00	0.00	10.34	59.23	30.43	89.66
GP1-070	70	Silt	0.019	0.00	0.00	0.04	15.27	58.69	26.00	84.69
GP1-080	80	Silt	0.023	0.00	0.00	3.25	21.70	48.44	26.62	75.05

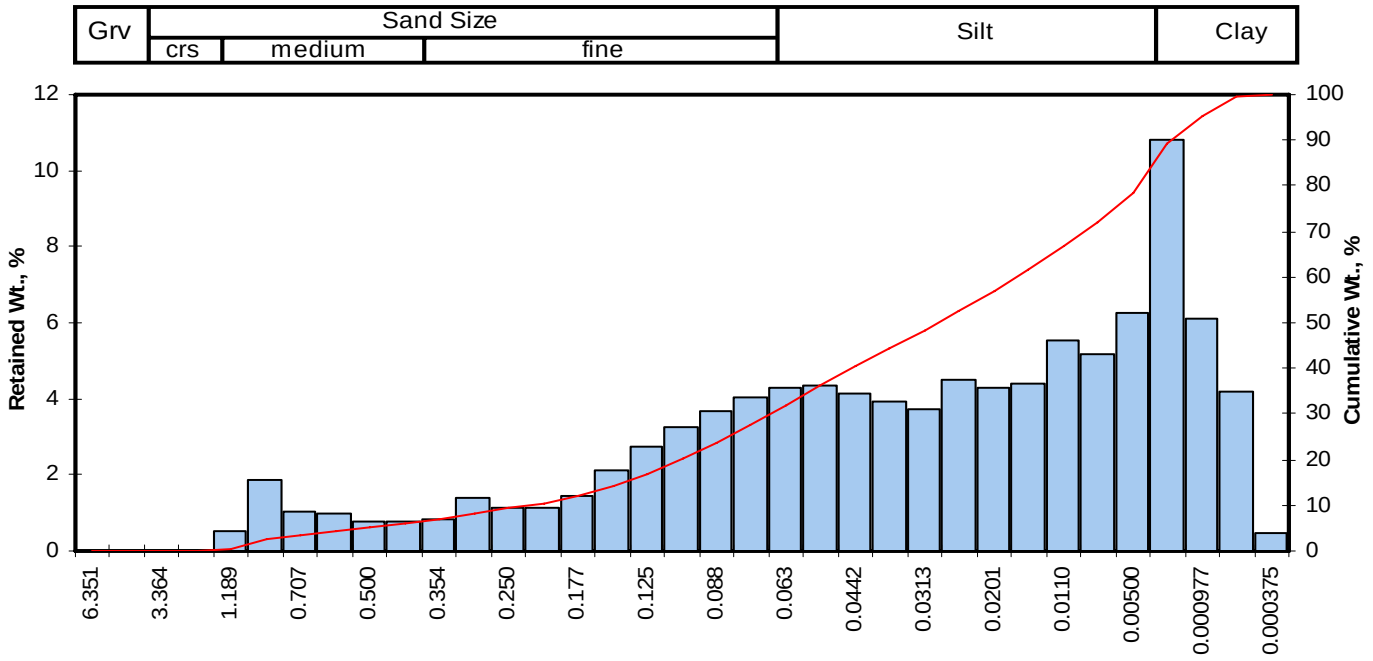
(1) Based on Mean from Trask

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP3A-057
Depth, ft: 57.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.52	0.52	0.52
0.0331	0.841	0.25	20	1.86	1.86	2.38
0.0278	0.707	0.50	25	1.04	1.04	3.42
0.0234	0.595	0.75	30	0.96	0.96	4.38
0.0197	0.500	1.00	35	0.79	0.79	5.17
0.0166	0.420	1.25	40	0.79	0.79	5.96
0.0139	0.354	1.50	45	0.83	0.83	6.79
0.0117	0.297	1.75	50	1.38	1.38	8.17
0.0098	0.250	2.00	60	1.16	1.16	9.33
0.0083	0.210	2.25	70	1.15	1.15	10.48
0.0070	0.177	2.50	80	1.45	1.45	11.93
0.0059	0.149	2.75	100	2.14	2.14	14.07
0.0049	0.125	3.00	120	2.76	2.76	16.83
0.0041	0.105	3.25	140	3.26	3.26	20.09
0.0035	0.088	3.50	170	3.66	3.66	23.75
0.0029	0.074	3.75	200	4.05	4.05	27.80
0.0025	0.063	4.00	230	4.29	4.29	32.09
0.0021	0.053	4.25	270	4.32	4.32	36.41
0.00174	0.0442	4.50	325	4.16	4.16	40.57
0.00146	0.0372	4.75	400	3.93	3.93	44.50
0.00123	0.0313	5.00	450	3.72	3.72	48.22
0.000986	0.0250	5.32	500	4.52	4.52	52.74
0.000790	0.0201	5.64	635	4.30	4.30	57.04
0.000615	0.0156	6.00		4.42	4.42	61.46
0.000435	0.0110	6.50		5.53	5.53	66.99
0.000308	0.00781	7.00		5.17	5.17	72.16
0.000197	0.00500	7.65		6.28	6.28	78.44
0.000077	0.00195	9.00		10.80	10.80	89.24
0.000038	0.000977	10.00		6.12	6.12	95.36
0.000019	0.000488	11.00		4.17	4.17	99.53
0.000015	0.000375	11.38		0.47	0.47	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.95	0.0204	0.519
10	2.15	0.0089	0.226
16	2.92	0.0052	0.132
25	3.58	0.0033	0.084
40	4.47	0.0018	0.045
50	5.13	0.0011	0.029
60	5.88	0.0007	0.017
75	7.29	0.0003	0.006
84	8.34	0.0001	0.003
90	9.12	0.0001	0.002
95	9.94	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.13	5.13	5.13
Median, in.	0.0011	0.0011	0.0011
Median, mm	0.029	0.029	0.029
Mean, phi	4.47	5.63	5.46
Mean, in.	0.0018	0.0008	0.0009
Mean, mm	0.045	0.020	0.023
Sorting	3.623	2.709	2.717
Skewness	0.808	0.187	0.129
Kurtosis	0.173	0.660	0.992

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	5.96
Fine Sand	200	21.84
Silt	>0.005 mm	50.64
Clay	<0.005 mm	21.56
	Total	**100**

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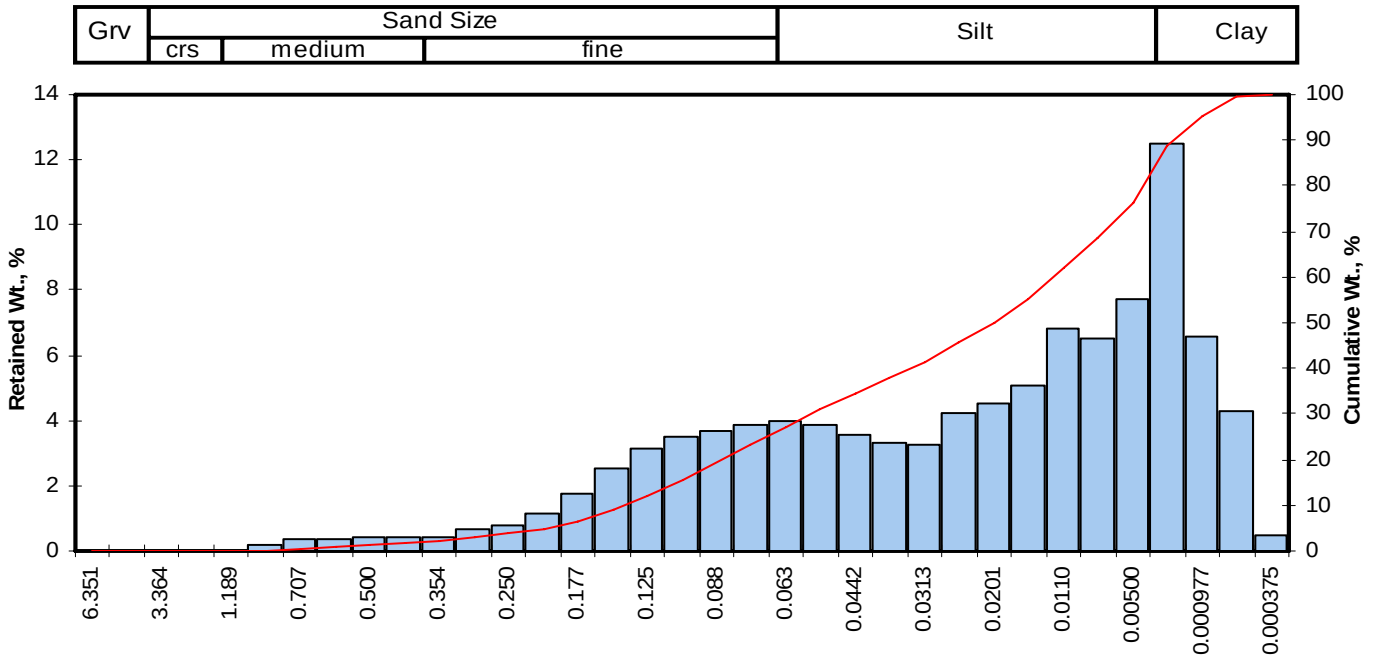
Phone: (562) 907-3607
Fax: (562) 907-3610

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP3A-070
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	70.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.20	0.20	0.20
0.0278	0.707	0.50	25	0.37	0.37	0.57
0.0234	0.595	0.75	30	0.39	0.39	0.96
0.0197	0.500	1.00	35	0.40	0.40	1.36
0.0166	0.420	1.25	40	0.42	0.42	1.78
0.0139	0.354	1.50	45	0.40	0.40	2.18
0.0117	0.297	1.75	50	0.69	0.69	2.87
0.0098	0.250	2.00	60	0.80	0.80	3.67
0.0083	0.210	2.25	70	1.16	1.16	4.83
0.0070	0.177	2.50	80	1.72	1.72	6.55
0.0059	0.149	2.75	100	2.52	2.52	9.07
0.0049	0.125	3.00	120	3.13	3.13	12.20
0.0041	0.105	3.25	140	3.47	3.47	15.67
0.0035	0.088	3.50	170	3.68	3.68	19.36
0.0029	0.074	3.75	200	3.89	3.89	23.25
0.0025	0.063	4.00	230	3.99	3.99	27.24
0.0021	0.053	4.25	270	3.86	3.86	31.10
0.00174	0.0442	4.50	325	3.58	3.58	34.68
0.00146	0.0372	4.75	400	3.33	3.33	38.01
0.00123	0.0313	5.00	450	3.24	3.24	41.25
0.000986	0.0250	5.32	500	4.25	4.25	45.50
0.000790	0.0201	5.64	635	4.52	4.52	50.03
0.000615	0.0156	6.00		5.08	5.08	55.11
0.000435	0.0110	6.50		6.82	6.82	61.93
0.000308	0.00781	7.00		6.52	6.52	68.45
0.000197	0.00500	7.65		7.74	7.74	76.19
0.000077	0.00195	9.00		12.50	12.50	88.70
0.000038	0.000977	10.00		6.55	6.55	95.25
0.000019	0.000488	11.00		4.27	4.27	99.52
0.000015	0.000375	11.38		0.48	0.48	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.27	0.0081	0.207
10	2.82	0.0056	0.141
16	3.27	0.0041	0.104
25	3.86	0.0027	0.069
40	4.90	0.0013	0.033
50	5.64	0.0008	0.020
60	6.36	0.0005	0.012
75	7.55	0.0002	0.005
84	8.49	0.0001	0.003
90	9.20	0.0001	0.002
95	9.96	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.64	5.64	5.64
Median, in.	0.0008	0.0008	0.0008
Median, mm	0.020	0.020	0.020
Mean, phi	4.75	5.88	5.80
Mean, in.	0.0015	0.0007	0.0007
Mean, mm	0.037	0.017	0.018
Sorting	3.587	2.609	2.470
Skewness	0.956	0.093	0.109
Kurtosis	0.228	0.473	0.855
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	1.78
Fine Sand	200	21.47
Silt	>0.005 mm	52.95
Clay	<0.005 mm	23.81
	Total	**100**

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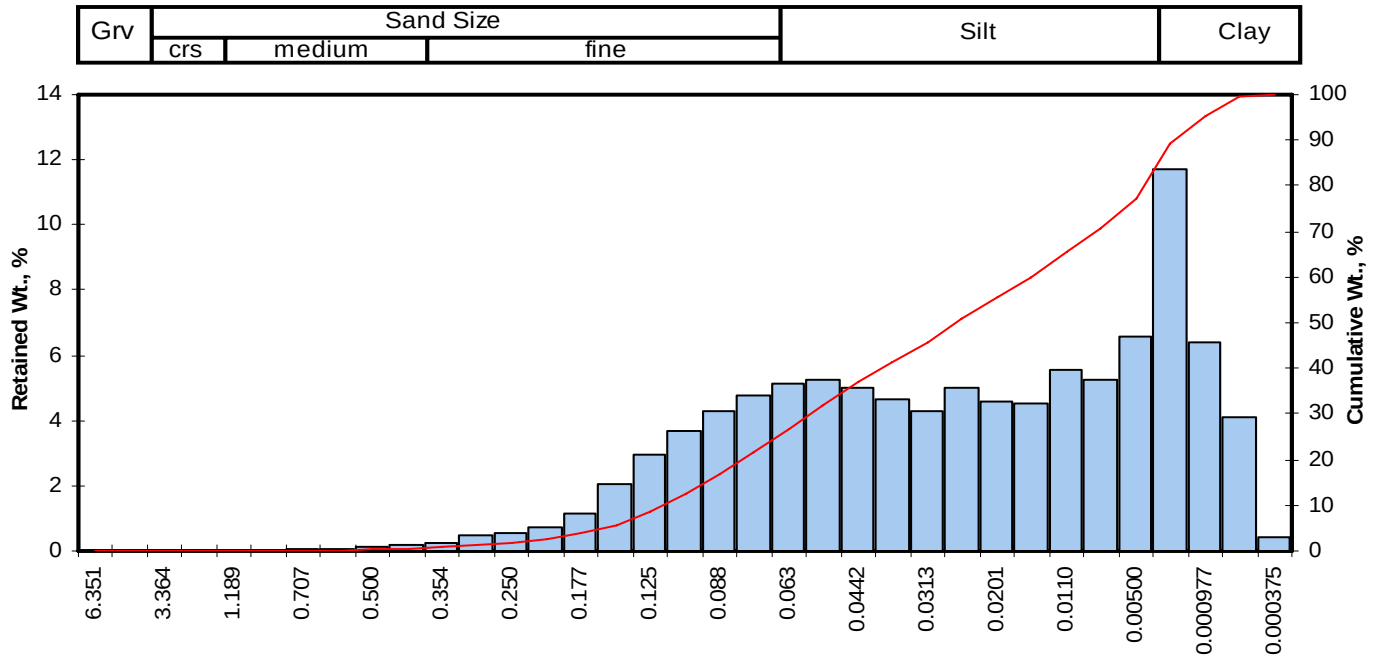
Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP3A-084
Depth, ft: 84.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.02	0.02	0.02
0.0278	0.707	0.50	25	0.04	0.04	0.06
0.0234	0.595	0.75	30	0.09	0.09	0.15
0.0197	0.500	1.00	35	0.15	0.15	0.30
0.0166	0.420	1.25	40	0.20	0.20	0.50
0.0139	0.354	1.50	45	0.24	0.24	0.74
0.0117	0.297	1.75	50	0.50	0.50	1.24
0.0098	0.250	2.00	60	0.57	0.57	1.81
0.0083	0.210	2.25	70	0.74	0.74	2.55
0.0070	0.177	2.50	80	1.16	1.16	3.71
0.0059	0.149	2.75	100	2.03	2.03	5.74
0.0049	0.125	3.00	120	2.96	2.96	8.70
0.0041	0.105	3.25	140	3.71	3.71	12.41
0.0035	0.088	3.50	170	4.27	4.27	16.68
0.0029	0.074	3.75	200	4.77	4.77	21.45
0.0025	0.063	4.00	230	5.15	5.15	26.60
0.0021	0.053	4.25	270	5.25	5.25	31.85
0.00174	0.0442	4.50	325	5.04	5.04	36.89
0.00146	0.0372	4.75	400	4.65	4.65	41.53
0.00123	0.0313	5.00	450	4.27	4.27	45.80
0.000986	0.0250	5.32	500	5.04	5.04	50.84
0.000790	0.0201	5.64	635	4.59	4.59	55.43
0.000615	0.0156	6.00		4.53	4.53	59.96
0.000435	0.0110	6.50		5.56	5.56	65.52
0.000308	0.00781	7.00		5.27	5.27	70.79
0.000197	0.00500	7.65		6.56	6.56	77.35
0.000077	0.00195	9.00		11.70	11.70	89.04
0.000038	0.000977	10.00		6.41	6.41	95.45
0.000019	0.000488	11.00		4.10	4.10	99.55
0.000015	0.000375	11.38		0.45	0.45	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.66	0.0062	0.158
10	3.09	0.0046	0.118
16	3.46	0.0036	0.091
25	3.92	0.0026	0.066
40	4.67	0.0015	0.039
50	5.27	0.0010	0.026
60	6.00	0.0006	0.016
75	7.41	0.0002	0.006
84	8.42	0.0001	0.003
90	9.15	0.0001	0.002
95	9.93	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.27	5.27	5.27
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.026	0.026	0.026
Mean, phi	4.80	5.94	5.71
Mean, in.	0.0014	0.0006	0.0007
Mean, mm	0.036	0.016	0.019
Sorting	3.354	2.478	2.341
Skewness	0.757	0.271	0.277
Kurtosis	0.259	0.467	0.853

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.50
Fine Sand	200	20.94
Silt	>0.005 mm	55.90
Clay	<0.005 mm	22.65
	Total	**100**

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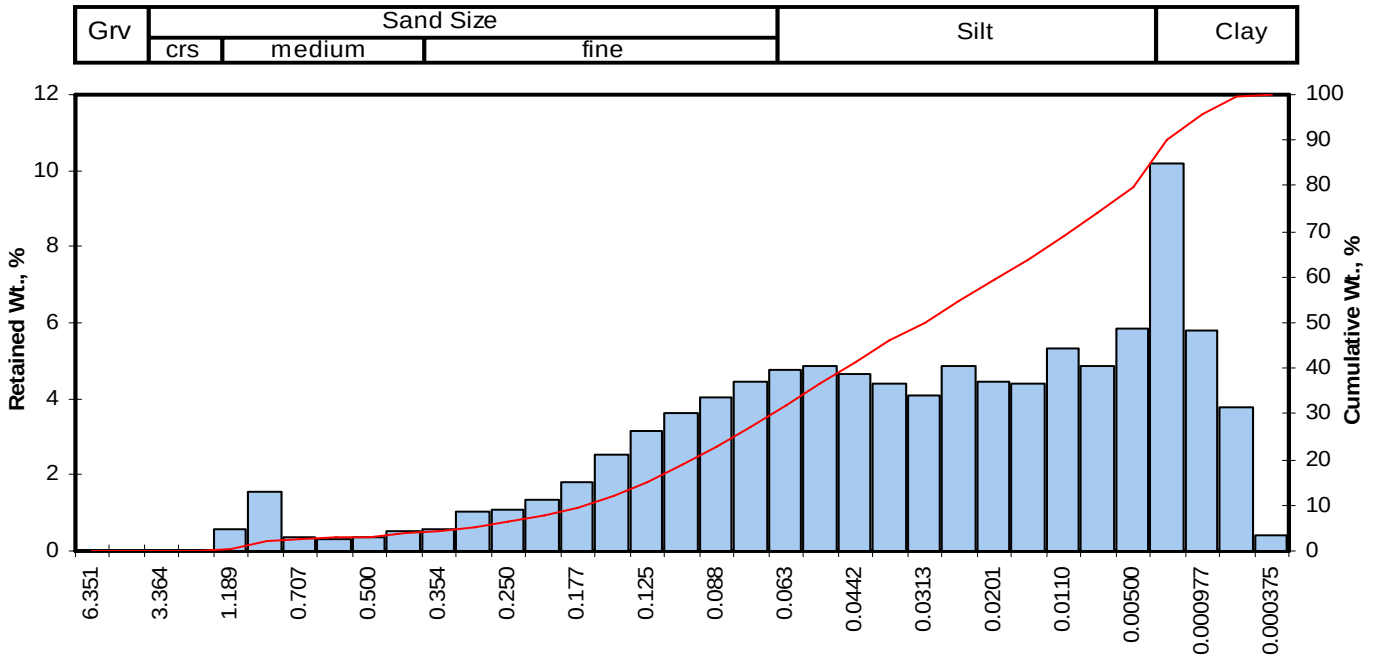
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-015
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	15.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.58	0.58	0.58
0.0331	0.841	0.25	20	1.56	1.56	2.14
0.0278	0.707	0.50	25	0.38	0.38	2.52
0.0234	0.595	0.75	30	0.30	0.30	2.82
0.0197	0.500	1.00	35	0.37	0.37	3.19
0.0166	0.420	1.25	40	0.52	0.52	3.71
0.0139	0.354	1.50	45	0.58	0.58	4.29
0.0117	0.297	1.75	50	1.03	1.03	5.32
0.0098	0.250	2.00	60	1.07	1.07	6.39
0.0083	0.210	2.25	70	1.34	1.34	7.73
0.0070	0.177	2.50	80	1.80	1.80	9.53
0.0059	0.149	2.75	100	2.51	2.51	12.04
0.0049	0.125	3.00	120	3.13	3.13	15.17
0.0041	0.105	3.25	140	3.61	3.61	18.78
0.0035	0.088	3.50	170	4.02	4.02	22.80
0.0029	0.074	3.75	200	4.45	4.45	27.25
0.0025	0.063	4.00	230	4.76	4.76	32.01
0.0021	0.053	4.25	270	4.84	4.84	36.85
0.00174	0.0442	4.50	325	4.68	4.68	41.53
0.00146	0.0372	4.75	400	4.40	4.40	45.93
0.00123	0.0313	5.00	450	4.10	4.10	50.03
0.000986	0.0250	5.32	500	4.87	4.87	54.90
0.000790	0.0201	5.64	635	4.46	4.46	59.36
0.000615	0.0156	6.00		4.40	4.40	63.76
0.000435	0.0110	6.50		5.31	5.31	69.07
0.000308	0.00781	7.00		4.86	4.86	73.93
0.000197	0.00500	7.65		5.85	5.85	79.78
0.000077	0.00195	9.00		10.20	10.20	89.98
0.000038	0.000977	10.00		5.80	5.80	95.78
0.000019	0.000488	11.00		3.80	3.80	99.58
0.000015	0.000375	11.38		0.42	0.42	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.67	0.0124	0.314
10	2.55	0.0067	0.171
16	3.06	0.0047	0.120
25	3.62	0.0032	0.081
40	4.42	0.0018	0.047
50	5.00	0.0012	0.031
60	5.69	0.0008	0.019
75	7.12	0.0003	0.007
84	8.21	0.0001	0.003
90	9.00	0.0001	0.002
95	9.87	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.00	5.00	5.00
Median, in.	0.0012	0.0012	0.0012
Median, mm	0.031	0.031	0.031
Mean, phi	4.50	5.63	5.42
Mean, in.	0.0017	0.0008	0.0009
Mean, mm	0.044	0.020	0.023
Sorting	3.357	2.574	2.528
Skewness	0.772	0.246	0.217
Kurtosis	0.218	0.591	0.961
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	3.71
Fine Sand	200	23.54
Silt	>0.005 mm	52.53
Clay	<0.005 mm	20.22
	Total	**100**

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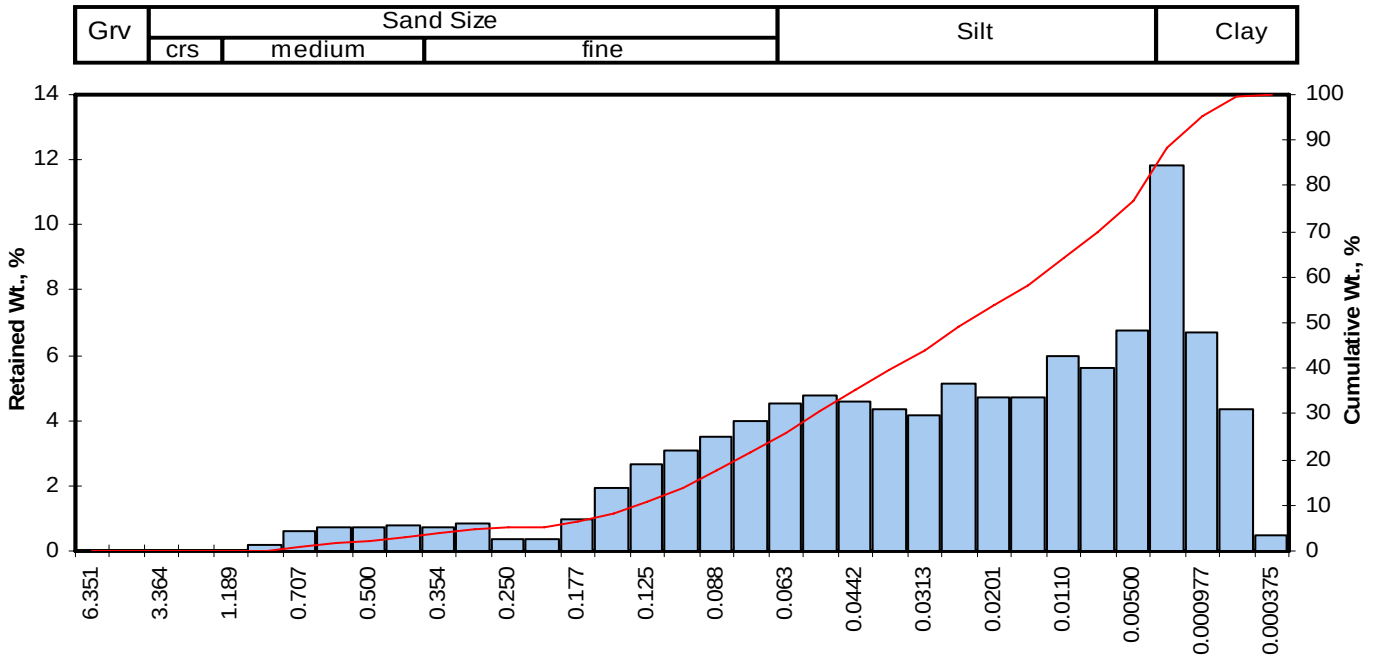
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-033
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	33.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.20	0.20	0.20
0.0278	0.707	0.50	25	0.58	0.58	0.78
0.0234	0.595	0.75	30	0.74	0.74	1.52
0.0197	0.500	1.00	35	0.70	0.70	2.22
0.0166	0.420	1.25	40	0.77	0.77	2.99
0.0139	0.354	1.50	45	0.74	0.74	3.73
0.0117	0.297	1.75	50	0.86	0.86	4.59
0.0098	0.250	2.00	60	0.37	0.37	4.96
0.0083	0.210	2.25	70	0.37	0.37	5.33
0.0070	0.177	2.50	80	0.95	0.95	6.28
0.0059	0.149	2.75	100	1.96	1.96	8.24
0.0049	0.125	3.00	120	2.66	2.66	10.90
0.0041	0.105	3.25	140	3.09	3.09	13.99
0.0035	0.088	3.50	170	3.47	3.47	17.46
0.0029	0.074	3.75	200	4.00	4.00	21.46
0.0025	0.063	4.00	230	4.52	4.52	25.98
0.0021	0.053	4.25	270	4.74	4.74	30.72
0.00174	0.0442	4.50	325	4.61	4.61	35.33
0.00146	0.0372	4.75	400	4.37	4.37	39.70
0.00123	0.0313	5.00	450	4.19	4.19	43.89
0.000986	0.0250	5.32	500	5.12	5.12	49.01
0.000790	0.0201	5.64	635	4.69	4.69	53.70
0.000615	0.0156	6.00		4.69	4.69	58.39
0.000435	0.0110	6.50		5.97	5.97	64.36
0.000308	0.00781	7.00		5.59	5.59	69.95
0.000197	0.00500	7.65		6.74	6.74	76.69
0.000077	0.00195	9.00		11.80	11.80	88.49
0.000038	0.000977	10.00		6.72	6.72	95.21
0.000019	0.000488	11.00		4.32	4.32	99.53
0.000015	0.000375	11.38		0.47	0.47	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.03	0.0097	0.245
10	2.92	0.0052	0.133
16	3.39	0.0037	0.095
25	3.95	0.0026	0.065
40	4.77	0.0014	0.037
50	5.39	0.0009	0.024
60	6.13	0.0006	0.014
75	7.48	0.0002	0.006
84	8.48	0.0001	0.003
90	9.22	0.0001	0.002
95	9.97	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.39	5.39	5.39
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.024	0.024	0.024
Mean, phi	4.83	5.94	5.76
Mean, in.	0.0014	0.0006	0.0007
Mean, mm	0.035	0.016	0.019
Sorting	3.408	2.545	2.476
Skewness	0.797	0.217	0.185
Kurtosis	0.227	0.560	0.920

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	2.99
Fine Sand	200	18.47
Silt	>0.005 mm	55.23
Clay	<0.005 mm	23.31
	Total	**100**

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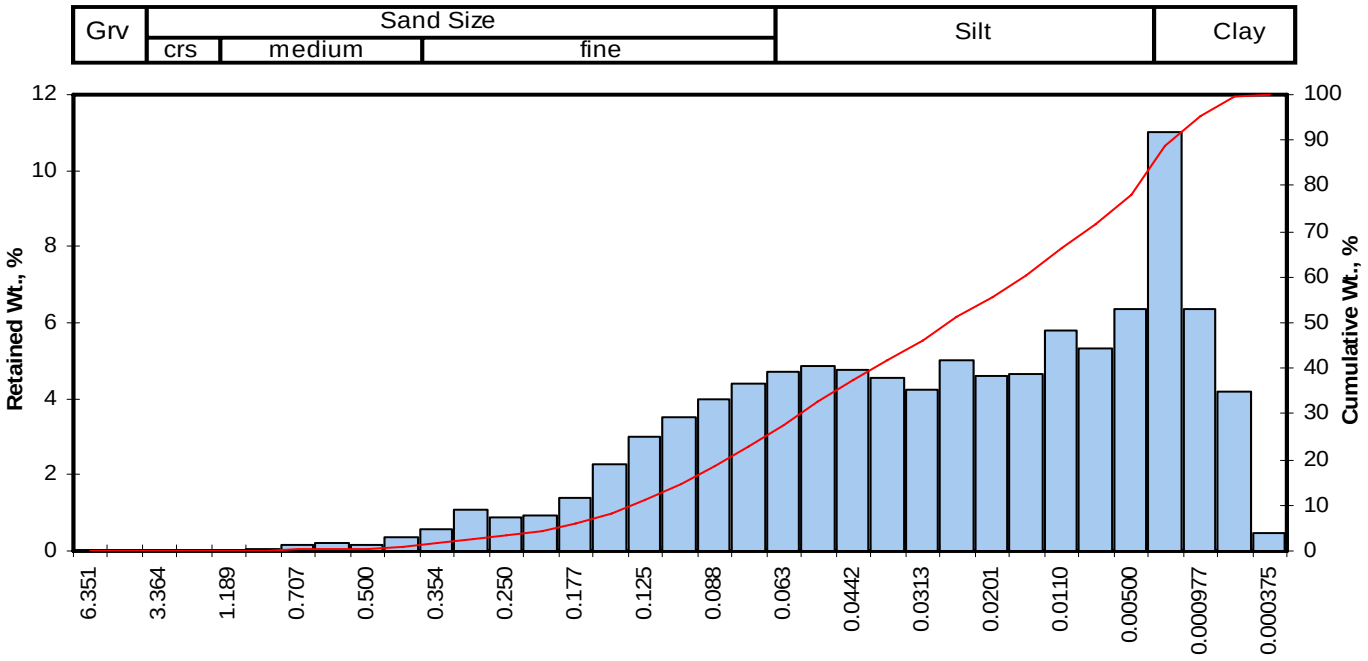
Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP2-045
Depth, ft: 45.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.06	0.06	0.06
0.0278	0.707	0.50	25	0.18	0.18	0.24
0.0234	0.595	0.75	30	0.20	0.20	0.44
0.0197	0.500	1.00	35	0.18	0.18	0.62
0.0166	0.420	1.25	40	0.36	0.36	0.98
0.0139	0.354	1.50	45	0.58	0.58	1.56
0.0117	0.297	1.75	50	1.08	1.08	2.64
0.0098	0.250	2.00	60	0.89	0.89	3.53
0.0083	0.210	2.25	70	0.94	0.94	4.47
0.0070	0.177	2.50	80	1.38	1.38	5.85
0.0059	0.149	2.75	100	2.25	2.25	8.11
0.0049	0.125	3.00	120	2.99	2.99	11.10
0.0041	0.105	3.25	140	3.54	3.54	14.64
0.0035	0.088	3.50	170	3.98	3.98	18.62
0.0029	0.074	3.75	200	4.41	4.41	23.03
0.0025	0.063	4.00	230	4.72	4.72	27.76
0.0021	0.053	4.25	270	4.85	4.85	32.61
0.00174	0.0442	4.50	325	4.77	4.77	37.38
0.00146	0.0372	4.75	400	4.53	4.53	41.91
0.00123	0.0313	5.00	450	4.23	4.23	46.14
0.000986	0.0250	5.32	500	5.02	5.02	51.17
0.000790	0.0201	5.64	635	4.62	4.62	55.79
0.000615	0.0156	6.00		4.65	4.65	60.44
0.000435	0.0110	6.50		5.78	5.78	66.22
0.000308	0.00781	7.00		5.34	5.34	71.57
0.000197	0.00500	7.65		6.38	6.38	77.95
0.000077	0.00195	9.00		11.00	11.01	88.95
0.000038	0.000977	10.00		6.38	6.38	95.34
0.000019	0.000488	11.00		4.20	4.20	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	2.35	0.0077	0.197
10	2.91	0.0052	0.133
16	3.34	0.0039	0.099
25	3.85	0.0027	0.069
40	4.64	0.0016	0.040
50	5.25	0.0010	0.026
60	5.97	0.0006	0.016
75	7.35	0.0002	0.006
84	8.39	0.0001	0.003
90	9.16	0.0001	0.002
95	9.95	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.25	5.25	5.25
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.026	0.026	0.026
Mean, phi	4.73	5.86	5.66
Mean, in.	0.0015	0.0007	0.0008
Mean, mm	0.038	0.017	0.020
Sorting	3.355	2.527	2.415
Skewness	0.782	0.244	0.241
Kurtosis	0.240	0.504	0.892

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.98
Fine Sand	200	22.05
Silt	>0.005 mm	54.92
Clay	<0.005 mm	22.05
	Total	**100**

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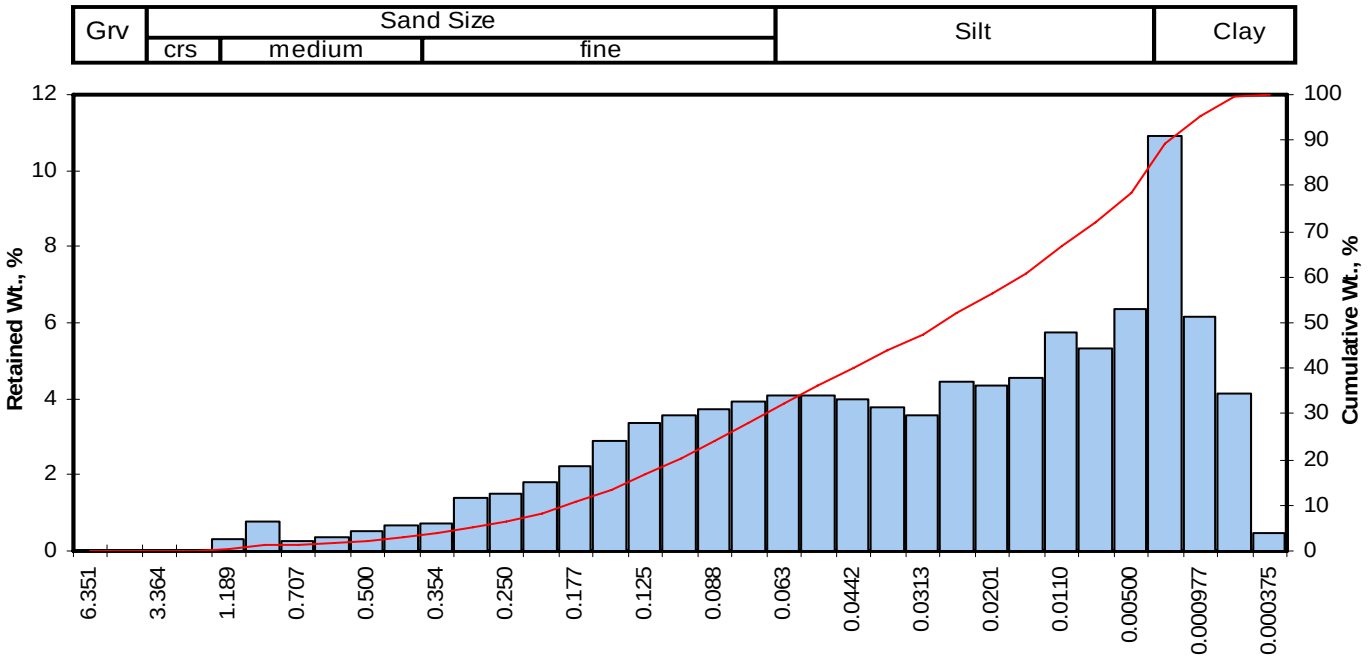
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-060
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	60.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.32	0.32	0.32
0.0331	0.841	0.25	20	0.80	0.80	1.12
0.0278	0.707	0.50	25	0.26	0.26	1.38
0.0234	0.595	0.75	30	0.35	0.35	1.73
0.0197	0.500	1.00	35	0.51	0.51	2.24
0.0166	0.420	1.25	40	0.69	0.69	2.93
0.0139	0.354	1.50	45	0.75	0.75	3.68
0.0117	0.297	1.75	50	1.38	1.38	5.06
0.0098	0.250	2.00	60	1.49	1.49	6.55
0.0083	0.210	2.25	70	1.81	1.81	8.36
0.0070	0.177	2.50	80	2.24	2.24	10.60
0.0059	0.149	2.75	100	2.89	2.89	13.49
0.0049	0.125	3.00	120	3.35	3.35	16.84
0.0041	0.105	3.25	140	3.59	3.59	20.43
0.0035	0.088	3.50	170	3.72	3.72	24.15
0.0029	0.074	3.75	200	3.91	3.91	28.06
0.0025	0.063	4.00	230	4.08	4.08	32.14
0.0021	0.053	4.25	270	4.11	4.11	36.25
0.00174	0.0442	4.50	325	3.97	3.97	40.22
0.00146	0.0372	4.75	400	3.76	3.76	43.98
0.00123	0.0313	5.00	450	3.59	3.59	47.57
0.000986	0.0250	5.32	500	4.46	4.46	52.02
0.000790	0.0201	5.64	635	4.35	4.35	56.37
0.000615	0.0156	6.00		4.55	4.55	60.92
0.000435	0.0110	6.50		5.75	5.75	66.67
0.000308	0.00781	7.00		5.32	5.32	71.99
0.000197	0.00500	7.65		6.35	6.35	78.34
0.000077	0.00195	9.00		10.90	10.90	89.24
0.000038	0.000977	10.00		6.16	6.16	95.40
0.000019	0.000488	11.00		4.14	4.14	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.74	0.0118	0.300
10	2.43	0.0073	0.185
16	2.94	0.0051	0.131
25	3.55	0.0034	0.085
40	4.49	0.0018	0.045
50	5.17	0.0011	0.028
60	5.93	0.0006	0.016
75	7.31	0.0002	0.006
84	8.35	0.0001	0.003
90	9.12	0.0001	0.002
95	9.93	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.17	5.17	5.17
Median, in.	0.0011	0.0011	0.0011
Median, mm	0.028	0.028	0.028
Mean, phi	4.45	5.64	5.49
Mean, in.	0.0018	0.0008	0.0009
Mean, mm	0.046	0.020	0.022
Sorting	3.669	2.705	2.595
Skewness	0.838	0.173	0.167
Kurtosis	0.215	0.515	0.895

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	2.93
Fine Sand	200	25.13
Silt	>0.005 mm	50.28
Clay	<0.005 mm	21.66
	Total	**100**

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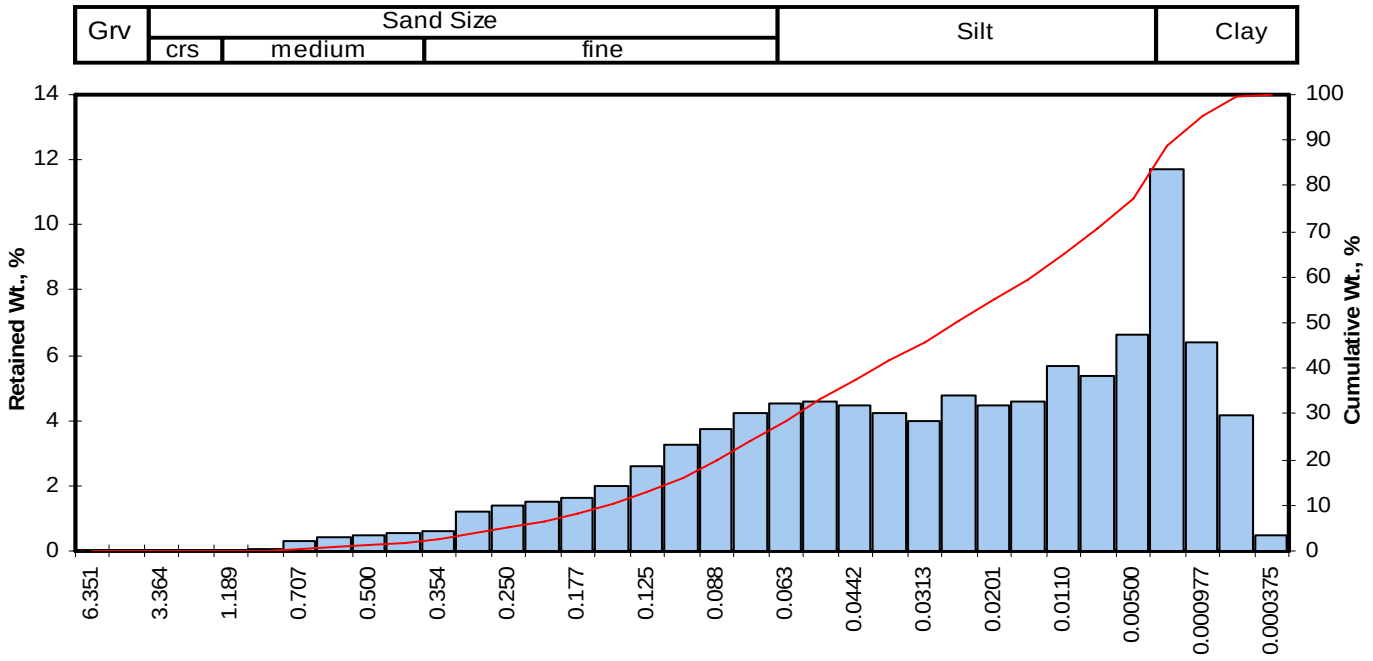
Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP3A-015
Depth, ft: 15.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.07	0.07	0.07
0.0278	0.707	0.50	25	0.28	0.28	0.35
0.0234	0.595	0.75	30	0.45	0.45	0.80
0.0197	0.500	1.00	35	0.50	0.50	1.30
0.0166	0.420	1.25	40	0.55	0.55	1.85
0.0139	0.354	1.50	45	0.60	0.60	2.45
0.0117	0.297	1.75	50	1.23	1.23	3.68
0.0098	0.250	2.00	60	1.38	1.38	5.06
0.0083	0.210	2.25	70	1.51	1.51	6.58
0.0070	0.177	2.50	80	1.61	1.61	8.19
0.0059	0.149	2.75	100	2.02	2.02	10.21
0.0049	0.125	3.00	120	2.62	2.62	12.83
0.0041	0.105	3.25	140	3.24	3.24	16.07
0.0035	0.088	3.50	170	3.75	3.75	19.82
0.0029	0.074	3.75	200	4.21	4.21	24.03
0.0025	0.063	4.00	230	4.50	4.50	28.53
0.0021	0.053	4.25	270	4.57	4.57	33.10
0.00174	0.0442	4.50	325	4.45	4.45	37.55
0.00146	0.0372	4.75	400	4.22	4.22	41.77
0.00123	0.0313	5.00	450	3.96	3.96	45.73
0.000986	0.0250	5.32	500	4.76	4.76	50.49
0.000790	0.0201	5.64	635	4.49	4.49	54.98
0.000615	0.0156	6.00		4.56	4.56	59.54
0.000435	0.0110	6.50		5.69	5.69	65.23
0.000308	0.00781	7.00		5.38	5.38	70.62
0.000197	0.00500	7.65		6.65	6.65	77.27
0.000077	0.00195	9.00		11.70	11.70	88.97
0.000038	0.000977	10.00		6.40	6.40	95.37
0.000019	0.000488	11.00		4.17	4.17	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.99	0.0099	0.252
10	2.72	0.0060	0.151
16	3.24	0.0042	0.105
25	3.80	0.0028	0.072
40	4.65	0.0016	0.040
50	5.29	0.0010	0.026
60	6.04	0.0006	0.015
75	7.43	0.0002	0.006
84	8.42	0.0001	0.003
90	9.16	0.0001	0.002
95	9.94	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.29	5.29	5.29
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.026	0.026	0.026
Mean, phi	4.69	5.83	5.65
Mean, in.	0.0015	0.0007	0.0008
Mean, mm	0.039	0.018	0.020
Sorting	3.508	2.590	2.500
Skewness	0.797	0.212	0.191
Kurtosis	0.220	0.536	0.900

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	1.85
Fine Sand	200	22.17
Silt	>0.005 mm	53.24
Clay	<0.005 mm	22.73
	Total	**100**

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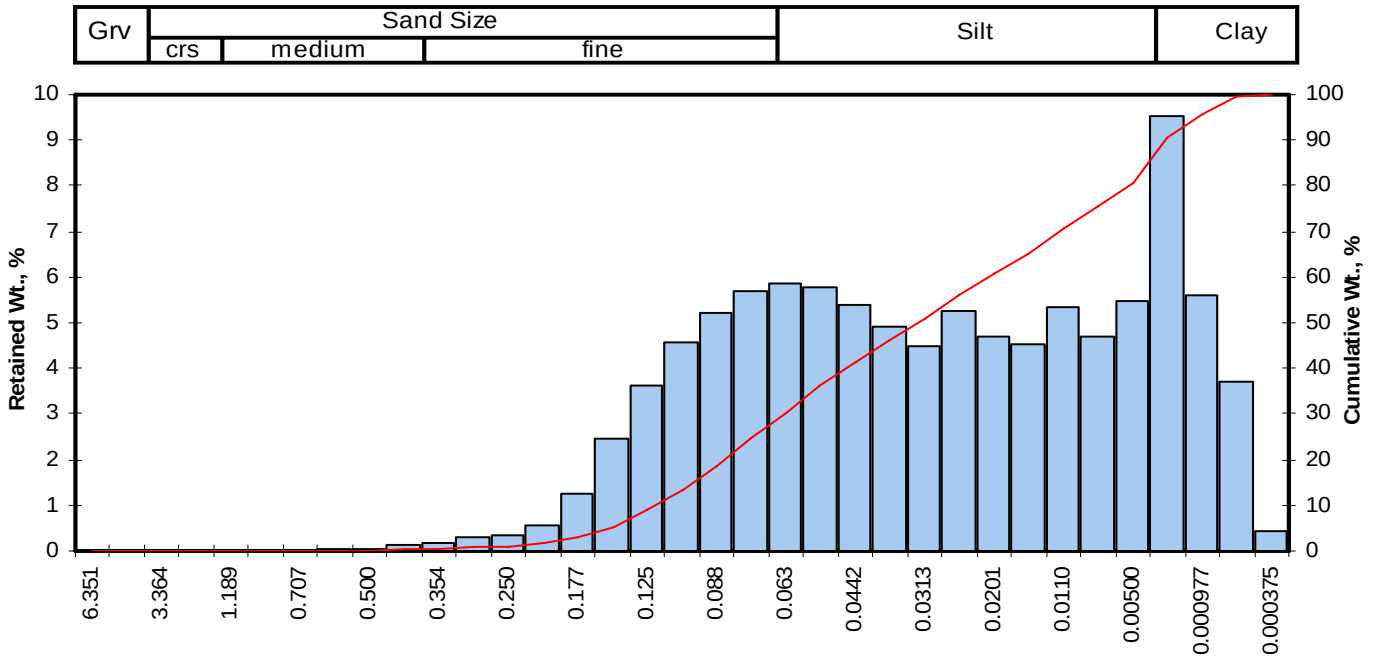
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-085
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	85.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.01	0.01	0.01
0.0234	0.595	0.75	30	0.03	0.03	0.04
0.0197	0.500	1.00	35	0.06	0.06	0.10
0.0166	0.420	1.25	40	0.12	0.12	0.22
0.0139	0.354	1.50	45	0.17	0.17	0.39
0.0117	0.297	1.75	50	0.32	0.32	0.71
0.0098	0.250	2.00	60	0.33	0.33	1.04
0.0083	0.210	2.25	70	0.57	0.57	1.61
0.0070	0.177	2.50	80	1.23	1.23	2.84
0.0059	0.149	2.75	100	2.44	2.44	5.28
0.0049	0.125	3.00	120	3.64	3.64	8.92
0.0041	0.105	3.25	140	4.57	4.57	13.49
0.0035	0.088	3.50	170	5.21	5.21	18.70
0.0029	0.074	3.75	200	5.67	5.67	24.37
0.0025	0.063	4.00	230	5.87	5.87	30.24
0.0021	0.053	4.25	270	5.76	5.76	35.99
0.00174	0.0442	4.50	325	5.39	5.39	41.38
0.00146	0.0372	4.75	400	4.93	4.93	46.31
0.00123	0.0313	5.00	450	4.50	4.50	50.81
0.000986	0.0250	5.32	500	5.24	5.24	56.05
0.000790	0.0201	5.64	635	4.68	4.68	60.73
0.000615	0.0156	6.00		4.53	4.53	65.26
0.000435	0.0110	6.50		5.34	5.34	70.60
0.000308	0.00781	7.00		4.70	4.70	75.30
0.000197	0.00500	7.65		5.49	5.49	80.79
0.000077	0.00195	9.00		9.52	9.52	90.31
0.000038	0.000977	10.00		5.59	5.59	95.90
0.000019	0.000488	11.00		3.69	3.69	99.59
0.000015	0.000375	11.38		0.41	0.41	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	2.72	0.0060	0.152
10	3.06	0.0047	0.120
16	3.37	0.0038	0.097
25	3.78	0.0029	0.073
40	4.44	0.0018	0.046
50	4.95	0.0013	0.032
60	5.59	0.0008	0.021
75	6.97	0.0003	0.008
84	8.10	0.0001	0.004
90	8.96	0.0001	0.002
95	9.84	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	4.95	4.95	4.95
Median, in.	0.0013	0.0013	0.0013
Median, mm	0.032	0.032	0.032
Mean, phi	4.63	5.74	5.48
Mean, in.	0.0016	0.0007	0.0009
Mean, mm	0.040	0.019	0.022
Sorting	3.022	2.366	2.261
Skewness	0.749	0.330	0.351
Kurtosis	0.275	0.504	0.914

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.22
Fine Sand	200	24.15
Silt	>0.005 mm	56.43
Clay	<0.005 mm	19.21
	Total	**100**

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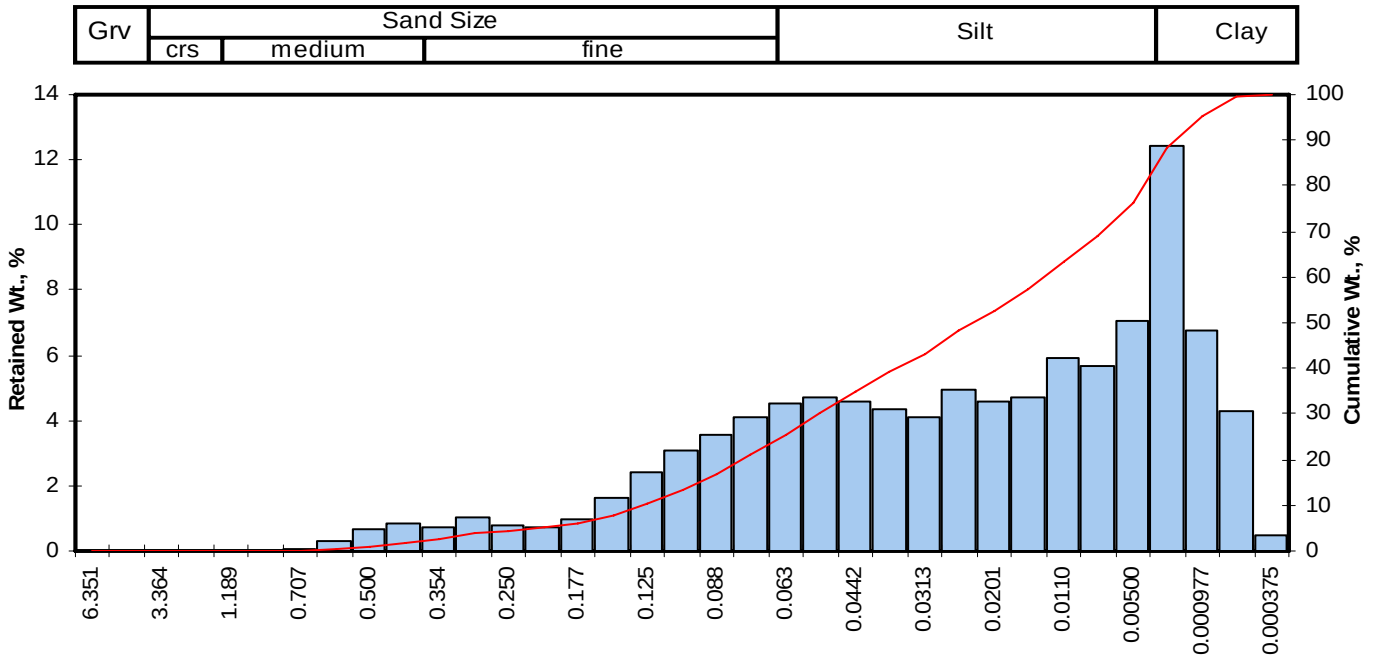
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-015
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	15.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.06	0.06	0.06
0.0234	0.595	0.75	30	0.32	0.32	0.38
0.0197	0.500	1.00	35	0.69	0.69	1.07
0.0166	0.420	1.25	40	0.85	0.85	1.92
0.0139	0.354	1.50	45	0.75	0.75	2.67
0.0117	0.297	1.75	50	1.01	1.01	3.68
0.0098	0.250	2.00	60	0.78	0.78	4.46
0.0083	0.210	2.25	70	0.75	0.75	5.21
0.0070	0.177	2.50	80	0.98	0.98	6.19
0.0059	0.149	2.75	100	1.64	1.64	7.83
0.0049	0.125	3.00	120	2.41	2.41	10.24
0.0041	0.105	3.25	140	3.05	3.05	13.29
0.0035	0.088	3.50	170	3.58	3.58	16.87
0.0029	0.074	3.75	200	4.12	4.12	20.99
0.0025	0.063	4.00	230	4.54	4.54	25.53
0.0021	0.053	4.25	270	4.69	4.69	30.22
0.00174	0.0442	4.50	325	4.57	4.57	34.79
0.00146	0.0372	4.75	400	4.34	4.34	39.14
0.00123	0.0313	5.00	450	4.09	4.09	43.23
0.000986	0.0250	5.32	500	4.93	4.93	48.16
0.000790	0.0201	5.64	635	4.60	4.60	52.76
0.000615	0.0156	6.00		4.69	4.69	57.45
0.000435	0.0110	6.50		5.94	5.94	63.39
0.000308	0.00781	7.00		5.68	5.68	69.07
0.000197	0.00500	7.65		7.05	7.05	76.12
0.000077	0.00195	9.00		12.40	12.40	88.53
0.000038	0.000977	10.00		6.73	6.73	95.26
0.000019	0.000488	11.00		4.27	4.27	99.53
0.000015	0.000375	11.38		0.47	0.47	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.18	0.0087	0.221
10	2.98	0.0050	0.127
16	3.44	0.0036	0.092
25	3.97	0.0025	0.064
40	4.80	0.0014	0.036
50	5.45	0.0009	0.023
60	6.21	0.0005	0.013
75	7.54	0.0002	0.005
84	8.51	0.0001	0.003
90	9.22	0.0001	0.002
95	9.96	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.45	5.45	5.45
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.85	5.97	5.80
Mean, in.	0.0014	0.0006	0.0007
Mean, mm	0.035	0.016	0.018
Sorting	3.448	2.533	2.445
Skewness	0.808	0.207	0.184
Kurtosis	0.233	0.536	0.893

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	1.92
Fine Sand	200	19.07
Silt	>0.005 mm	55.13
Clay	<0.005 mm	23.88
	Total	**100**

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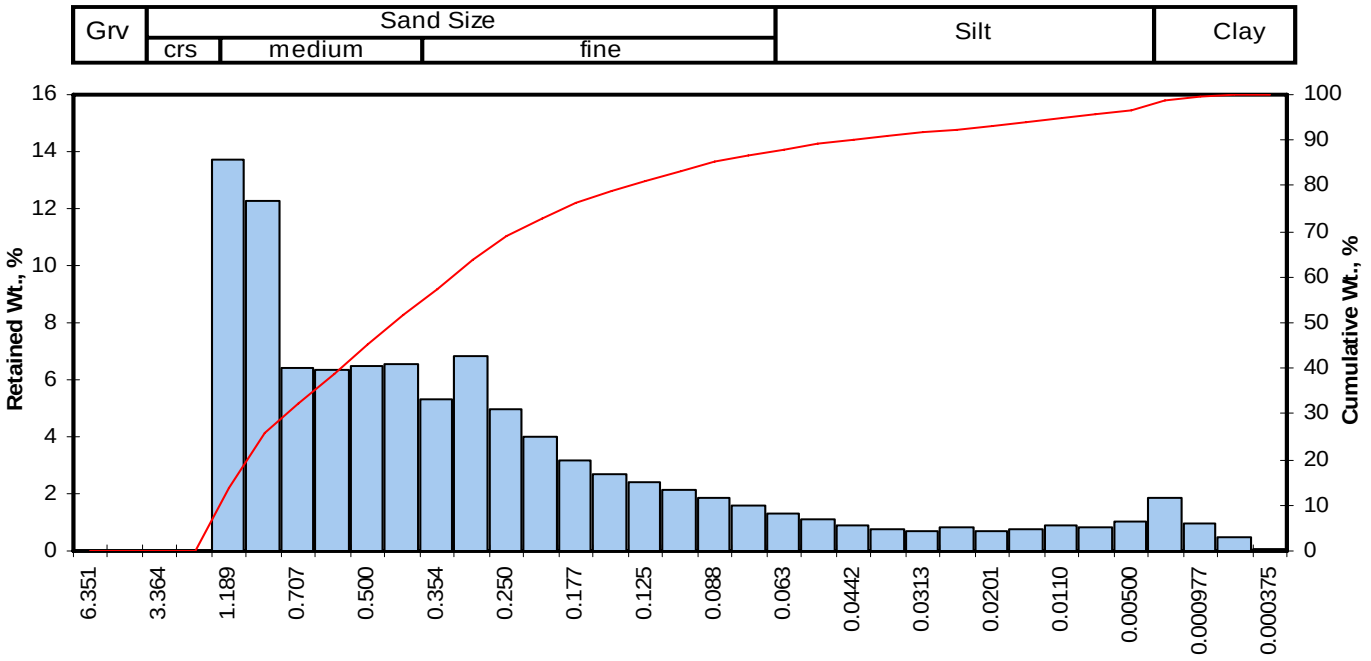
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-035
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	35.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	13.70	13.70	13.70
0.0331	0.841	0.25	20	12.30	12.30	26.00
0.0278	0.707	0.50	25	6.42	6.42	32.42
0.0234	0.595	0.75	30	6.37	6.37	38.79
0.0197	0.500	1.00	35	6.46	6.46	45.25
0.0166	0.420	1.25	40	6.53	6.53	51.78
0.0139	0.354	1.50	45	5.34	5.34	57.12
0.0117	0.297	1.75	50	6.84	6.84	63.96
0.0098	0.250	2.00	60	4.96	4.96	68.92
0.0083	0.210	2.25	70	4.03	4.03	72.95
0.0070	0.177	2.50	80	3.20	3.20	76.15
0.0059	0.149	2.75	100	2.70	2.70	78.85
0.0049	0.125	3.00	120	2.38	2.38	81.23
0.0041	0.105	3.25	140	2.12	2.12	83.35
0.0035	0.088	3.50	170	1.84	1.84	85.19
0.0029	0.074	3.75	200	1.57	1.57	86.76
0.0025	0.063	4.00	230	1.32	1.32	88.08
0.0021	0.053	4.25	270	1.10	1.10	89.18
0.00174	0.0442	4.50	325	0.93	0.93	90.11
0.00146	0.0372	4.75	400	0.79	0.79	90.90
0.00123	0.0313	5.00	450	0.70	0.70	91.60
0.000986	0.0250	5.32	500	0.80	0.80	92.40
0.000790	0.0201	5.64	635	0.72	0.72	93.12
0.000615	0.0156	6.00		0.73	0.73	93.85
0.000435	0.0110	6.50		0.92	0.92	94.77
0.000308	0.00781	7.00		0.85	0.85	95.62
0.000197	0.00500	7.65		1.03	1.03	96.65
0.000077	0.00195	9.00		1.85	1.85	98.50
0.000038	0.000977	10.00		0.96	0.96	99.46
0.000019	0.000488	11.00		0.49	0.49	99.95
0.000015	0.000375	11.38		0.05	0.05	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	-0.73	0.0651	1.654
10	-0.45	0.0539	1.368
16	-0.16	0.0439	1.115
25	0.21	0.0341	0.865
40	0.80	0.0227	0.576
50	1.18	0.0174	0.441
60	1.61	0.0129	0.329
75	2.41	0.0074	0.188
84	3.34	0.0039	0.099
90	4.47	0.0018	0.045
95	6.63	0.0004	0.010

Measure	Trask	Inman	Folk-Ward
Median, phi	1.18	1.18	1.18
Median, in.	0.0174	0.0174	0.0174
Median, mm	0.441	0.441	0.441
Mean, phi	0.93	1.59	1.45
Mean, in.	0.0207	0.0131	0.0144
Mean, mm	0.527	0.332	0.365
Sorting	2.144	1.747	1.989
Skewness	0.915	0.234	0.358
Kurtosis	0.256	1.106	1.371

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	51.78
Fine Sand	200	34.98
Silt	>0.005 mm	9.89
Clay	<0.005 mm	3.35
	Total	**100**

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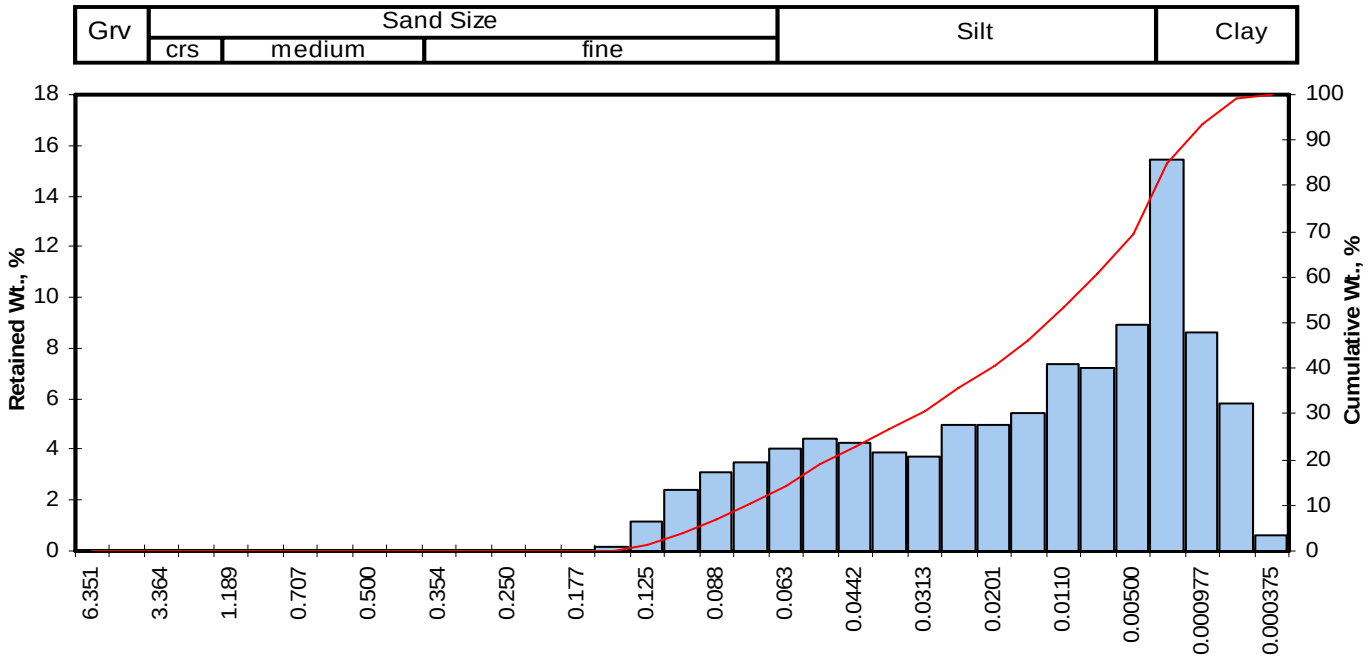
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-055
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	55.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.00	0.00	0.00
0.0117	0.297	1.75	50	0.00	0.00	0.00
0.0098	0.250	2.00	60	0.00	0.00	0.00
0.0083	0.210	2.25	70	0.00	0.00	0.00
0.0070	0.177	2.50	80	0.00	0.00	0.00
0.0059	0.149	2.75	100	0.17	0.17	0.17
0.0049	0.125	3.00	120	1.14	1.14	1.31
0.0041	0.105	3.25	140	2.41	2.41	3.72
0.0035	0.088	3.50	170	3.10	3.10	6.82
0.0029	0.074	3.75	200	3.52	3.52	10.34
0.0025	0.063	4.00	230	4.04	4.04	14.39
0.0021	0.053	4.25	270	4.40	4.40	18.79
0.00174	0.0442	4.50	325	4.25	4.25	23.04
0.00146	0.0372	4.75	400	3.90	3.90	26.94
0.00123	0.0313	5.00	450	3.76	3.76	30.70
0.000986	0.0250	5.32	500	4.93	4.93	35.63
0.000790	0.0201	5.64	635	5.00	5.00	40.63
0.000615	0.0156	6.00		5.41	5.41	46.04
0.000435	0.0110	6.50		7.37	7.37	53.42
0.000308	0.00781	7.00		7.22	7.22	60.64
0.000197	0.00500	7.65		8.93	8.93	69.57
0.000077	0.00195	9.00		15.40	15.40	84.98
0.000038	0.000977	10.00		8.59	8.59	93.57
0.000019	0.000488	11.00		5.78	5.78	99.35
0.000015	0.000375	11.38		0.65	0.65	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	3.35	0.0039	0.098
10	3.73	0.0030	0.076
16	4.09	0.0023	0.059
25	4.63	0.0016	0.041
40	5.60	0.0008	0.021
50	6.27	0.0005	0.013
60	6.96	0.0003	0.008
75	8.12	0.0001	0.004
84	8.91	0.0001	0.002
90	9.58	0.0001	0.001
95	10.25	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	6.27	6.27	6.27
Median, in.	0.0005	0.0005	0.0005
Median, mm	0.013	0.013	0.013
Mean, phi	5.50	6.50	6.42
Mean, in.	0.0009	0.0004	0.0005
Mean, mm	0.022	0.011	0.012
Sorting	3.360	2.411	2.250
Skewness	0.929	0.097	0.126
Kurtosis	0.248	0.430	0.808
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	10.34
Silt	>0.005 mm	59.23
Clay	<0.005 mm	30.43
	Total	**100**

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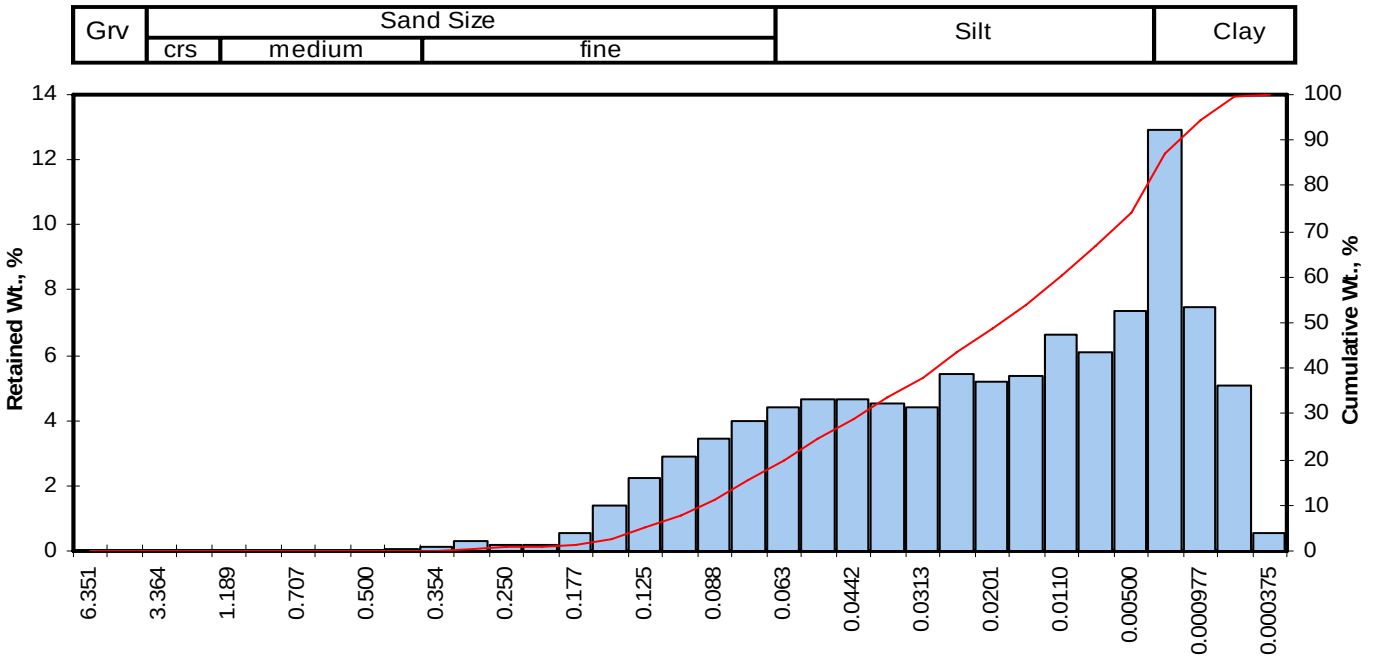
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-070
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	70.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.04	0.04	0.04
0.0139	0.354	1.50	45	0.14	0.14	0.18
0.0117	0.297	1.75	50	0.31	0.31	0.49
0.0098	0.250	2.00	60	0.20	0.20	0.69
0.0083	0.210	2.25	70	0.20	0.20	0.89
0.0070	0.177	2.50	80	0.52	0.52	1.41
0.0059	0.149	2.75	100	1.36	1.36	2.77
0.0049	0.125	3.00	120	2.23	2.23	5.00
0.0041	0.105	3.25	140	2.90	2.90	7.90
0.0035	0.088	3.50	170	3.44	3.44	11.34
0.0029	0.074	3.75	200	3.98	3.98	15.31
0.0025	0.063	4.00	230	4.42	4.42	19.73
0.0021	0.053	4.25	270	4.64	4.64	24.37
0.00174	0.0442	4.50	325	4.65	4.65	29.02
0.00146	0.0372	4.75	400	4.54	4.54	33.55
0.00123	0.0313	5.00	450	4.38	4.38	37.93
0.000986	0.0250	5.32	500	5.41	5.41	43.34
0.000790	0.0201	5.64	635	5.19	5.19	48.53
0.000615	0.0156	6.00		5.35	5.35	53.87
0.000435	0.0110	6.50		6.65	6.65	60.52
0.000308	0.00781	7.00		6.12	6.12	66.64
0.000197	0.00500	7.65		7.37	7.37	74.00
0.000077	0.00195	9.00		12.90	12.89	86.90
0.000038	0.000977	10.00		7.46	7.46	94.35
0.000019	0.000488	11.00		5.08	5.08	99.43
0.000015	0.000375	11.38		0.57	0.57	100.00
TOTALS				**100.10**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	3.00	0.0049	0.125
10	3.40	0.0037	0.095
16	3.79	0.0028	0.072
25	4.28	0.0020	0.051
40	5.12	0.0011	0.029
50	5.74	0.0007	0.019
60	6.46	0.0004	0.011
75	7.75	0.0002	0.005
84	8.70	0.0001	0.002
90	9.42	0.0001	0.001
95	10.13	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.74	5.74	5.74
Median, in.	0.0007	0.0007	0.0007
Median, mm	0.019	0.019	0.019
Mean, phi	5.16	6.24	6.07
Mean, in.	0.0011	0.0005	0.0006
Mean, mm	0.028	0.013	0.015
Sorting	3.324	2.453	2.307
Skewness	0.825	0.205	0.218
Kurtosis	0.251	0.453	0.843

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.04
Fine Sand	200	15.27
Silt	>0.005 mm	58.69
Clay	<0.005 mm	26.00
	Total	**100**

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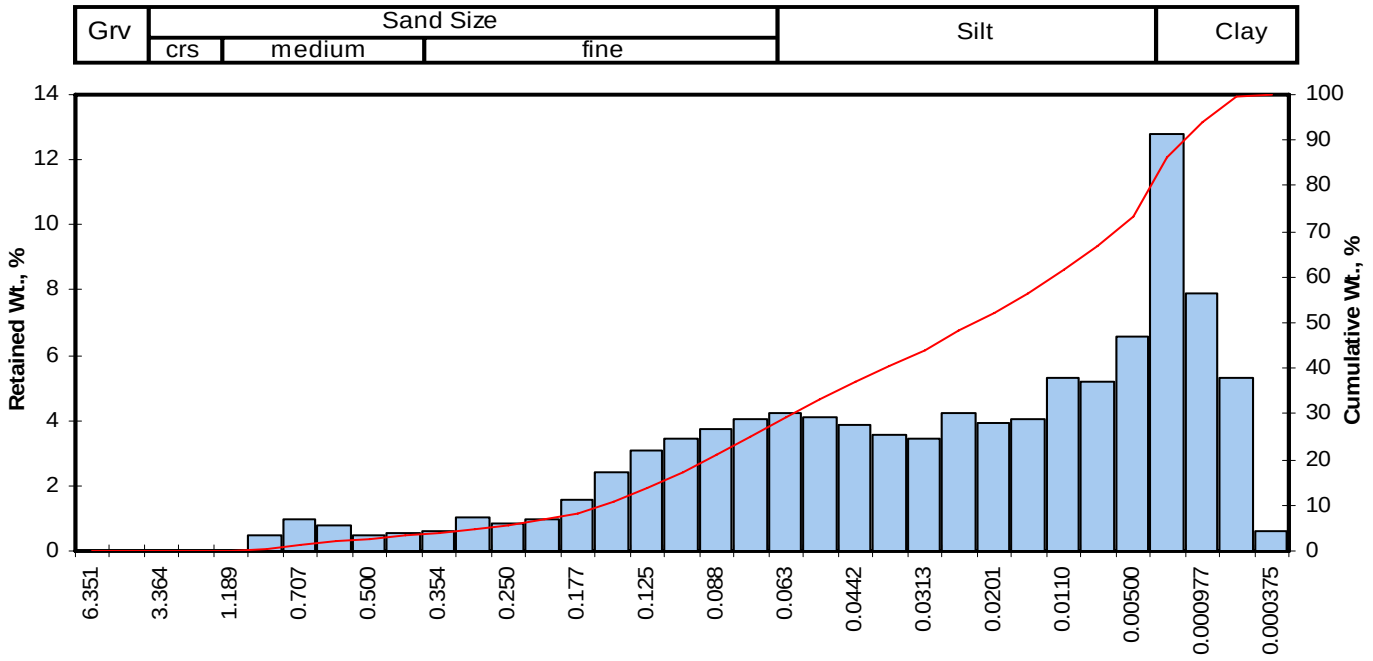
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-080
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	80.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.48	0.48	0.48
0.0278	0.707	0.50	25	0.94	0.94	1.42
0.0234	0.595	0.75	30	0.77	0.77	2.19
0.0197	0.500	1.00	35	0.51	0.51	2.70
0.0166	0.420	1.25	40	0.55	0.55	3.25
0.0139	0.354	1.50	45	0.63	0.63	3.88
0.0117	0.297	1.75	50	1.01	1.01	4.89
0.0098	0.250	2.00	60	0.83	0.83	5.72
0.0083	0.210	2.25	70	0.99	0.99	6.71
0.0070	0.177	2.50	80	1.56	1.56	8.27
0.0059	0.149	2.75	100	2.43	2.43	10.70
0.0049	0.125	3.00	120	3.05	3.05	13.75
0.0041	0.105	3.25	140	3.43	3.43	17.18
0.0035	0.088	3.50	170	3.73	3.73	20.91
0.0029	0.074	3.75	200	4.04	4.04	24.95
0.0025	0.063	4.00	230	4.20	4.20	29.15
0.0021	0.053	4.25	270	4.12	4.12	33.27
0.00174	0.0442	4.50	325	3.84	3.84	37.11
0.00146	0.0372	4.75	400	3.58	3.58	40.69
0.00123	0.0313	5.00	450	3.43	3.43	44.12
0.000986	0.0250	5.32	500	4.22	4.22	48.34
0.000790	0.0201	5.64	635	3.95	3.95	52.28
0.000615	0.0156	6.00		4.05	4.05	56.33
0.000435	0.0110	6.50		5.31	5.31	61.64
0.000308	0.00781	7.00		5.16	5.16	66.80
0.000197	0.00500	7.65		6.58	6.58	73.38
0.000077	0.00195	9.00		12.80	12.80	86.18
0.000038	0.000977	10.00		7.88	7.88	94.06
0.000019	0.000488	11.00		5.34	5.34	99.40
0.000015	0.000375	11.38		0.60	0.60	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.78	0.0114	0.291
10	2.68	0.0062	0.156
16	3.16	0.0044	0.112
25	3.75	0.0029	0.074
40	4.70	0.0015	0.038
50	5.45	0.0009	0.023
60	6.35	0.0005	0.012
75	7.82	0.0002	0.004
84	8.77	0.0001	0.002
90	9.48	0.0001	0.001
95	10.18	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.45	5.45	5.45
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.67	5.97	5.80
Mean, in.	0.0015	0.0006	0.0007
Mean, mm	0.039	0.016	0.018
Sorting	4.088	2.802	2.673
Skewness	0.796	0.183	0.154
Kurtosis	0.225	0.497	0.847

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	3.25
Fine Sand	200	21.70
Silt	>0.005 mm	48.44
Clay	<0.005 mm	26.62
	Total	**100**

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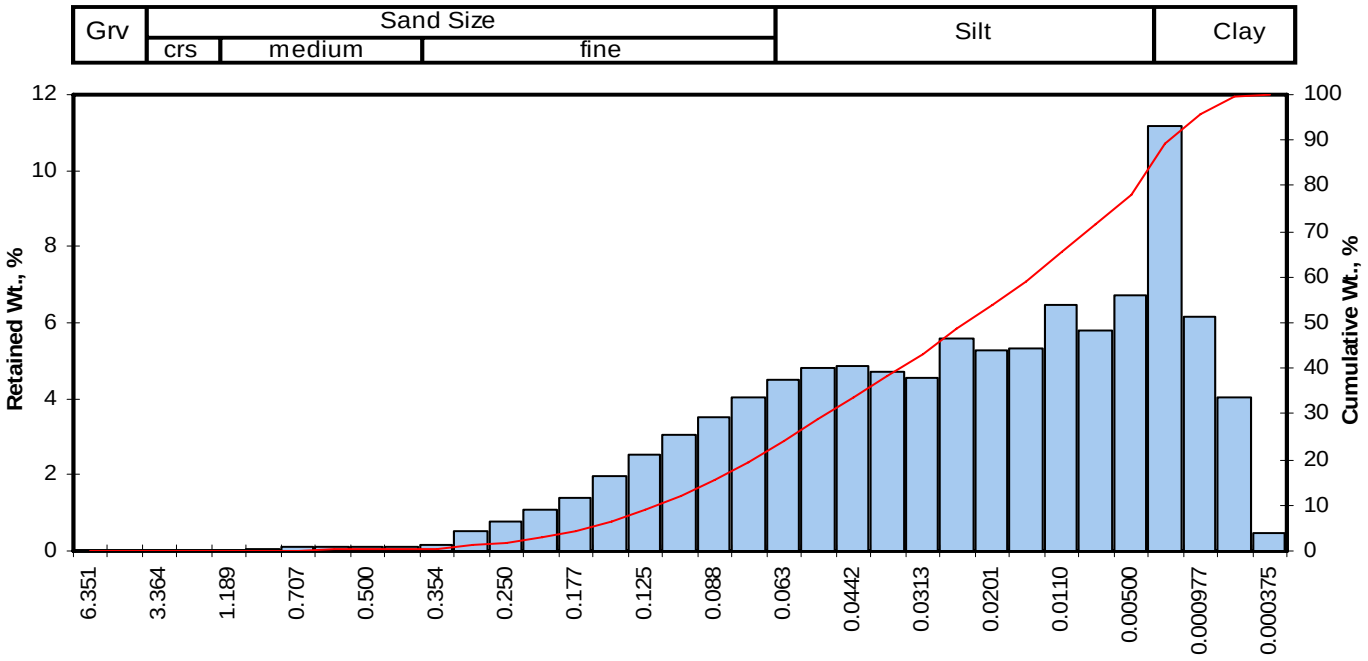
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP3A-030
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	30.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.07	0.07	0.07
0.0278	0.707	0.50	25	0.11	0.11	0.18
0.0234	0.595	0.75	30	0.09	0.09	0.26
0.0197	0.500	1.00	35	0.09	0.09	0.35
0.0166	0.420	1.25	40	0.11	0.11	0.46
0.0139	0.354	1.50	45	0.16	0.16	0.62
0.0117	0.297	1.75	50	0.51	0.51	1.13
0.0098	0.250	2.00	60	0.78	0.78	1.91
0.0083	0.210	2.25	70	1.07	1.07	2.98
0.0070	0.177	2.50	80	1.39	1.39	4.37
0.0059	0.149	2.75	100	1.96	1.96	6.33
0.0049	0.125	3.00	120	2.55	2.55	8.88
0.0041	0.105	3.25	140	3.06	3.06	11.94
0.0035	0.088	3.50	170	3.52	3.52	15.46
0.0029	0.074	3.75	200	4.04	4.04	19.50
0.0025	0.063	4.00	230	4.52	4.52	24.01
0.0021	0.053	4.25	270	4.81	4.81	28.82
0.00174	0.0442	4.50	325	4.86	4.86	33.68
0.00146	0.0372	4.75	400	4.73	4.73	38.41
0.00123	0.0313	5.00	450	4.56	4.56	42.97
0.000986	0.0250	5.32	500	5.59	5.59	48.55
0.000790	0.0201	5.64	635	5.29	5.29	53.84
0.000615	0.0156	6.00		5.35	5.35	59.19
0.000435	0.0110	6.50		6.49	6.49	65.68
0.000308	0.00781	7.00		5.78	5.78	71.45
0.000197	0.00500	7.65		6.71	6.71	78.16
0.000077	0.00195	9.00		11.20	11.20	89.35
0.000038	0.000977	10.00		6.18	6.18	95.53
0.000019	0.000488	11.00		4.03	4.03	99.56
0.000015	0.000375	11.38		0.44	0.44	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.58	0.0066	0.167
10	3.09	0.0046	0.117
16	3.53	0.0034	0.086
25	4.05	0.0024	0.060
40	4.84	0.0014	0.035
50	5.41	0.0009	0.024
60	6.06	0.0006	0.015
75	7.34	0.0002	0.006
84	8.35	0.0001	0.003
90	9.10	0.0001	0.002
95	9.91	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.41	5.41	5.41
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.024	0.024	0.024
Mean, phi	4.91	5.94	5.76
Mean, in.	0.0013	0.0006	0.0007
Mean, mm	0.033	0.016	0.018
Sorting	3.127	2.409	2.316
Skewness	0.819	0.222	0.226
Kurtosis	0.234	0.522	0.914

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.46
Fine Sand	200	19.03
Silt	>0.005 mm	58.66
Clay	<0.005 mm	21.84
	Total	**100**

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PHYSICAL PROPERTIES DATA

PROJECT NAME N/A
PROJECT NO: 10500-37240-T2.OSS.Field

	METHODOLOGY:		ASTM D2216	WALKLEY-BLACK	EPA 9081	ASTM D1498	ASTM D5084	
							25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	TOTAL ORGANIC CARBON (mg/kg)	CATION EXCHANGE CAPACITY (meq/100g)	OXIDATION REDUCTION POTENTIAL (mV)	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (2,3) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (2,3) (cm/s)
GP6-15	N/A	V	22.4	2550	11	340	0.943	8.96E-07
GP6-30	N/A	V	22.4	2000	12	320	0.868	8.27E-07
GP6-45	N/A	V	25.9	1750	9	340	0.756	7.22E-07
GP6-60	N/A	V	20.6	1400	14	330	0.599	5.73E-07
GP6-80	N/A	V	22.1	1950	14	320	0.575	5.48E-07

(1) Sample Orientation: H = horizontal; V = vertical (2) Native State = As received with pore fluids in place (3) Permeability to water and conductivity measured at saturated conditions

PTS Laboratories

CDM
PTS File No: 34070

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.OSS.Field

Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
GP6-15	N/A	Silt	0.031	0.00	0.00	4.65	25.81	48.71	20.83	69.54
GP6-30	N/A	Silt	0.022	0.00	0.00	9.28	12.68	56.04	22.00	78.04
GP6-45	N/A	Silt	0.027	0.00	0.00	6.08	23.29	49.75	20.89	70.64
GP6-60	N/A	Silt	0.023	0.00	0.00	7.38	19.04	49.38	24.20	73.58
GP6-80	N/A	Silt	0.021	0.00	0.00	4.90	19.22	50.20	25.68	75.88

(1) Based on Mean from Trask

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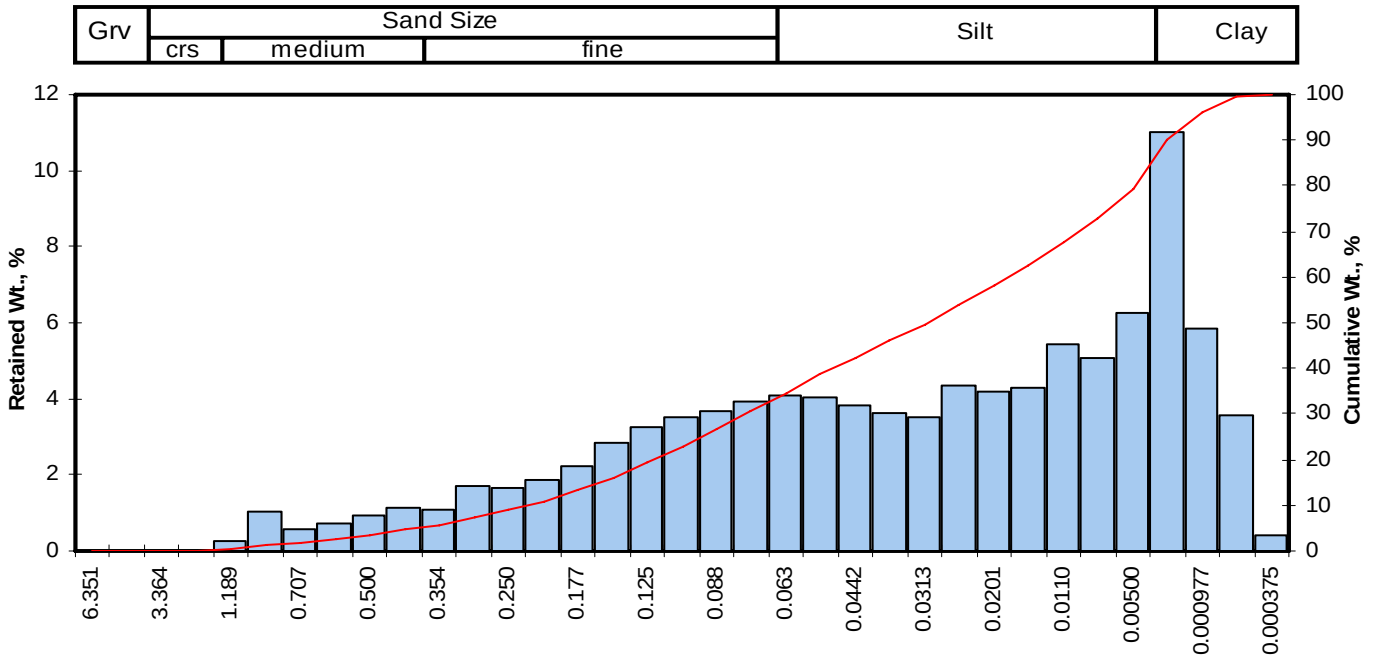
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-15
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.26	0.26	0.26
0.0331	0.841	0.25	20	1.05	1.05	1.31
0.0278	0.707	0.50	25	0.56	0.56	1.87
0.0234	0.595	0.75	30	0.72	0.72	2.59
0.0197	0.500	1.00	35	0.94	0.94	3.53
0.0166	0.420	1.25	40	1.12	1.12	4.65
0.0139	0.354	1.50	45	1.08	1.08	5.73
0.0117	0.297	1.75	50	1.73	1.73	7.46
0.0098	0.250	2.00	60	1.65	1.65	9.11
0.0083	0.210	2.25	70	1.87	1.87	10.98
0.0070	0.177	2.50	80	2.24	2.24	13.22
0.0059	0.149	2.75	100	2.84	2.84	16.06
0.0049	0.125	3.00	120	3.27	3.27	19.33
0.0041	0.105	3.25	140	3.51	3.51	22.84
0.0035	0.088	3.50	170	3.69	3.69	26.53
0.0029	0.074	3.75	200	3.93	3.93	30.46
0.0025	0.063	4.00	230	4.09	4.09	34.55
0.0021	0.053	4.25	270	4.05	4.05	38.60
0.00174	0.0442	4.50	325	3.85	3.85	42.45
0.00146	0.0372	4.75	400	3.64	3.64	46.09
0.00123	0.0313	5.00	450	3.50	3.50	49.59
0.000986	0.0250	5.32	500	4.35	4.35	53.94
0.000790	0.0201	5.64	635	4.18	4.18	58.12
0.000615	0.0156	6.00		4.30	4.30	62.42
0.000435	0.0110	6.50		5.42	5.42	67.84
0.000308	0.00781	7.00		5.09	5.09	72.93
0.000197	0.00500	7.65		6.24	6.24	79.17
0.000077	0.00195	9.00		11.00	11.00	90.17
0.000038	0.000977	10.00		5.87	5.87	96.04
0.000019	0.000488	11.00		3.57	3.57	99.61
0.000015	0.000375	11.38		0.39	0.39	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.33	0.0156	0.397
10	2.12	0.0091	0.230
16	2.74	0.0059	0.149
25	3.40	0.0037	0.095
40	4.34	0.0019	0.049
50	5.03	0.0012	0.031
60	5.80	0.0007	0.018
75	7.21	0.0003	0.007
84	8.24	0.0001	0.003
90	8.98	0.0001	0.002
95	9.82	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.03	5.03	5.03
Median, in.	0.0012	0.0012	0.0012
Median, mm	0.031	0.031	0.031
Mean, phi	4.30	5.49	5.34
Mean, in.	0.0020	0.0009	0.0010
Mean, mm	0.051	0.022	0.025
Sorting	3.755	2.748	2.660
Skewness	0.826	0.168	0.148
Kurtosis	0.193	0.545	0.912

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	4.65
Fine Sand	200	25.81
Silt	>0.005 mm	48.71
Clay	<0.005 mm	20.83
	Total	**100**

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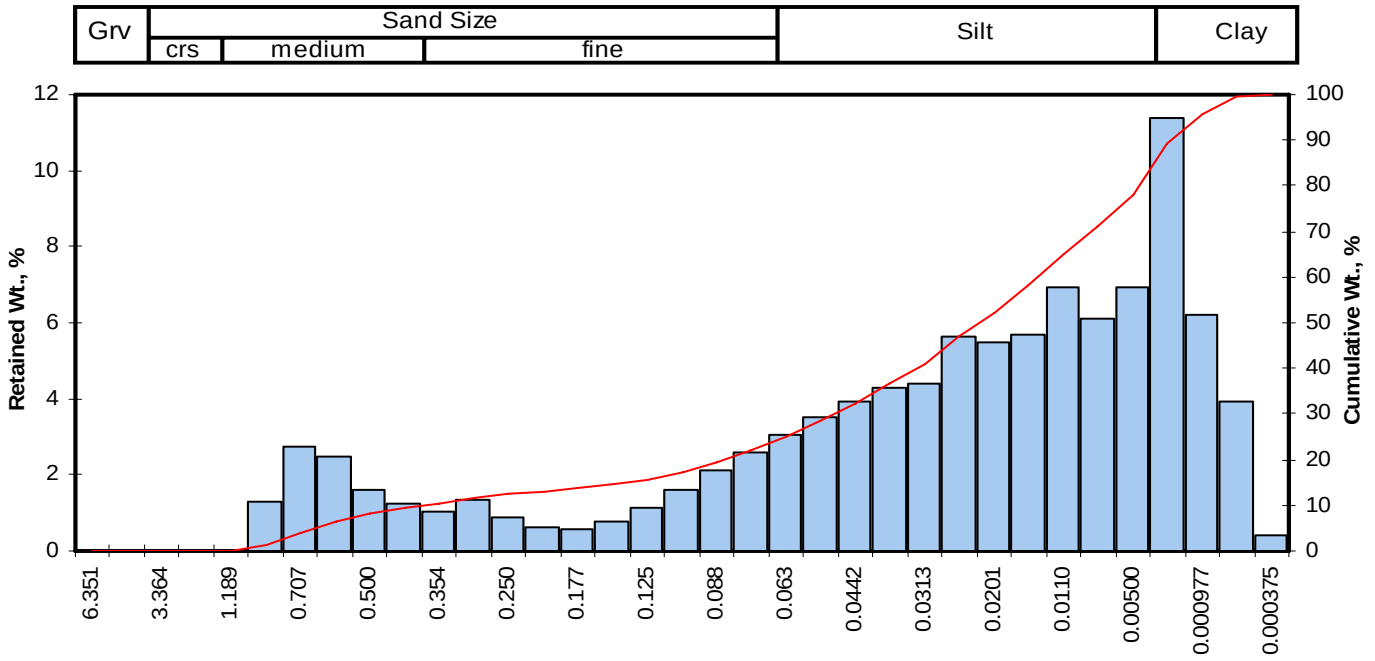
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-30
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	1.27	1.27	1.27
0.0278	0.707	0.50	25	2.74	2.74	4.01
0.0234	0.595	0.75	30	2.46	2.46	6.47
0.0197	0.500	1.00	35	1.58	1.58	8.05
0.0166	0.420	1.25	40	1.23	1.23	9.28
0.0139	0.354	1.50	45	1.02	1.02	10.30
0.0117	0.297	1.75	50	1.34	1.34	11.64
0.0098	0.250	2.00	60	0.87	0.87	12.52
0.0083	0.210	2.25	70	0.62	0.62	13.14
0.0070	0.177	2.50	80	0.55	0.55	13.69
0.0059	0.149	2.75	100	0.77	0.77	14.46
0.0049	0.125	3.00	120	1.15	1.15	15.61
0.0041	0.105	3.25	140	1.62	1.62	17.23
0.0035	0.088	3.50	170	2.12	2.12	19.35
0.0029	0.074	3.75	200	2.61	2.61	21.96
0.0025	0.063	4.00	230	3.06	3.06	25.02
0.0021	0.053	4.25	270	3.50	3.50	28.52
0.00174	0.0442	4.50	325	3.95	3.95	32.47
0.00146	0.0372	4.75	400	4.27	4.27	36.74
0.00123	0.0313	5.00	450	4.41	4.41	41.16
0.000986	0.0250	5.32	500	5.64	5.64	46.80
0.000790	0.0201	5.64	635	5.50	5.50	52.30
0.000615	0.0156	6.00		5.68	5.68	57.98
0.000435	0.0110	6.50		6.95	6.95	64.94
0.000308	0.00781	7.00		6.11	6.11	71.05
0.000197	0.00500	7.65		6.95	6.95	78.00
0.000077	0.00195	9.00		11.40	11.40	89.41
0.000038	0.000977	10.00		6.22	6.22	95.63
0.000019	0.000488	11.00		3.94	3.94	99.57
0.000015	0.000375	11.38		0.43	0.43	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.60	0.0260	0.660
10	1.43	0.0147	0.372
16	3.06	0.0047	0.120
25	4.00	0.0025	0.063
40	4.93	0.0013	0.033
50	5.51	0.0009	0.022
60	6.15	0.0006	0.014
75	7.37	0.0002	0.006
84	8.36	0.0001	0.003
90	9.10	0.0001	0.002
95	9.90	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.51	5.51	5.51
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.022	0.022	0.022
Mean, phi	4.87	5.71	5.64
Mean, in.	0.0014	0.0008	0.0008
Mean, mm	0.034	0.019	0.020
Sorting	3.213	2.648	2.733
Skewness	0.885	0.077	0.011
Kurtosis	0.076	0.755	1.131

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	9.28
Fine Sand	200	12.68
Silt	>0.005 mm	56.04
Clay	<0.005 mm	22.00
	Total	**100**

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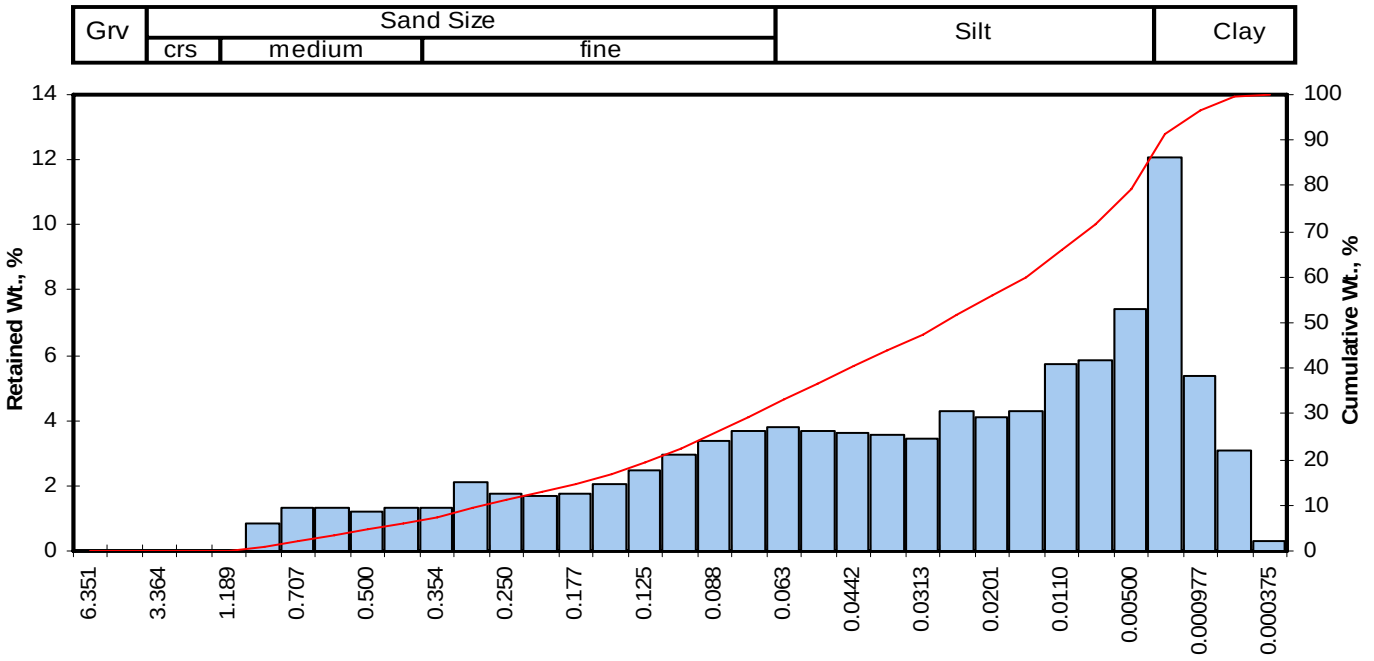
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-45
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.87	0.87	0.87
0.0278	0.707	0.50	25	1.33	1.33	2.20
0.0234	0.595	0.75	30	1.35	1.35	3.55
0.0197	0.500	1.00	35	1.21	1.21	4.76
0.0166	0.420	1.25	40	1.32	1.32	6.08
0.0139	0.354	1.50	45	1.33	1.33	7.41
0.0117	0.297	1.75	50	2.09	2.09	9.50
0.0098	0.250	2.00	60	1.78	1.78	11.28
0.0083	0.210	2.25	70	1.70	1.70	12.97
0.0070	0.177	2.50	80	1.76	1.76	14.73
0.0059	0.149	2.75	100	2.08	2.08	16.81
0.0049	0.125	3.00	120	2.49	2.49	19.30
0.0041	0.105	3.25	140	2.96	2.96	22.26
0.0035	0.088	3.50	170	3.40	3.40	25.66
0.0029	0.074	3.75	200	3.71	3.71	29.36
0.0025	0.063	4.00	230	3.78	3.78	33.14
0.0021	0.053	4.25	270	3.71	3.71	36.85
0.00174	0.0442	4.50	325	3.63	3.63	40.48
0.00146	0.0372	4.75	400	3.56	3.56	44.03
0.00123	0.0313	5.00	450	3.46	3.46	47.49
0.000986	0.0250	5.32	500	4.27	4.27	51.76
0.000790	0.0201	5.64	635	4.09	4.09	55.85
0.000615	0.0156	6.00		4.26	4.26	60.10
0.000435	0.0110	6.50		5.72	5.72	65.82
0.000308	0.00781	7.00		5.86	5.86	71.68
0.000197	0.00500	7.65		7.44	7.44	79.11
0.000077	0.00195	9.00		12.10	12.09	91.21
0.000038	0.000977	10.00		5.38	5.38	96.58
0.000019	0.000488	11.00		3.09	3.09	99.67
0.000015	0.000375	11.38		0.33	0.33	100.00
TOTALS				**100.10**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.05	0.0191	0.484
10	1.82	0.0111	0.283
16	2.65	0.0063	0.159
25	3.45	0.0036	0.091
40	4.47	0.0018	0.045
50	5.19	0.0011	0.027
60	5.99	0.0006	0.016
75	7.29	0.0003	0.006
84	8.19	0.0001	0.003
90	8.86	0.0001	0.002
95	9.71	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.19	5.19	5.19
Median, in.	0.0011	0.0011	0.0011
Median, mm	0.027	0.027	0.027
Mean, phi	4.35	5.42	5.34
Mean, in.	0.0019	0.0009	0.0010
Mean, mm	0.049	0.023	0.025
Sorting	3.780	2.770	2.697
Skewness	0.882	0.085	0.064
Kurtosis	0.151	0.563	0.925

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	6.08
Fine Sand	200	23.29
Silt	>0.005 mm	49.75
Clay	<0.005 mm	20.89
	Total	**100**

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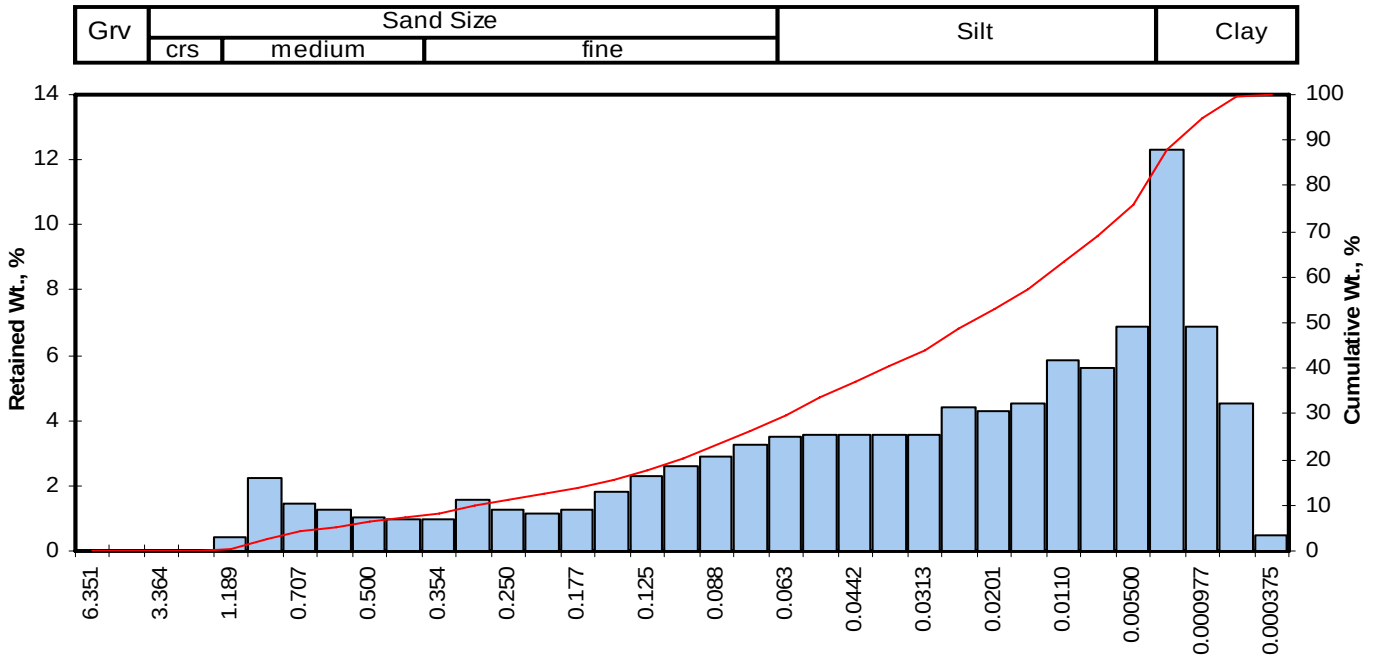
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-60
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.41	0.41	0.41
0.0331	0.841	0.25	20	2.24	2.24	2.65
0.0278	0.707	0.50	25	1.46	1.46	4.11
0.0234	0.595	0.75	30	1.28	1.28	5.39
0.0197	0.500	1.00	35	1.01	1.01	6.40
0.0166	0.420	1.25	40	0.98	0.98	7.38
0.0139	0.354	1.50	45	0.97	0.97	8.35
0.0117	0.297	1.75	50	1.58	1.58	9.93
0.0098	0.250	2.00	60	1.29	1.29	11.22
0.0083	0.210	2.25	70	1.15	1.15	12.37
0.0070	0.177	2.50	80	1.27	1.27	13.63
0.0059	0.149	2.75	100	1.79	1.79	15.42
0.0049	0.125	3.00	120	2.28	2.28	17.70
0.0041	0.105	3.25	140	2.60	2.60	20.30
0.0035	0.088	3.50	170	2.89	2.89	23.19
0.0029	0.074	3.75	200	3.23	3.23	26.42
0.0025	0.063	4.00	230	3.48	3.48	29.90
0.0021	0.053	4.25	270	3.57	3.57	33.47
0.00174	0.0442	4.50	325	3.58	3.58	37.05
0.00146	0.0372	4.75	400	3.58	3.58	40.62
0.00123	0.0313	5.00	450	3.55	3.55	44.17
0.000986	0.0250	5.32	500	4.43	4.43	48.60
0.000790	0.0201	5.64	635	4.29	4.29	52.89
0.000615	0.0156	6.00		4.53	4.53	57.42
0.000435	0.0110	6.50		5.88	5.88	63.29
0.000308	0.00781	7.00		5.60	5.60	68.89
0.000197	0.00500	7.65		6.91	6.91	75.80
0.000077	0.00195	9.00		12.30	12.30	88.09
0.000038	0.000977	10.00		6.89	6.89	94.98
0.000019	0.000488	11.00		4.52	4.52	99.50
0.000015	0.000375	11.38		0.50	0.50	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.67	0.0247	0.627
10	1.76	0.0116	0.294
16	2.81	0.0056	0.142
25	3.64	0.0032	0.080
40	4.71	0.0015	0.038
50	5.42	0.0009	0.023
60	6.22	0.0005	0.013
75	7.57	0.0002	0.005
84	8.55	0.0001	0.003
90	9.28	0.0001	0.002
95	10.00	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.42	5.42	5.42
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.55	5.68	5.60
Mean, in.	0.0017	0.0008	0.0008
Mean, mm	0.043	0.019	0.021
Sorting	3.904	2.868	2.847
Skewness	0.882	0.089	0.036
Kurtosis	0.128	0.627	0.973

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	7.38
Fine Sand	200	19.04
Silt	>0.005 mm	49.38
Clay	<0.005 mm	24.20
	Total	**100**

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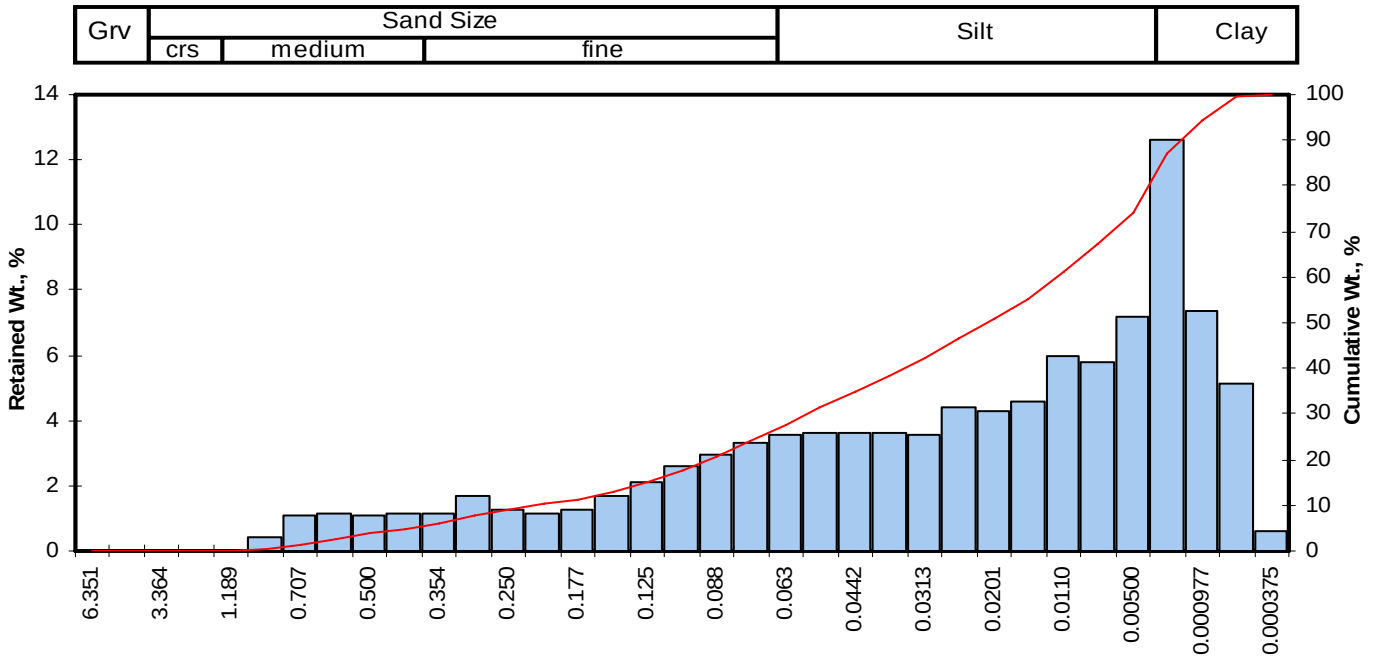
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-80
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.44	0.44	0.44
0.0278	0.707	0.50	25	1.06	1.06	1.50
0.0234	0.595	0.75	30	1.17	1.17	2.67
0.0197	0.500	1.00	35	1.07	1.07	3.74
0.0166	0.420	1.25	40	1.16	1.16	4.90
0.0139	0.354	1.50	45	1.14	1.14	6.04
0.0117	0.297	1.75	50	1.68	1.68	7.72
0.0098	0.250	2.00	60	1.27	1.27	8.99
0.0083	0.210	2.25	70	1.14	1.14	10.14
0.0070	0.177	2.50	80	1.26	1.26	11.40
0.0059	0.149	2.75	100	1.69	1.69	13.09
0.0049	0.125	3.00	120	2.14	2.14	15.23
0.0041	0.105	3.25	140	2.57	2.57	17.80
0.0035	0.088	3.50	170	2.98	2.98	20.78
0.0029	0.074	3.75	200	3.34	3.34	24.12
0.0025	0.063	4.00	230	3.53	3.53	27.65
0.0021	0.053	4.25	270	3.60	3.60	31.26
0.00174	0.0442	4.50	325	3.62	3.62	34.88
0.00146	0.0372	4.75	400	3.62	3.62	38.50
0.00123	0.0313	5.00	450	3.55	3.55	42.05
0.000986	0.0250	5.32	500	4.42	4.42	46.47
0.000790	0.0201	5.64	635	4.31	4.31	50.79
0.000615	0.0156	6.00		4.57	4.57	55.36
0.000435	0.0110	6.50		5.98	5.98	61.34
0.000308	0.00781	7.00		5.80	5.80	67.14
0.000197	0.00500	7.65		7.17	7.17	74.32
0.000077	0.00195	9.00		12.60	12.61	86.92
0.000038	0.000977	10.00		7.37	7.37	94.30
0.000019	0.000488	11.00		5.12	5.12	99.42
0.000015	0.000375	11.38		0.58	0.58	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.27	0.0163	0.414
10	2.22	0.0084	0.215
16	3.08	0.0047	0.119
25	3.81	0.0028	0.071
40	4.86	0.0014	0.035
50	5.58	0.0008	0.021
60	6.39	0.0005	0.012
75	7.72	0.0002	0.005
84	8.69	0.0001	0.002
90	9.42	0.0001	0.001
95	10.14	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.58	5.58	5.58
Median, in.	0.0008	0.0008	0.0008
Median, mm	0.021	0.021	0.021
Mean, phi	4.72	5.88	5.78
Mean, in.	0.0015	0.0007	0.0007
Mean, mm	0.038	0.017	0.018
Sorting	3.872	2.805	2.746
Skewness	0.881	0.106	0.067
Kurtosis	0.156	0.580	0.930

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	4.90
Fine Sand	200	19.22
Silt	>0.005 mm	50.20
Clay	<0.005 mm	25.68
	Total	**100**

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PHYSICAL PROPERTIES DATA

PROJECT NAME: Omega Chemical
PROJECT NO: 10500-37240

METHODOLOGY: **API RP40**

SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	BULK DENSITY (g/cc)	TOTAL POROSITY, % Vb
B-1 (33-33.5)	33-33.5	V	1.63	38.3
B-1 (74-75)	74-75	V	1.61	39.6
B-2 (29.5-30)	29.5-30	V	1.55	41.4
B-2 (44.5-45)	44.5-45	V	1.61	39.3
B-2 (67.5-68)	67.5-68	V	1.65	37.4
B-3 (33-33.5)	33-33.5	V	1.70	36.1
B-3 (57-57.5)	57-57.5	V	1.73	35.0

(1) Sample Orientation: H = horizontal; V = vertical (2) Total Porosity = no pore fluids in place; all interconnected pore channels Vb = Bulk Volume, cc

PTS Laboratories

CDM, Inc.
PTS File No: 36178

PHYSICAL PROPERTIES DATA

PROJECT NAME: Omega Chemical
PROJECT NO: 10500-37240

	METHODOLOGY:	ASTM D2216		API RP40		WALKLEY-BLACK	ASTM D5084	
							25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	BULK DENSITY (g/cc)	TOTAL POROSITY, % Vb (2)	TOTAL ORGANIC CARBON mg/kg	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (3,4) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (3,4) (cm/s)
MIP8-B4-8	8.70	V	21.4	1.52	42.8	1750	--	--
MIP8-B4-29	29.15	V	25.6	1.52	42.4	2150	--	--
MIP8-B4-33	33.15	V	20.3	1.77	33.0	1750	0.884	8.33E-07
MIP8-B4-40	39.15	V	24.9	1.56	40.9	910	--	--
MIP8-B4-56	56.85	V	19.8	1.68	36.7	770	--	--
MIP22-B5-26	26.80	V	15.8	1.64	38.2	790	--	--
MIP22-B5-36	37.90	V	18.8	1.66	37.6	690	--	--
VP21-B6-20	20.90	V	22.1	1.59	40.2	760	--	--
VP21-B6-29	29.15	V	22.7	1.57	40.9	670	--	--
VP21-B6-35	35.80	V	18.2	1.66	37.4	740	0.887	8.30E-07
VP21-B6-43	43.30	V	19.6	1.58	40.3	640	--	--
VP21-B6-48	49.90	V	22.6	1.65	38.0	1300	--	--
MIP21-B7-29	29.30	V	23.5	1.54	41.6	1200	--	--
MIP21-B7-35	35.80	V	21.8	1.59	39.6	1700	0.706	6.63E-07
MIP21-B7-44	44.20	V	27.5	1.55	49.1	1200	--	--
MIP21-B7-55	53.80	V	12.0	1.63	39.7	510	--	--

(1) Sample Orientation: H = horizontal; V = vertical (2) Total Porosity = no pore fluids in place; all interconnected pore channels; Air Filled = pore chan not occupied by pore fluids (3) Native State = As received with pore fluids in place (4) Permeability to water and conductivity measured at saturated conditions Vb = Bulk Volume, cc; Pv = Pore Volume, cc; ND = Not Detected

PHYSICAL PROPERTIES DATA

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.0SS.Field

METHODOLOGY: ASTM D2216 **ASTM D5084**

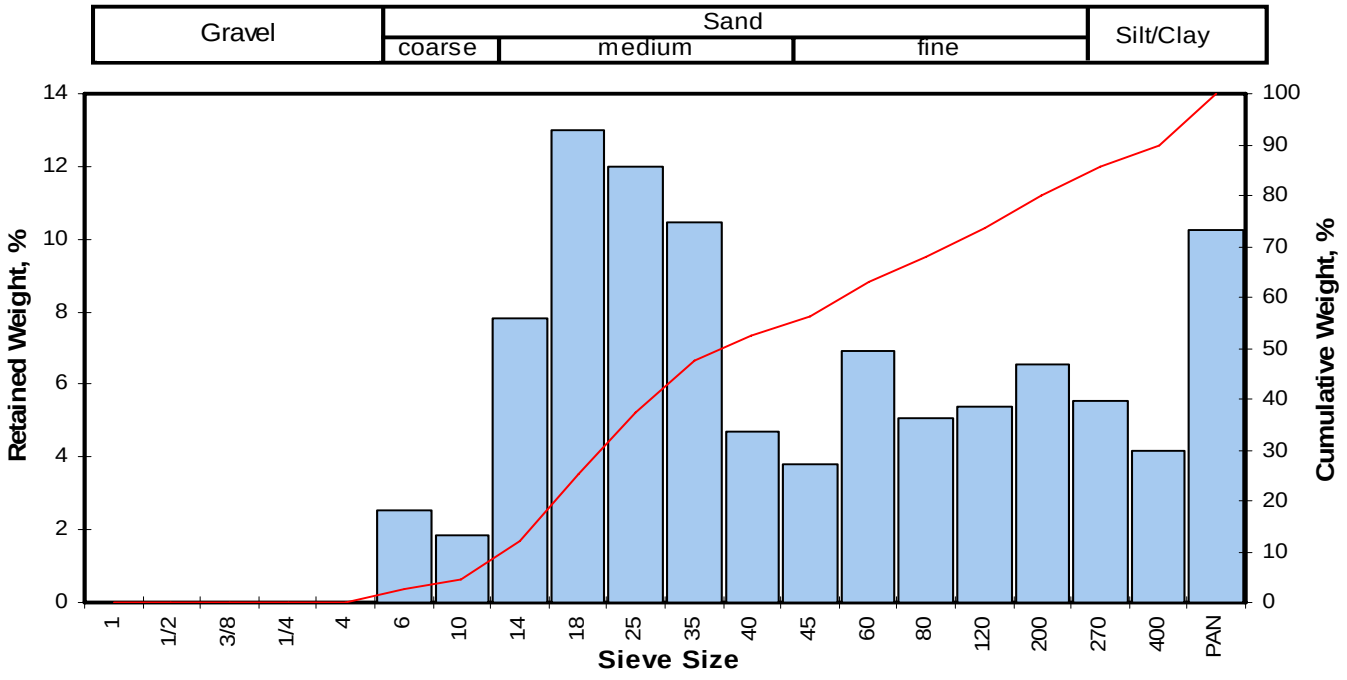
				25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (2,3) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (2,3) (cm/s)
OC-SS-000-20-04060⁴	N/A	V	26.4	0.268	2.62E-07
OC-SS-000-13-04060⁴	N/A	V	19.8	2.49	2.38E-06
OC-SG-06-04-041204	N/A	V	12.0	9.80	9.41E-06
OC-SG-06-08-041304	N/A	V	19.7	0.829	8.04E-07

(1) Sample Orientation: H = horizontal; V = vertical (2) Native State = As received with pore fluids in place (3) Permeability to water and conductivity measured at saturated conditions

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D422M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SS-000-13-040604
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Opening		Phi of	U.S. Sieve	Sample Weight	Incremental Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.9844	25.002	-4.64	1	0.00	0.00	0.00
0.4922	12.501	-3.64	1/2	0.00	0.00	0.00
0.3740	9.500	-3.25	3/8	0.00	0.00	0.00
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.26	2.54	2.54
0.0787	2.000	-1.00	10	0.19	1.85	4.39
0.0557	1.414	-0.50	14	0.80	7.80	12.20
0.0394	1.000	0.00	18	1.33	12.98	25.17
0.0278	0.707	0.50	25	1.23	12.00	37.17
0.0197	0.500	1.00	35	1.07	10.44	47.61
0.0166	0.420	1.25	40	0.48	4.68	52.29
0.0139	0.354	1.50	45	0.39	3.80	56.10
0.0098	0.250	2.00	60	0.71	6.93	63.02
0.0070	0.177	2.50	80	0.52	5.07	68.10
0.0049	0.125	3.00	120	0.55	5.37	73.46
0.0029	0.074	3.75	200	0.67	6.54	80.00
0.0021	0.053	4.25	270	0.57	5.56	85.56
0.0015	0.037	4.75	400	0.43	4.20	89.76
			PAN	1.05	10.24	100.00
TOTALS				10.25	100.00	100.00

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	-0.96	0.0766	1.947
10	-0.64	0.0614	1.559
16	-0.35	0.0503	1.278
25	-0.01	0.0396	1.005
40	0.64	0.0253	0.644
50	1.13	0.0180	0.458
60	1.78	0.0115	0.291
75	3.18	0.0044	0.111
84	4.11	0.0023	0.058
90	4.64	0.0016	0.040
95	2.32	0.0079	0.200

Measure	Trask	Inman	Folk-Ward
Median, phi	1.13	1.13	1.13
Median, in.	0.0180	0.0180	0.0180
Median, mm	0.458	0.458	0.458
Mean, phi	0.84	1.88	1.63
Mean, in.	0.0220	0.0107	0.0127
Mean, mm	0.558	0.272	0.324
Sorting	3.014	2.232	1.613
Skewness	0.728	0.336	0.031
Kurtosis	0.294	-0.265	0.422

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	4.39
Medium Sand	40	47.90
Fine Sand	200	27.71
Silt/Clay	<200	20.00
	Total	100

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SOIL CHEMISTRY DATA

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.0SS.Field

	METHODOLOGY:		WALKLEY-BLACK	EPA 9081	ASTM D1498
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	TOTAL ORGANIC CARBON (mg/kg)	CATION EXCHANGE CAPACITY (meq/100g)	OXIDATION REDUCTION POTENTIAL (mV)
OC-SS-000-20-040604	N/A	V	7300	15	310
OC-SS-000-13-040604	N/A	V	4600	13	300
OC-SG-06-04-041204	N/A	V	1600	15	300
OC-SG-06-08-041304	N/A	V	1750	14	280

(1) Sample Orientation: H = horizontal; V = vertical

PTS Laboratories, Inc.

CDM
PTS File No: 34256

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.0SS.Field

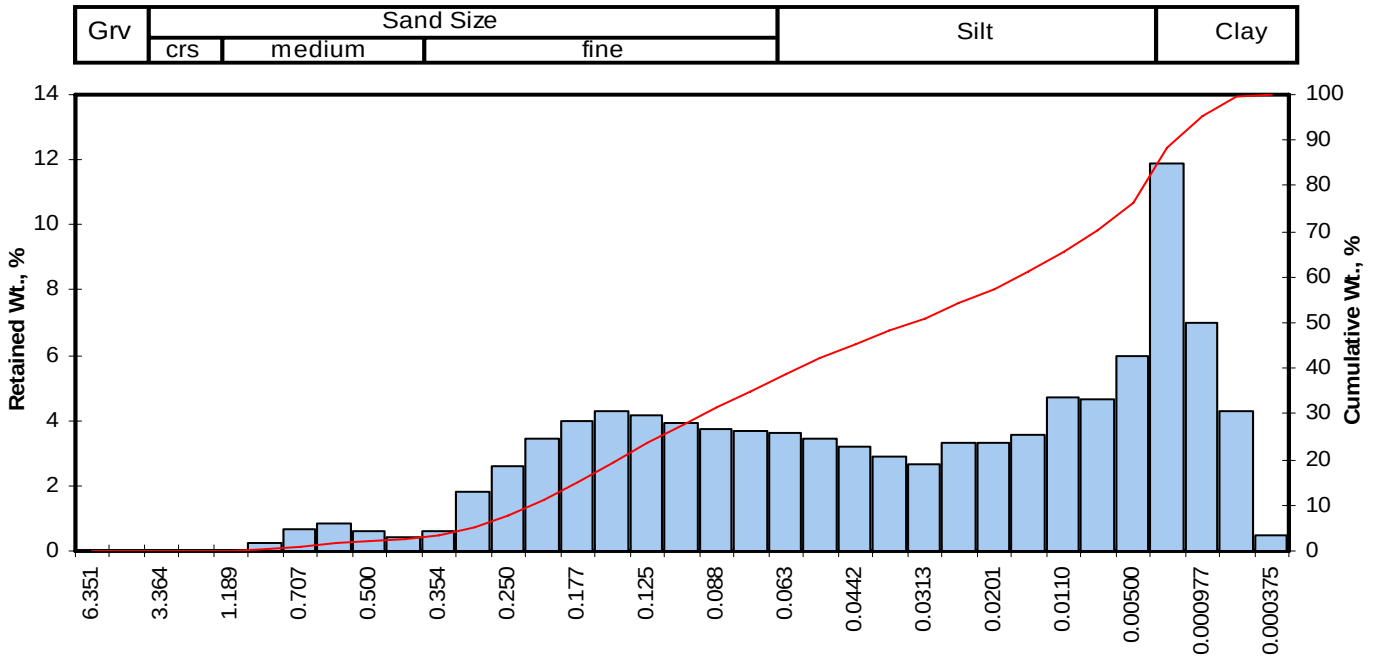
Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
OC-SS-000-20-040604	N/A	Silt	0.033	0.00	0.00	2.71	32.30	41.34	23.65	64.99
OC-SS-000-13-040604	N/A	Medium sand	0.458	0.00	4.39	47.90	27.71	(2)	(2)	20.00
OC-SG-06-04-041204	N/A	Medium sand	0.633	6.19	16.31	36.04	26.07	(2)	(2)	15.39
OC-SG-06-08-041304	N/A	Silt	0.022	0.00	0.00	7.70	17.29	51.10	23.90	75.01

(1) Based on Mean from Trask
(2) Dry sieve data does not differentiate silt/clay fractions

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SS-000-20-040604
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.22	0.22	0.22
0.0278	0.707	0.50	25	0.65	0.65	0.87
0.0234	0.595	0.75	30	0.82	0.82	1.69
0.0197	0.500	1.00	35	0.58	0.58	2.27
0.0166	0.420	1.25	40	0.44	0.44	2.71
0.0139	0.354	1.50	45	0.60	0.60	3.31
0.0117	0.297	1.75	50	1.80	1.80	5.11
0.0098	0.250	2.00	60	2.62	2.62	7.73
0.0083	0.210	2.25	70	3.45	3.45	11.18
0.0070	0.177	2.50	80	3.98	3.98	15.17
0.0059	0.149	2.75	100	4.31	4.31	19.48
0.0049	0.125	3.00	120	4.19	4.19	23.67
0.0041	0.105	3.25	140	3.93	3.93	27.60
0.0035	0.088	3.50	170	3.73	3.73	31.33
0.0029	0.074	3.75	200	3.68	3.68	35.01
0.0025	0.063	4.00	230	3.61	3.61	38.63
0.0021	0.053	4.25	270	3.44	3.44	42.07
0.00174	0.0442	4.50	325	3.17	3.17	45.24
0.00146	0.0372	4.75	400	2.89	2.89	48.13
0.00123	0.0313	5.00	450	2.68	2.68	50.81
0.000986	0.0250	5.32	500	3.30	3.30	54.11
0.000790	0.0201	5.64	635	3.30	3.30	57.41
0.000615	0.0156	6.00		3.58	3.58	60.99
0.000435	0.0110	6.50		4.72	4.72	65.72
0.000308	0.00781	7.00		4.63	4.63	70.35
0.000197	0.00500	7.65		6.00	6.00	76.35
0.000077	0.00195	9.00		11.90	11.90	88.26
0.000038	0.000977	10.00		7.00	7.00	95.26
0.000019	0.000488	11.00		4.28	4.28	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.73	0.0118	0.301
10	2.16	0.0088	0.223
16	2.55	0.0067	0.171
25	3.08	0.0046	0.118
40	4.10	0.0023	0.058
50	4.92	0.0013	0.033
60	5.90	0.0007	0.017
75	7.50	0.0002	0.006
84	8.52	0.0001	0.003
90	9.25	0.0001	0.002
95	9.96	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	4.92	4.92	4.92
Median, in.	0.0013	0.0013	0.0013
Median, mm	0.033	0.033	0.033
Mean, phi	4.02	5.53	5.33
Mean, in.	0.0024	0.0009	0.0010
Mean, mm	0.062	0.022	0.025
Sorting	4.619	2.984	2.739
Skewness	0.775	0.204	0.214
Kurtosis	0.254	0.379	0.764
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	2.71
Fine Sand	200	32.30
Silt	>0.005 mm	41.34
Clay	<0.005 mm	23.65
	Total	**100**

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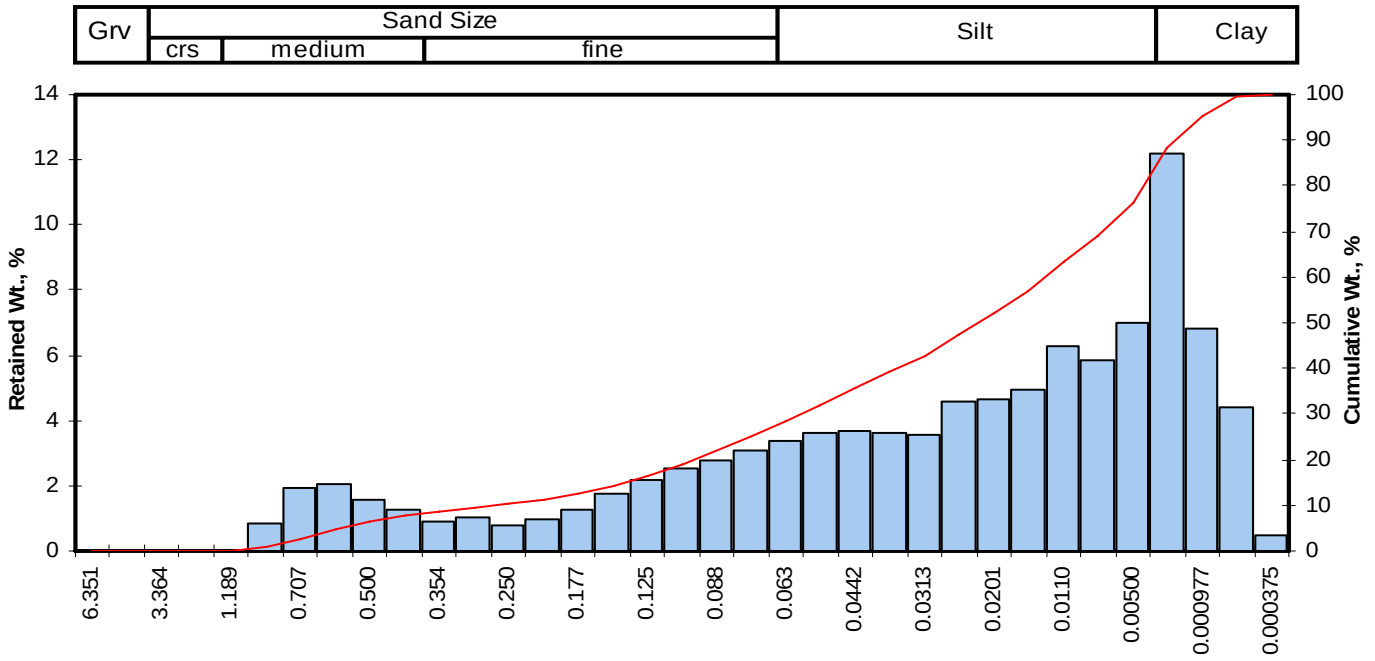
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SG-06-08-041304
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.84	0.84	0.84
0.0278	0.707	0.50	25	1.96	1.96	2.80
0.0234	0.595	0.75	30	2.03	2.03	4.83
0.0197	0.500	1.00	35	1.58	1.58	6.41
0.0166	0.420	1.25	40	1.29	1.29	7.70
0.0139	0.354	1.50	45	0.93	0.93	8.63
0.0117	0.297	1.75	50	1.04	1.04	9.67
0.0098	0.250	2.00	60	0.76	0.76	10.43
0.0083	0.210	2.25	70	0.94	0.94	11.37
0.0070	0.177	2.50	80	1.29	1.29	12.66
0.0059	0.149	2.75	100	1.75	1.75	14.41
0.0049	0.125	3.00	120	2.18	2.18	16.59
0.0041	0.105	3.25	140	2.55	2.55	19.13
0.0035	0.088	3.50	170	2.80	2.80	21.93
0.0029	0.074	3.75	200	3.06	3.06	24.99
0.0025	0.063	4.00	230	3.36	3.36	28.35
0.0021	0.053	4.25	270	3.61	3.61	31.96
0.00174	0.0442	4.50	325	3.70	3.70	35.66
0.00146	0.0372	4.75	400	3.65	3.65	39.31
0.00123	0.0313	5.00	450	3.58	3.58	42.89
0.000986	0.0250	5.32	500	4.58	4.58	47.47
0.000790	0.0201	5.64	635	4.63	4.63	52.09
0.000615	0.0156	6.00		4.92	4.92	57.01
0.000435	0.0110	6.50		6.26	6.26	63.27
0.000308	0.00781	7.00		5.83	5.83	69.10
0.000197	0.00500	7.65		7.00	7.00	76.10
0.000077	0.00195	9.00		12.20	12.20	88.29
0.000038	0.000977	10.00		6.85	6.85	95.14
0.000019	0.000488	11.00		4.38	4.38	99.52
0.000015	0.000375	11.38		0.48	0.48	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	0.78	0.0230	0.584
10	1.86	0.0108	0.276
16	2.93	0.0052	0.131
25	3.75	0.0029	0.074
40	4.80	0.0014	0.036
50	5.50	0.0009	0.022
60	6.24	0.0005	0.013
75	7.54	0.0002	0.005
84	8.52	0.0001	0.003
90	9.25	0.0001	0.002
95	9.98	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.50	5.50	5.50
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.022	0.022	0.022
Mean, phi	4.65	5.73	5.65
Mean, in.	0.0016	0.0007	0.0008
Mean, mm	0.040	0.019	0.020
Sorting	3.723	2.795	2.792
Skewness	0.900	0.083	0.029
Kurtosis	0.126	0.646	0.994
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	7.70
Fine Sand	200	17.29
Silt	>0.005 mm	51.10
Clay	<0.005 mm	23.90
	Total	**100**

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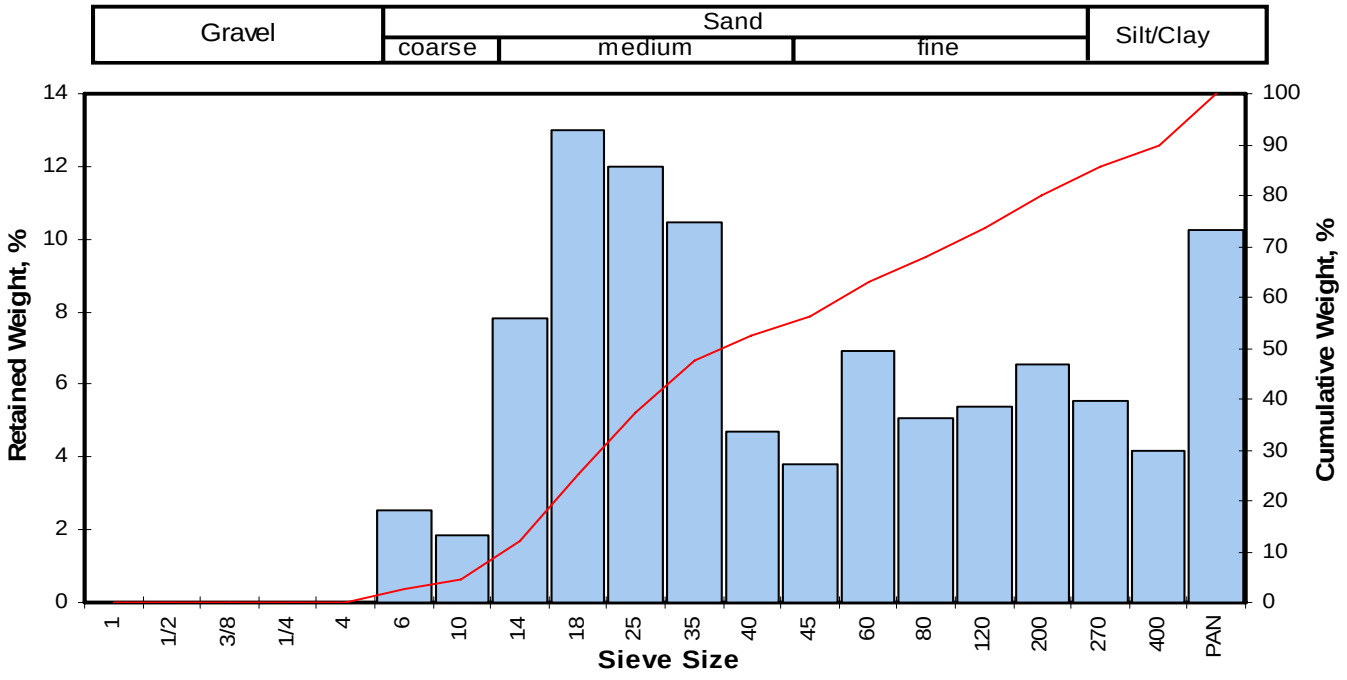
Particle Size Analysis - ASTM D422M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SS-000-13-040604
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Opening		Phi of	U.S. Sieve	Sample Weight	Incremental Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.9844	25.002	-4.64	1	0.00	0.00	0.00
0.4922	12.501	-3.64	1/2	0.00	0.00	0.00
0.3740	9.500	-3.25	3/8	0.00	0.00	0.00
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.26	2.54	2.54
0.0787	2.000	-1.00	10	0.19	1.85	4.39
0.0557	1.414	-0.50	14	0.80	7.80	12.20
0.0394	1.000	0.00	18	1.33	12.98	25.17
0.0278	0.707	0.50	25	1.23	12.00	37.17
0.0197	0.500	1.00	35	1.07	10.44	47.61
0.0166	0.420	1.25	40	0.48	4.68	52.29
0.0139	0.354	1.50	45	0.39	3.80	56.10
0.0098	0.250	2.00	60	0.71	6.93	63.02
0.0070	0.177	2.50	80	0.52	5.07	68.10
0.0049	0.125	3.00	120	0.55	5.37	73.46
0.0029	0.074	3.75	200	0.67	6.54	80.00
0.0021	0.053	4.25	270	0.57	5.56	85.56
0.0015	0.037	4.75	400	0.43	4.20	89.76
			PAN	1.05	10.24	100.00
TOTALS				10.25	100.00	100.00

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	-0.96	0.0766	1.947
10	-0.64	0.0614	1.559
16	-0.35	0.0503	1.278
25	-0.01	0.0396	1.005
40	0.64	0.0253	0.644
50	1.13	0.0180	0.458
60	1.78	0.0115	0.291
75	3.18	0.0044	0.111
84	4.11	0.0023	0.058
90	4.64	0.0016	0.040
95	2.32	0.0079	0.200

Measure	Trask	Inman	Folk-Ward
Median, phi	1.13	1.13	1.13
Median, in.	0.0180	0.0180	0.0180
Median, mm	0.458	0.458	0.458
Mean, phi	0.84	1.88	1.63
Mean, in.	0.0220	0.0107	0.0127
Mean, mm	0.558	0.272	0.324
Sorting	3.014	2.232	1.613
Skewness	0.728	0.336	0.031
Kurtosis	0.294	-0.265	0.422

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	4.39
Medium Sand	40	47.90
Fine Sand	200	27.71
Silt/Clay	<200	20.00
	Total	100

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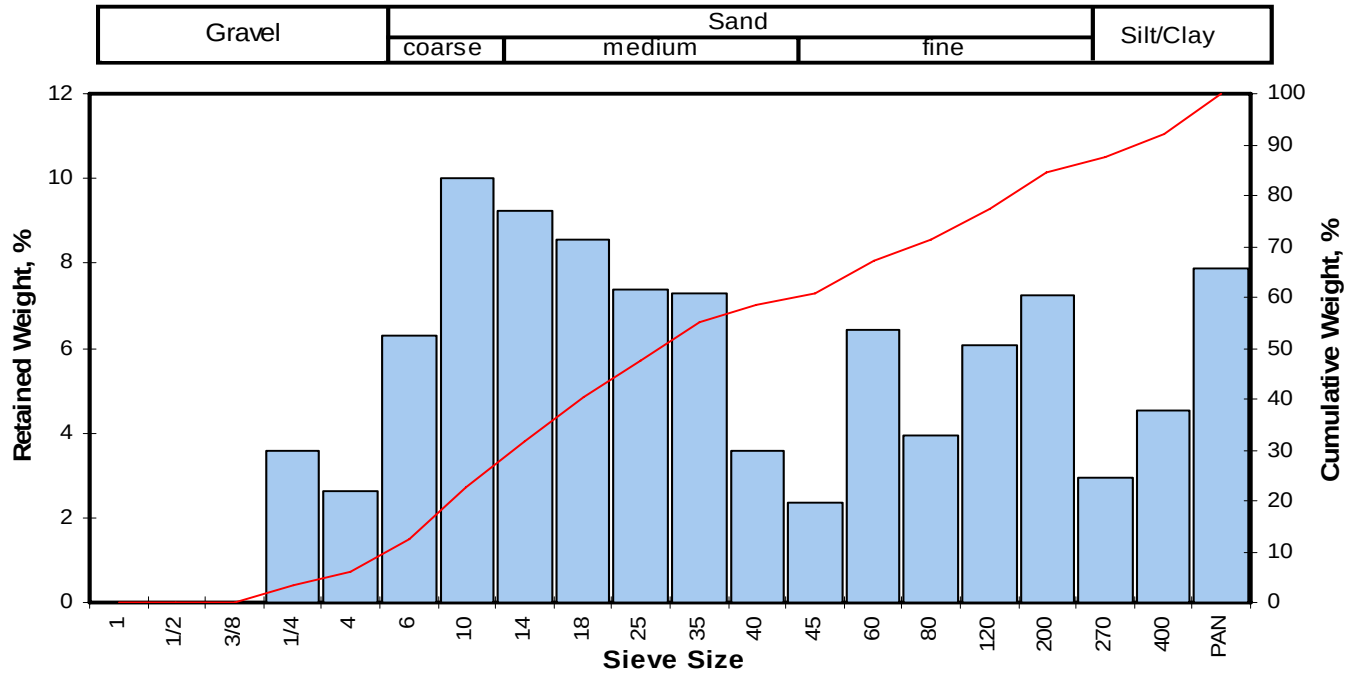
PTS Laboratories, Inc.

Particle Size Analysis - ASTM D422M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SG-06-04-041204
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Opening		Phi of	U.S. Sieve	Sample Weight	Incremental Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.9844	25.002	-4.64	1	0.00	0.00	0.00
0.4922	12.501	-3.64	1/2	0.00	0.00	0.00
0.3740	9.500	-3.25	3/8	0.00	0.00	0.00
0.2500	6.351	-2.67	1/4	0.70	3.58	3.58
0.1873	4.757	-2.25	4	0.51	2.61	6.19
0.1324	3.364	-1.75	6	1.23	6.29	12.47
0.0787	2.000	-1.00	10	1.96	10.02	22.49
0.0557	1.414	-0.50	14	1.81	9.25	31.75
0.0394	1.000	0.00	18	1.67	8.54	40.29
0.0278	0.707	0.50	25	1.44	7.36	47.65
0.0197	0.500	1.00	35	1.43	7.31	54.96
0.0166	0.420	1.25	40	0.70	3.58	58.54
0.0139	0.354	1.50	45	0.46	2.35	60.89
0.0098	0.250	2.00	60	1.26	6.44	67.33
0.0070	0.177	2.50	80	0.77	3.94	71.27
0.0049	0.125	3.00	120	1.19	6.08	77.35
0.0029	0.074	3.75	200	1.42	7.26	84.61
0.0021	0.053	4.25	270	0.58	2.97	87.58
0.0015	0.037	4.75	400	0.89	4.55	92.13
			PAN	1.54	7.87	100.00
TOTALS				19.56	100.00	100.00

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	-2.44	0.2136	5.425
10	-1.95	0.1518	3.855
16	-1.49	0.1103	2.801
25	-0.86	0.0717	1.821
40	-0.02	0.0398	1.012
50	0.66	0.0249	0.633
60	1.41	0.0149	0.378
75	2.81	0.0056	0.143
84	3.69	0.0031	0.078
90	4.52	0.0017	0.044
95	3.02	0.0049	0.124

Measure	Trask	Inman	Folk-Ward
Median, phi	0.66	0.66	0.66
Median, in.	0.0249	0.0249	0.0249
Median, mm	0.633	0.633	0.633
Mean, phi	0.03	1.10	0.95
Mean, in.	0.0387	0.0184	0.0203
Mean, mm	0.982	0.466	0.516
Sorting	3.569	2.586	2.120
Skewness	0.807	0.170	0.017
Kurtosis	0.220	0.055	0.609

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	6.19
Coarse Sand	10	16.31
Medium Sand	40	36.04
Fine Sand	200	26.07
Silt/Clay	<200	15.39
	Total	100

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PHYSICAL PROPERTIES DATA

PROJECT NAME: n/a
PROJECT NO: 10500-37240-T2.0SS.Field

	METHODOLOGY:	ASTM D2216	SM 2580B	EPA 9081	WALKLEY-BLACK	ASTM D5084	
						25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	REDOX (mV)	CATION EXCHANGE (meq/100g)	TOTAL ORGANIC CARBON (mg/kg)	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (2,3) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (2,3) (cm/s)
GP3A-015	15	v	18.2	260	10.0	2450	0.838	7.89E-07
GP3A-030	30	v	22.6	310	18.0	2900	0.035	3.32E-08
GP3A-057	57	v	35.9	260	11.0	1450	0.227	2.14E-07
GP3A-070	70	v	23.3	300	13.0	1750	0.051	4.66E-08
GP3A-084	84	v	20.8	270	10.0	1400	0.206	1.90E-07
GP2-015	15	v	16.3	260	6.1	1850	0.326	3.01E-07
GP2-033	33	v	17.0	280	10.0	970	0.390	3.62E-07
GP2-045	45	v	19.6	300	13.0	1250	0.042	3.92E-08
GP2-060	60	v	18.8	320	14.0	1500	0.015	1.39E-08
GP2-085	85	v	19.8	300	13.0	1100	0.311	2.92E-07
GP1-015	15	v	25.6	230	8.7	2700	0.461	4.35E-07
GP1-035	35	v	6.1	250	2.6	790	103	9.38E-05
GP1-055	55	v	19.0	290	14.0	2450	0.051	4.72E-08
GP1-070	70	v	24.5	260	14.0	2700	0.125	1.15E-07
GP1-080	80	v	17.4	240	17.0	2100	0.031	2.87E-08

(1) Sample Orientation: H = horizontal; V = vertical (2) Native State = As received with pore fluids in place (3) Permeability to water and conductivity measured at saturated conditions

PTS Laboratories, Inc.

CDM
PTS File No: 33735

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.0SS. Field

Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
GP3A-015	15	Silt	0.026	0.00	0.00	1.85	22.17	53.24	22.73	75.97
GP3A-030	30	Silt	0.024	0.00	0.00	0.46	19.03	58.66	21.84	80.50
GP3A-057	57	Silt	0.029	0.00	0.00	5.96	21.84	50.64	21.56	72.20
GP3A-070	70	Silt	0.020	0.00	0.00	1.78	21.47	52.95	23.81	76.75
GP3A-084	84	Silt	0.026	0.00	0.00	0.50	20.94	55.90	22.65	78.55
GP2-015	15	Silt	0.031	0.00	0.00	3.71	23.54	52.53	20.22	72.75
GP2-033	33	Silt	0.024	0.00	0.00	2.99	18.47	55.23	23.31	78.54
GP2-045	45	Silt	0.026	0.00	0.00	0.98	22.05	54.92	22.05	76.97
GP2-060	60	Silt	0.028	0.00	0.00	2.93	25.13	50.28	21.66	71.94
GP2-085	85	Silt	0.032	0.00	0.00	0.22	24.15	56.43	19.21	75.63
GP1-015	15	Silt	0.023	0.00	0.00	1.92	19.07	55.13	23.88	79.01
GP1-035	35	Medium sand	0.441	0.00	0.00	51.78	34.98	9.89	3.35	13.24
GP1-055	55	Silt	0.013	0.00	0.00	0.00	10.34	59.23	30.43	89.66
GP1-070	70	Silt	0.019	0.00	0.00	0.04	15.27	58.69	26.00	84.69
GP1-080	80	Silt	0.023	0.00	0.00	3.25	21.70	48.44	26.62	75.05

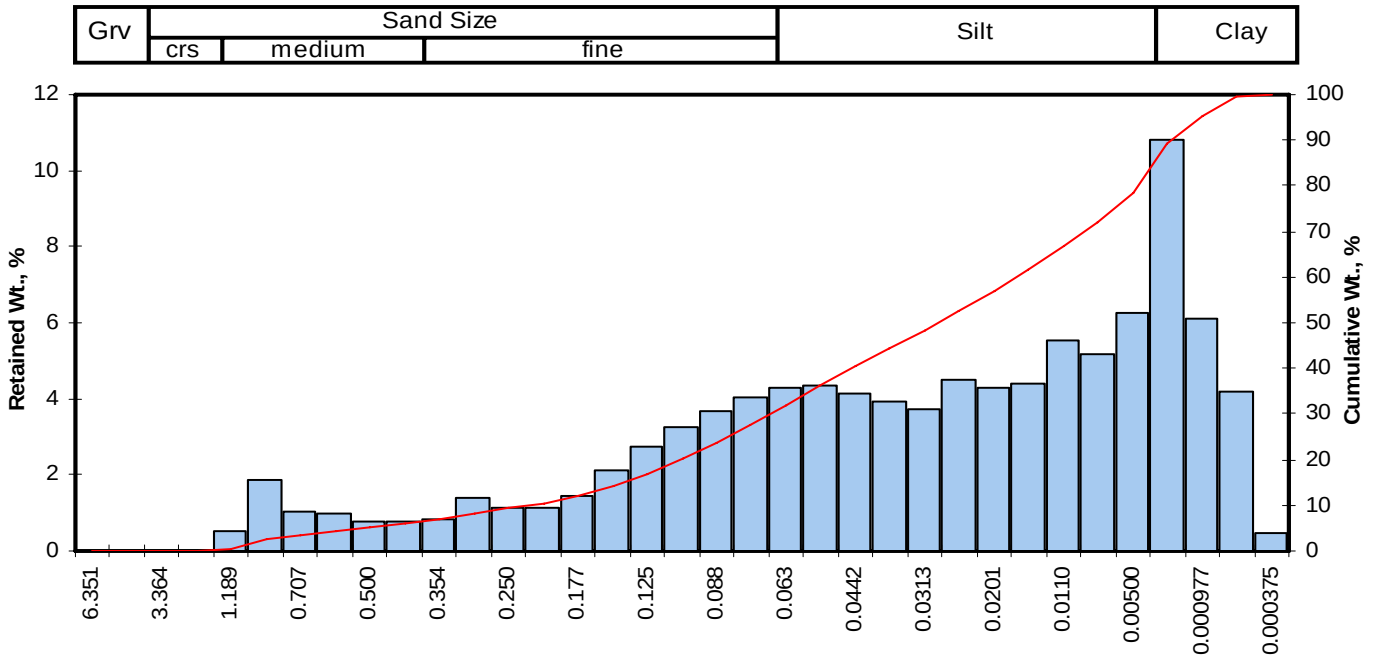
(1) Based on Mean from Trask

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP3A-057
Depth, ft: 57.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.52	0.52	0.52
0.0331	0.841	0.25	20	1.86	1.86	2.38
0.0278	0.707	0.50	25	1.04	1.04	3.42
0.0234	0.595	0.75	30	0.96	0.96	4.38
0.0197	0.500	1.00	35	0.79	0.79	5.17
0.0166	0.420	1.25	40	0.79	0.79	5.96
0.0139	0.354	1.50	45	0.83	0.83	6.79
0.0117	0.297	1.75	50	1.38	1.38	8.17
0.0098	0.250	2.00	60	1.16	1.16	9.33
0.0083	0.210	2.25	70	1.15	1.15	10.48
0.0070	0.177	2.50	80	1.45	1.45	11.93
0.0059	0.149	2.75	100	2.14	2.14	14.07
0.0049	0.125	3.00	120	2.76	2.76	16.83
0.0041	0.105	3.25	140	3.26	3.26	20.09
0.0035	0.088	3.50	170	3.66	3.66	23.75
0.0029	0.074	3.75	200	4.05	4.05	27.80
0.0025	0.063	4.00	230	4.29	4.29	32.09
0.0021	0.053	4.25	270	4.32	4.32	36.41
0.00174	0.0442	4.50	325	4.16	4.16	40.57
0.00146	0.0372	4.75	400	3.93	3.93	44.50
0.00123	0.0313	5.00	450	3.72	3.72	48.22
0.000986	0.0250	5.32	500	4.52	4.52	52.74
0.000790	0.0201	5.64	635	4.30	4.30	57.04
0.000615	0.0156	6.00		4.42	4.42	61.46
0.000435	0.0110	6.50		5.53	5.53	66.99
0.000308	0.00781	7.00		5.17	5.17	72.16
0.000197	0.00500	7.65		6.28	6.28	78.44
0.000077	0.00195	9.00		10.80	10.80	89.24
0.000038	0.000977	10.00		6.12	6.12	95.36
0.000019	0.000488	11.00		4.17	4.17	99.53
0.000015	0.000375	11.38		0.47	0.47	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.95	0.0204	0.519
10	2.15	0.0089	0.226
16	2.92	0.0052	0.132
25	3.58	0.0033	0.084
40	4.47	0.0018	0.045
50	5.13	0.0011	0.029
60	5.88	0.0007	0.017
75	7.29	0.0003	0.006
84	8.34	0.0001	0.003
90	9.12	0.0001	0.002
95	9.94	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.13	5.13	5.13
Median, in.	0.0011	0.0011	0.0011
Median, mm	0.029	0.029	0.029
Mean, phi	4.47	5.63	5.46
Mean, in.	0.0018	0.0008	0.0009
Mean, mm	0.045	0.020	0.023
Sorting	3.623	2.709	2.717
Skewness	0.808	0.187	0.129
Kurtosis	0.173	0.660	0.992

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	5.96
Fine Sand	200	21.84
Silt	>0.005 mm	50.64
Clay	<0.005 mm	21.56
	Total	**100**

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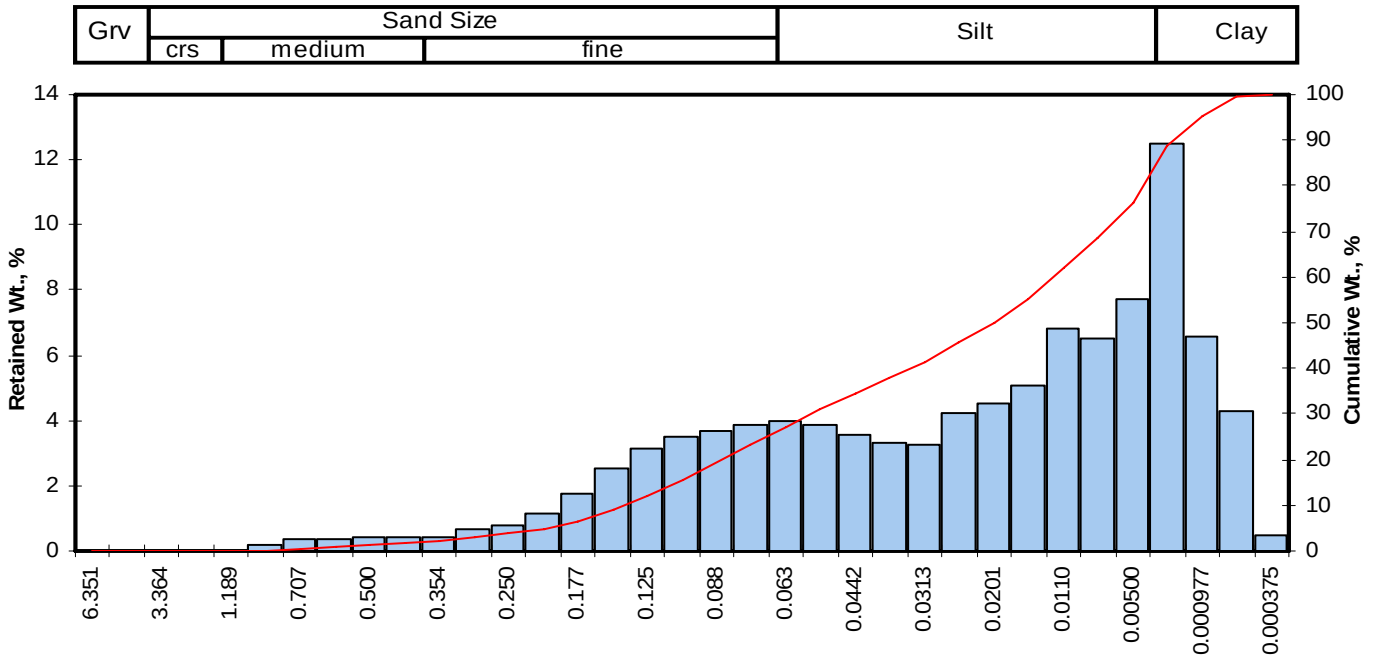
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP3A-070
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	70.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.20	0.20	0.20
0.0278	0.707	0.50	25	0.37	0.37	0.57
0.0234	0.595	0.75	30	0.39	0.39	0.96
0.0197	0.500	1.00	35	0.40	0.40	1.36
0.0166	0.420	1.25	40	0.42	0.42	1.78
0.0139	0.354	1.50	45	0.40	0.40	2.18
0.0117	0.297	1.75	50	0.69	0.69	2.87
0.0098	0.250	2.00	60	0.80	0.80	3.67
0.0083	0.210	2.25	70	1.16	1.16	4.83
0.0070	0.177	2.50	80	1.72	1.72	6.55
0.0059	0.149	2.75	100	2.52	2.52	9.07
0.0049	0.125	3.00	120	3.13	3.13	12.20
0.0041	0.105	3.25	140	3.47	3.47	15.67
0.0035	0.088	3.50	170	3.68	3.68	19.36
0.0029	0.074	3.75	200	3.89	3.89	23.25
0.0025	0.063	4.00	230	3.99	3.99	27.24
0.0021	0.053	4.25	270	3.86	3.86	31.10
0.00174	0.0442	4.50	325	3.58	3.58	34.68
0.00146	0.0372	4.75	400	3.33	3.33	38.01
0.00123	0.0313	5.00	450	3.24	3.24	41.25
0.000986	0.0250	5.32	500	4.25	4.25	45.50
0.000790	0.0201	5.64	635	4.52	4.52	50.03
0.000615	0.0156	6.00		5.08	5.08	55.11
0.000435	0.0110	6.50		6.82	6.82	61.93
0.000308	0.00781	7.00		6.52	6.52	68.45
0.000197	0.00500	7.65		7.74	7.74	76.19
0.000077	0.00195	9.00		12.50	12.50	88.70
0.000038	0.000977	10.00		6.55	6.55	95.25
0.000019	0.000488	11.00		4.27	4.27	99.52
0.000015	0.000375	11.38		0.48	0.48	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.27	0.0081	0.207
10	2.82	0.0056	0.141
16	3.27	0.0041	0.104
25	3.86	0.0027	0.069
40	4.90	0.0013	0.033
50	5.64	0.0008	0.020
60	6.36	0.0005	0.012
75	7.55	0.0002	0.005
84	8.49	0.0001	0.003
90	9.20	0.0001	0.002
95	9.96	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.64	5.64	5.64
Median, in.	0.0008	0.0008	0.0008
Median, mm	0.020	0.020	0.020
Mean, phi	4.75	5.88	5.80
Mean, in.	0.0015	0.0007	0.0007
Mean, mm	0.037	0.017	0.018
Sorting	3.587	2.609	2.470
Skewness	0.956	0.093	0.109
Kurtosis	0.228	0.473	0.855
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	1.78
Fine Sand	200	21.47
Silt	>0.005 mm	52.95
Clay	<0.005 mm	23.81
	Total	**100**

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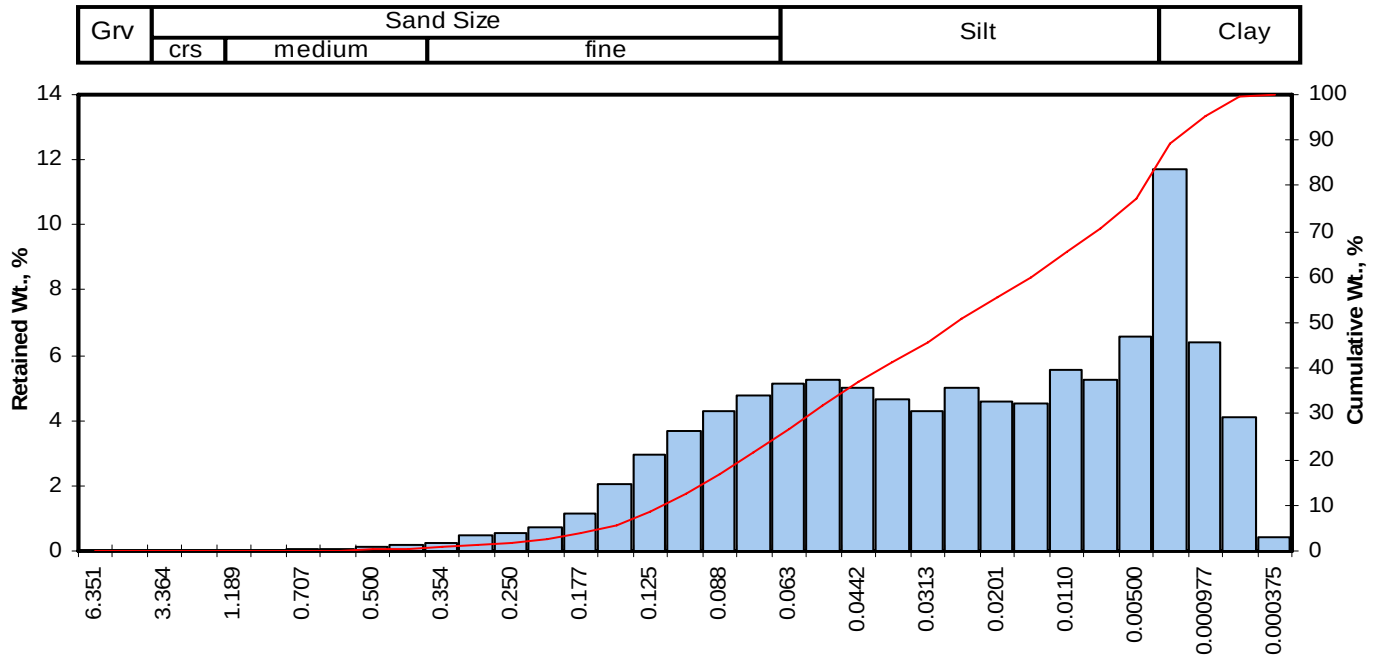
Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP3A-084
Depth, ft: 84.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.02	0.02	0.02
0.0278	0.707	0.50	25	0.04	0.04	0.06
0.0234	0.595	0.75	30	0.09	0.09	0.15
0.0197	0.500	1.00	35	0.15	0.15	0.30
0.0166	0.420	1.25	40	0.20	0.20	0.50
0.0139	0.354	1.50	45	0.24	0.24	0.74
0.0117	0.297	1.75	50	0.50	0.50	1.24
0.0098	0.250	2.00	60	0.57	0.57	1.81
0.0083	0.210	2.25	70	0.74	0.74	2.55
0.0070	0.177	2.50	80	1.16	1.16	3.71
0.0059	0.149	2.75	100	2.03	2.03	5.74
0.0049	0.125	3.00	120	2.96	2.96	8.70
0.0041	0.105	3.25	140	3.71	3.71	12.41
0.0035	0.088	3.50	170	4.27	4.27	16.68
0.0029	0.074	3.75	200	4.77	4.77	21.45
0.0025	0.063	4.00	230	5.15	5.15	26.60
0.0021	0.053	4.25	270	5.25	5.25	31.85
0.00174	0.0442	4.50	325	5.04	5.04	36.89
0.00146	0.0372	4.75	400	4.65	4.65	41.53
0.00123	0.0313	5.00	450	4.27	4.27	45.80
0.000986	0.0250	5.32	500	5.04	5.04	50.84
0.000790	0.0201	5.64	635	4.59	4.59	55.43
0.000615	0.0156	6.00		4.53	4.53	59.96
0.000435	0.0110	6.50		5.56	5.56	65.52
0.000308	0.00781	7.00		5.27	5.27	70.79
0.000197	0.00500	7.65		6.56	6.56	77.35
0.000077	0.00195	9.00		11.70	11.70	89.04
0.000038	0.000977	10.00		6.41	6.41	95.45
0.000019	0.000488	11.00		4.10	4.10	99.55
0.000015	0.000375	11.38		0.45	0.45	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.66	0.0062	0.158
10	3.09	0.0046	0.118
16	3.46	0.0036	0.091
25	3.92	0.0026	0.066
40	4.67	0.0015	0.039
50	5.27	0.0010	0.026
60	6.00	0.0006	0.016
75	7.41	0.0002	0.006
84	8.42	0.0001	0.003
90	9.15	0.0001	0.002
95	9.93	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.27	5.27	5.27
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.026	0.026	0.026
Mean, phi	4.80	5.94	5.71
Mean, in.	0.0014	0.0006	0.0007
Mean, mm	0.036	0.016	0.019
Sorting	3.354	2.478	2.341
Skewness	0.757	0.271	0.277
Kurtosis	0.259	0.467	0.853

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.50
Fine Sand	200	20.94
Silt	>0.005 mm	55.90
Clay	<0.005 mm	22.65
	Total	**100**

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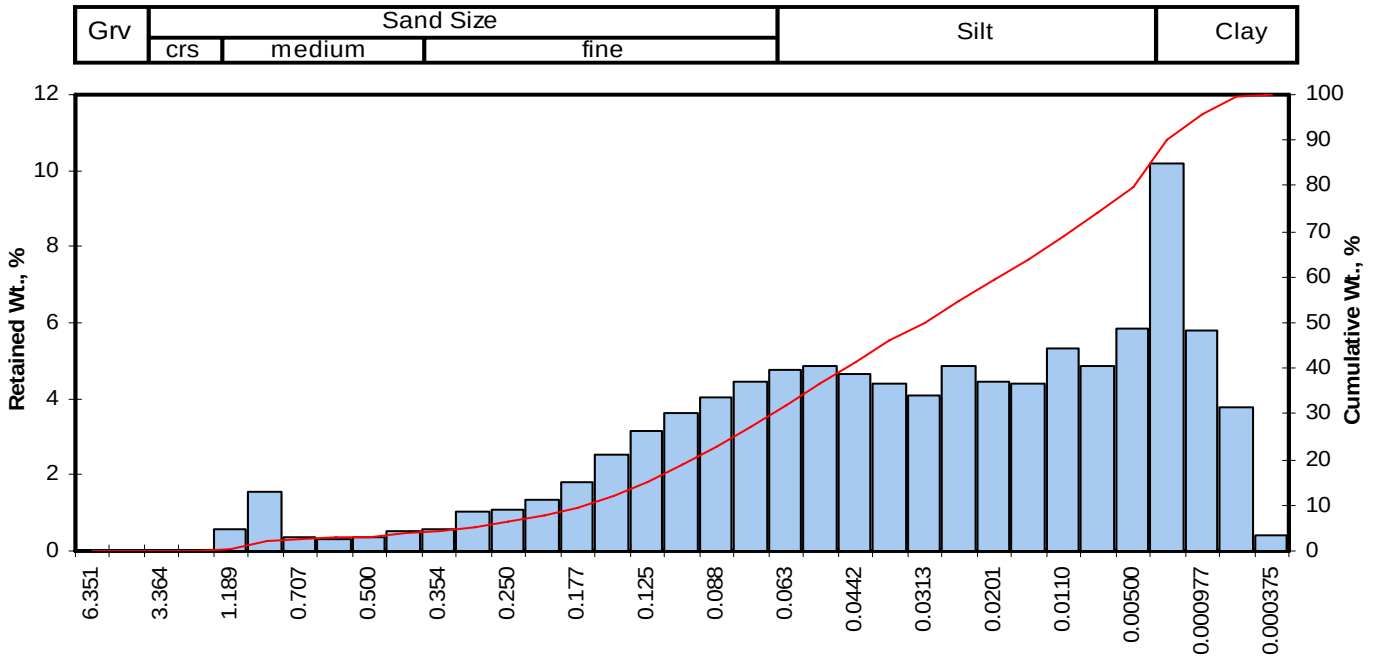
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-015
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	15.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.58	0.58	0.58
0.0331	0.841	0.25	20	1.56	1.56	2.14
0.0278	0.707	0.50	25	0.38	0.38	2.52
0.0234	0.595	0.75	30	0.30	0.30	2.82
0.0197	0.500	1.00	35	0.37	0.37	3.19
0.0166	0.420	1.25	40	0.52	0.52	3.71
0.0139	0.354	1.50	45	0.58	0.58	4.29
0.0117	0.297	1.75	50	1.03	1.03	5.32
0.0098	0.250	2.00	60	1.07	1.07	6.39
0.0083	0.210	2.25	70	1.34	1.34	7.73
0.0070	0.177	2.50	80	1.80	1.80	9.53
0.0059	0.149	2.75	100	2.51	2.51	12.04
0.0049	0.125	3.00	120	3.13	3.13	15.17
0.0041	0.105	3.25	140	3.61	3.61	18.78
0.0035	0.088	3.50	170	4.02	4.02	22.80
0.0029	0.074	3.75	200	4.45	4.45	27.25
0.0025	0.063	4.00	230	4.76	4.76	32.01
0.0021	0.053	4.25	270	4.84	4.84	36.85
0.00174	0.0442	4.50	325	4.68	4.68	41.53
0.00146	0.0372	4.75	400	4.40	4.40	45.93
0.00123	0.0313	5.00	450	4.10	4.10	50.03
0.000986	0.0250	5.32	500	4.87	4.87	54.90
0.000790	0.0201	5.64	635	4.46	4.46	59.36
0.000615	0.0156	6.00		4.40	4.40	63.76
0.000435	0.0110	6.50		5.31	5.31	69.07
0.000308	0.00781	7.00		4.86	4.86	73.93
0.000197	0.00500	7.65		5.85	5.85	79.78
0.000077	0.00195	9.00		10.20	10.20	89.98
0.000038	0.000977	10.00		5.80	5.80	95.78
0.000019	0.000488	11.00		3.80	3.80	99.58
0.000015	0.000375	11.38		0.42	0.42	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.67	0.0124	0.314
10	2.55	0.0067	0.171
16	3.06	0.0047	0.120
25	3.62	0.0032	0.081
40	4.42	0.0018	0.047
50	5.00	0.0012	0.031
60	5.69	0.0008	0.019
75	7.12	0.0003	0.007
84	8.21	0.0001	0.003
90	9.00	0.0001	0.002
95	9.87	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.00	5.00	5.00
Median, in.	0.0012	0.0012	0.0012
Median, mm	0.031	0.031	0.031
Mean, phi	4.50	5.63	5.42
Mean, in.	0.0017	0.0008	0.0009
Mean, mm	0.044	0.020	0.023
Sorting	3.357	2.574	2.528
Skewness	0.772	0.246	0.217
Kurtosis	0.218	0.591	0.961
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	3.71
Fine Sand	200	23.54
Silt	>0.005 mm	52.53
Clay	<0.005 mm	20.22
	Total	**100**

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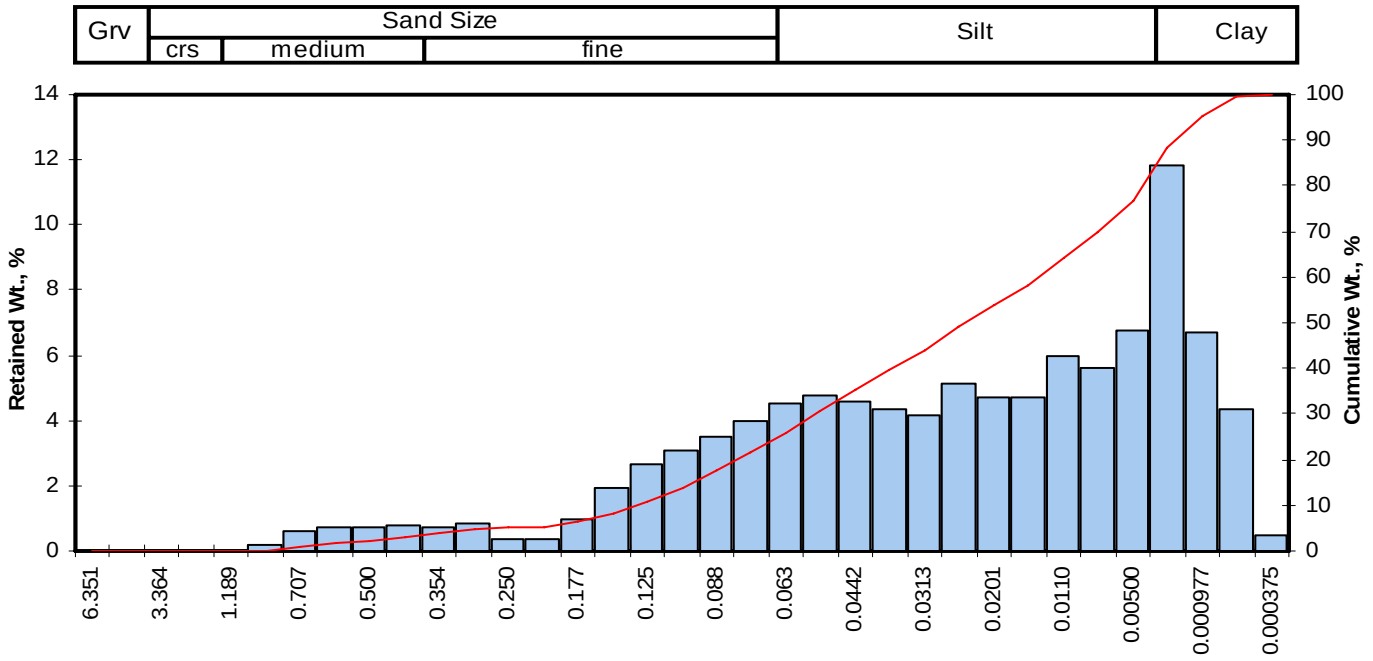
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-033
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	33.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.20	0.20	0.20
0.0278	0.707	0.50	25	0.58	0.58	0.78
0.0234	0.595	0.75	30	0.74	0.74	1.52
0.0197	0.500	1.00	35	0.70	0.70	2.22
0.0166	0.420	1.25	40	0.77	0.77	2.99
0.0139	0.354	1.50	45	0.74	0.74	3.73
0.0117	0.297	1.75	50	0.86	0.86	4.59
0.0098	0.250	2.00	60	0.37	0.37	4.96
0.0083	0.210	2.25	70	0.37	0.37	5.33
0.0070	0.177	2.50	80	0.95	0.95	6.28
0.0059	0.149	2.75	100	1.96	1.96	8.24
0.0049	0.125	3.00	120	2.66	2.66	10.90
0.0041	0.105	3.25	140	3.09	3.09	13.99
0.0035	0.088	3.50	170	3.47	3.47	17.46
0.0029	0.074	3.75	200	4.00	4.00	21.46
0.0025	0.063	4.00	230	4.52	4.52	25.98
0.0021	0.053	4.25	270	4.74	4.74	30.72
0.00174	0.0442	4.50	325	4.61	4.61	35.33
0.00146	0.0372	4.75	400	4.37	4.37	39.70
0.00123	0.0313	5.00	450	4.19	4.19	43.89
0.000986	0.0250	5.32	500	5.12	5.12	49.01
0.000790	0.0201	5.64	635	4.69	4.69	53.70
0.000615	0.0156	6.00		4.69	4.69	58.39
0.000435	0.0110	6.50		5.97	5.97	64.36
0.000308	0.00781	7.00		5.59	5.59	69.95
0.000197	0.00500	7.65		6.74	6.74	76.69
0.000077	0.00195	9.00		11.80	11.80	88.49
0.000038	0.000977	10.00		6.72	6.72	95.21
0.000019	0.000488	11.00		4.32	4.32	99.53
0.000015	0.000375	11.38		0.47	0.47	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.03	0.0097	0.245
10	2.92	0.0052	0.133
16	3.39	0.0037	0.095
25	3.95	0.0026	0.065
40	4.77	0.0014	0.037
50	5.39	0.0009	0.024
60	6.13	0.0006	0.014
75	7.48	0.0002	0.006
84	8.48	0.0001	0.003
90	9.22	0.0001	0.002
95	9.97	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.39	5.39	5.39
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.024	0.024	0.024
Mean, phi	4.83	5.94	5.76
Mean, in.	0.0014	0.0006	0.0007
Mean, mm	0.035	0.016	0.019
Sorting	3.408	2.545	2.476
Skewness	0.797	0.217	0.185
Kurtosis	0.227	0.560	0.920

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	2.99
Fine Sand	200	18.47
Silt	>0.005 mm	55.23
Clay	<0.005 mm	23.31
	Total	**100**

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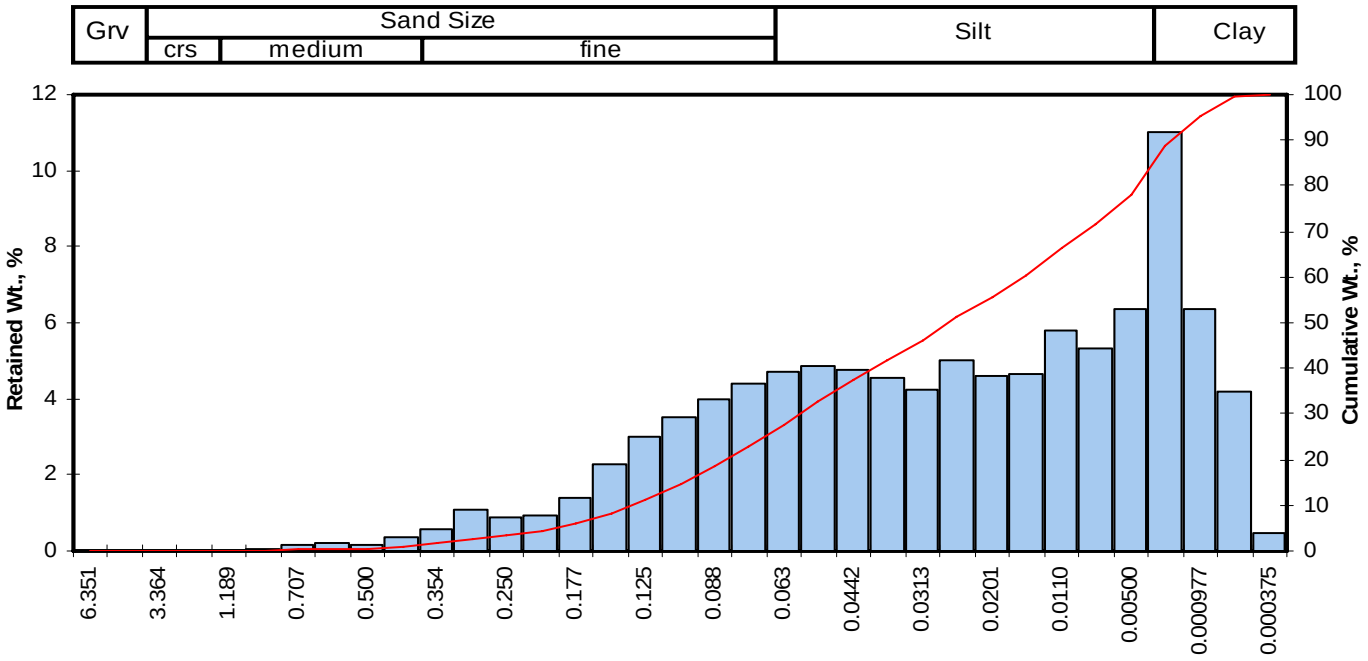
Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP2-045
Depth, ft: 45.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.06	0.06	0.06
0.0278	0.707	0.50	25	0.18	0.18	0.24
0.0234	0.595	0.75	30	0.20	0.20	0.44
0.0197	0.500	1.00	35	0.18	0.18	0.62
0.0166	0.420	1.25	40	0.36	0.36	0.98
0.0139	0.354	1.50	45	0.58	0.58	1.56
0.0117	0.297	1.75	50	1.08	1.08	2.64
0.0098	0.250	2.00	60	0.89	0.89	3.53
0.0083	0.210	2.25	70	0.94	0.94	4.47
0.0070	0.177	2.50	80	1.38	1.38	5.85
0.0059	0.149	2.75	100	2.25	2.25	8.11
0.0049	0.125	3.00	120	2.99	2.99	11.10
0.0041	0.105	3.25	140	3.54	3.54	14.64
0.0035	0.088	3.50	170	3.98	3.98	18.62
0.0029	0.074	3.75	200	4.41	4.41	23.03
0.0025	0.063	4.00	230	4.72	4.72	27.76
0.0021	0.053	4.25	270	4.85	4.85	32.61
0.00174	0.0442	4.50	325	4.77	4.77	37.38
0.00146	0.0372	4.75	400	4.53	4.53	41.91
0.00123	0.0313	5.00	450	4.23	4.23	46.14
0.000986	0.0250	5.32	500	5.02	5.02	51.17
0.000790	0.0201	5.64	635	4.62	4.62	55.79
0.000615	0.0156	6.00		4.65	4.65	60.44
0.000435	0.0110	6.50		5.78	5.78	66.22
0.000308	0.00781	7.00		5.34	5.34	71.57
0.000197	0.00500	7.65		6.38	6.38	77.95
0.000077	0.00195	9.00		11.00	11.01	88.95
0.000038	0.000977	10.00		6.38	6.38	95.34
0.000019	0.000488	11.00		4.20	4.20	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	2.35	0.0077	0.197
10	2.91	0.0052	0.133
16	3.34	0.0039	0.099
25	3.85	0.0027	0.069
40	4.64	0.0016	0.040
50	5.25	0.0010	0.026
60	5.97	0.0006	0.016
75	7.35	0.0002	0.006
84	8.39	0.0001	0.003
90	9.16	0.0001	0.002
95	9.95	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.25	5.25	5.25
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.026	0.026	0.026
Mean, phi	4.73	5.86	5.66
Mean, in.	0.0015	0.0007	0.0008
Mean, mm	0.038	0.017	0.020
Sorting	3.355	2.527	2.415
Skewness	0.782	0.244	0.241
Kurtosis	0.240	0.504	0.892

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.98
Fine Sand	200	22.05
Silt	>0.005 mm	54.92
Clay	<0.005 mm	22.05
	Total	**100**

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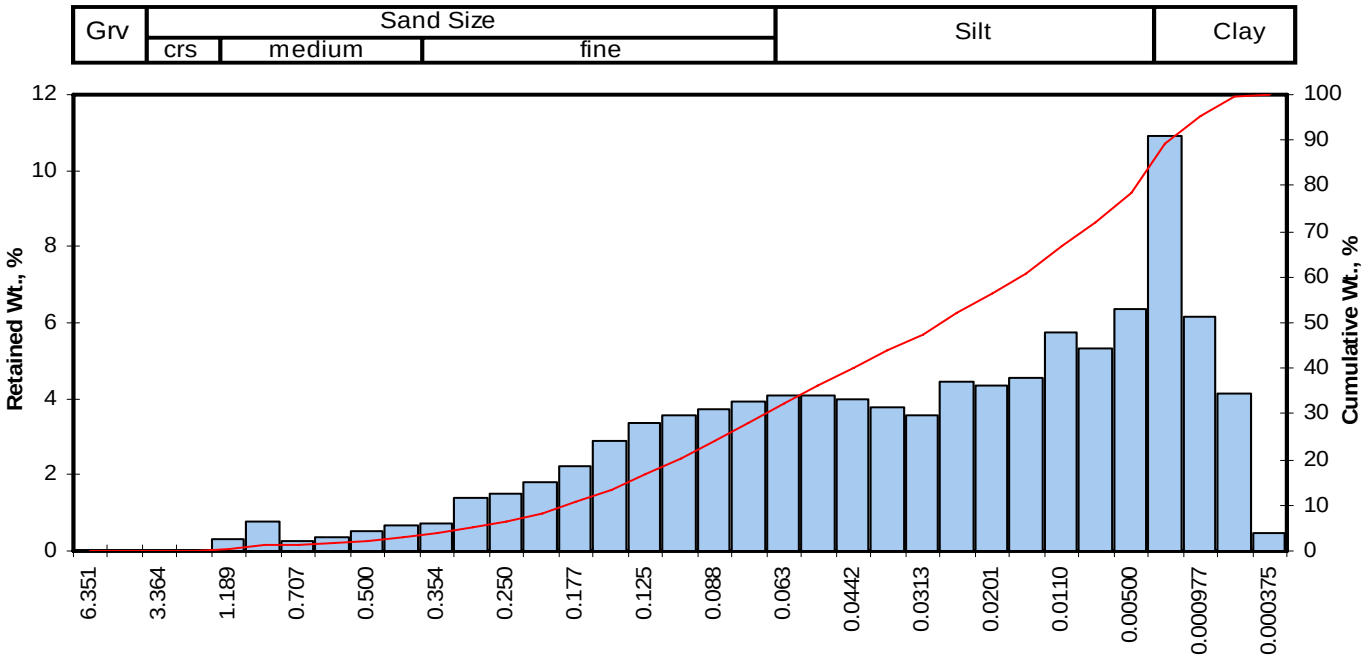
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-060
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	60.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.32	0.32	0.32
0.0331	0.841	0.25	20	0.80	0.80	1.12
0.0278	0.707	0.50	25	0.26	0.26	1.38
0.0234	0.595	0.75	30	0.35	0.35	1.73
0.0197	0.500	1.00	35	0.51	0.51	2.24
0.0166	0.420	1.25	40	0.69	0.69	2.93
0.0139	0.354	1.50	45	0.75	0.75	3.68
0.0117	0.297	1.75	50	1.38	1.38	5.06
0.0098	0.250	2.00	60	1.49	1.49	6.55
0.0083	0.210	2.25	70	1.81	1.81	8.36
0.0070	0.177	2.50	80	2.24	2.24	10.60
0.0059	0.149	2.75	100	2.89	2.89	13.49
0.0049	0.125	3.00	120	3.35	3.35	16.84
0.0041	0.105	3.25	140	3.59	3.59	20.43
0.0035	0.088	3.50	170	3.72	3.72	24.15
0.0029	0.074	3.75	200	3.91	3.91	28.06
0.0025	0.063	4.00	230	4.08	4.08	32.14
0.0021	0.053	4.25	270	4.11	4.11	36.25
0.00174	0.0442	4.50	325	3.97	3.97	40.22
0.00146	0.0372	4.75	400	3.76	3.76	43.98
0.00123	0.0313	5.00	450	3.59	3.59	47.57
0.000986	0.0250	5.32	500	4.46	4.46	52.02
0.000790	0.0201	5.64	635	4.35	4.35	56.37
0.000615	0.0156	6.00		4.55	4.55	60.92
0.000435	0.0110	6.50		5.75	5.75	66.67
0.000308	0.00781	7.00		5.32	5.32	71.99
0.000197	0.00500	7.65		6.35	6.35	78.34
0.000077	0.00195	9.00		10.90	10.90	89.24
0.000038	0.000977	10.00		6.16	6.16	95.40
0.000019	0.000488	11.00		4.14	4.14	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.74	0.0118	0.300
10	2.43	0.0073	0.185
16	2.94	0.0051	0.131
25	3.55	0.0034	0.085
40	4.49	0.0018	0.045
50	5.17	0.0011	0.028
60	5.93	0.0006	0.016
75	7.31	0.0002	0.006
84	8.35	0.0001	0.003
90	9.12	0.0001	0.002
95	9.93	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.17	5.17	5.17
Median, in.	0.0011	0.0011	0.0011
Median, mm	0.028	0.028	0.028
Mean, phi	4.45	5.64	5.49
Mean, in.	0.0018	0.0008	0.0009
Mean, mm	0.046	0.020	0.022
Sorting	3.669	2.705	2.595
Skewness	0.838	0.173	0.167
Kurtosis	0.215	0.515	0.895

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	2.93
Fine Sand	200	25.13
Silt	>0.005 mm	50.28
Clay	<0.005 mm	21.66
	Total	**100**

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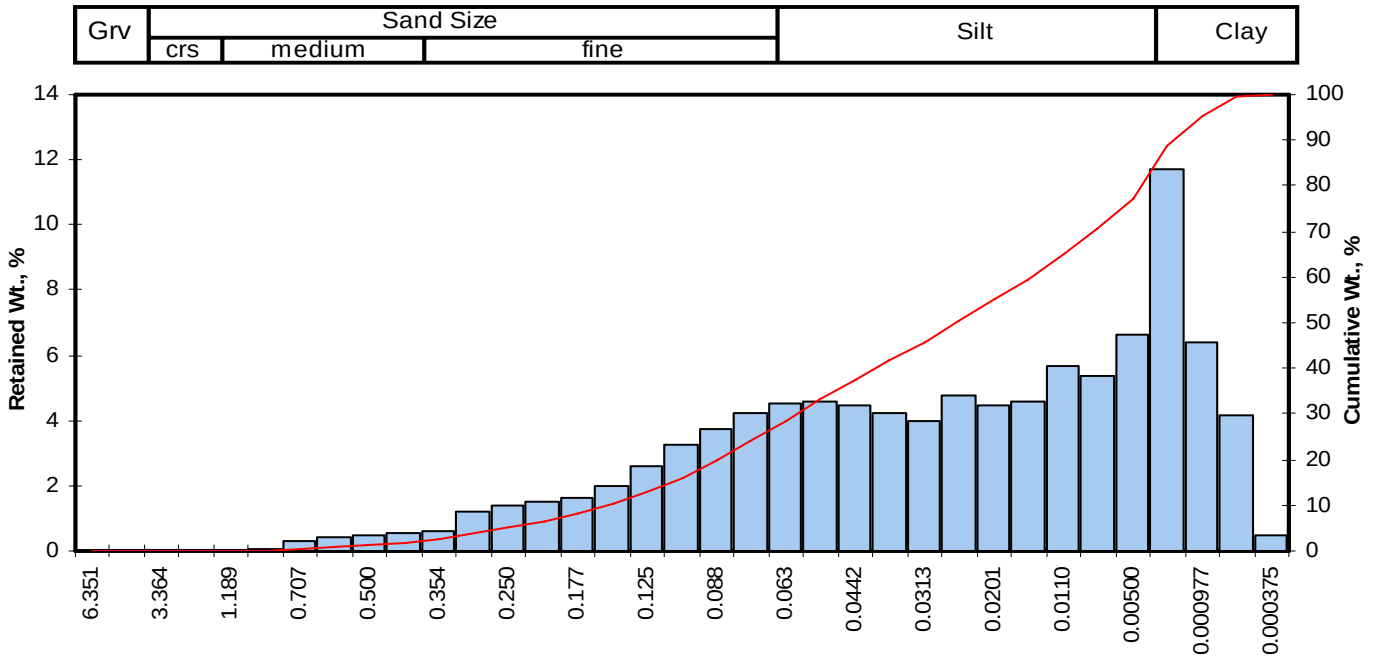
Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP3A-015
Depth, ft: 15.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.07	0.07	0.07
0.0278	0.707	0.50	25	0.28	0.28	0.35
0.0234	0.595	0.75	30	0.45	0.45	0.80
0.0197	0.500	1.00	35	0.50	0.50	1.30
0.0166	0.420	1.25	40	0.55	0.55	1.85
0.0139	0.354	1.50	45	0.60	0.60	2.45
0.0117	0.297	1.75	50	1.23	1.23	3.68
0.0098	0.250	2.00	60	1.38	1.38	5.06
0.0083	0.210	2.25	70	1.51	1.51	6.58
0.0070	0.177	2.50	80	1.61	1.61	8.19
0.0059	0.149	2.75	100	2.02	2.02	10.21
0.0049	0.125	3.00	120	2.62	2.62	12.83
0.0041	0.105	3.25	140	3.24	3.24	16.07
0.0035	0.088	3.50	170	3.75	3.75	19.82
0.0029	0.074	3.75	200	4.21	4.21	24.03
0.0025	0.063	4.00	230	4.50	4.50	28.53
0.0021	0.053	4.25	270	4.57	4.57	33.10
0.00174	0.0442	4.50	325	4.45	4.45	37.55
0.00146	0.0372	4.75	400	4.22	4.22	41.77
0.00123	0.0313	5.00	450	3.96	3.96	45.73
0.000986	0.0250	5.32	500	4.76	4.76	50.49
0.000790	0.0201	5.64	635	4.49	4.49	54.98
0.000615	0.0156	6.00		4.56	4.56	59.54
0.000435	0.0110	6.50		5.69	5.69	65.23
0.000308	0.00781	7.00		5.38	5.38	70.62
0.000197	0.00500	7.65		6.65	6.65	77.27
0.000077	0.00195	9.00		11.70	11.70	88.97
0.000038	0.000977	10.00		6.40	6.40	95.37
0.000019	0.000488	11.00		4.17	4.17	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.99	0.0099	0.252
10	2.72	0.0060	0.151
16	3.24	0.0042	0.105
25	3.80	0.0028	0.072
40	4.65	0.0016	0.040
50	5.29	0.0010	0.026
60	6.04	0.0006	0.015
75	7.43	0.0002	0.006
84	8.42	0.0001	0.003
90	9.16	0.0001	0.002
95	9.94	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.29	5.29	5.29
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.026	0.026	0.026
Mean, phi	4.69	5.83	5.65
Mean, in.	0.0015	0.0007	0.0008
Mean, mm	0.039	0.018	0.020
Sorting	3.508	2.590	2.500
Skewness	0.797	0.212	0.191
Kurtosis	0.220	0.536	0.900

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	1.85
Fine Sand	200	22.17
Silt	>0.005 mm	53.24
Clay	<0.005 mm	22.73
	Total	**100**

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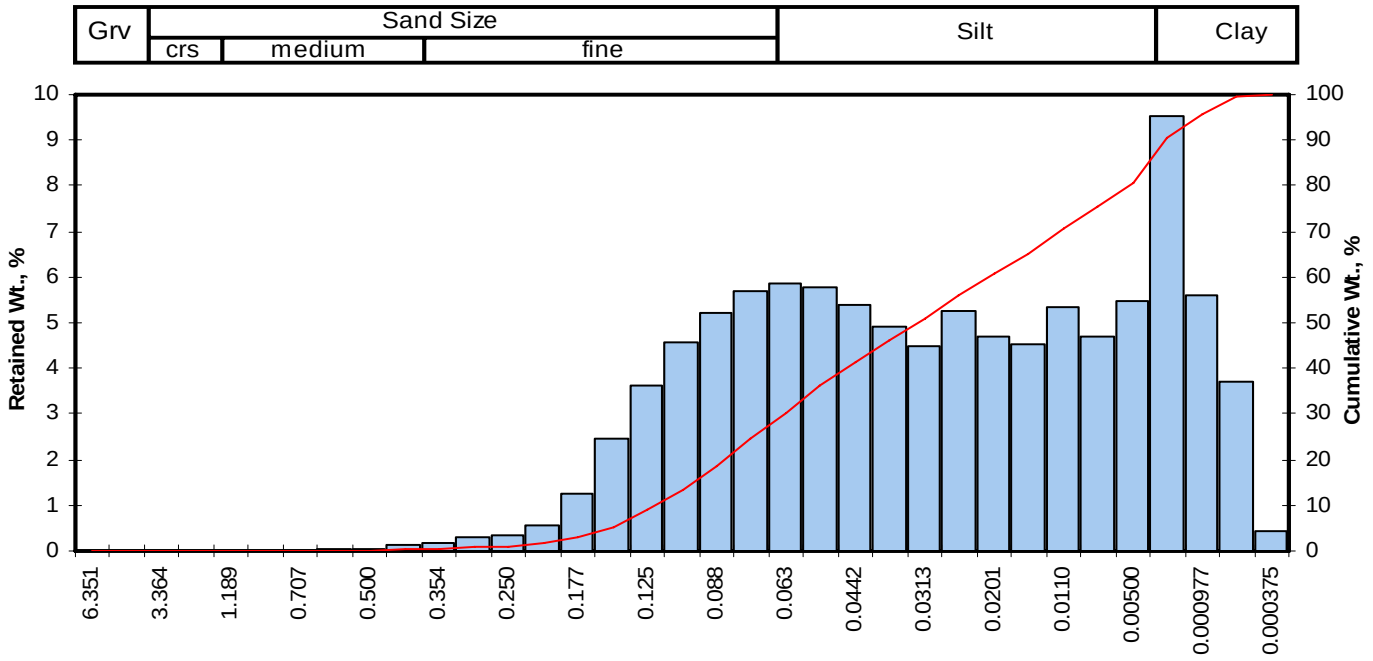
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-085
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	85.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.01	0.01	0.01
0.0234	0.595	0.75	30	0.03	0.03	0.04
0.0197	0.500	1.00	35	0.06	0.06	0.10
0.0166	0.420	1.25	40	0.12	0.12	0.22
0.0139	0.354	1.50	45	0.17	0.17	0.39
0.0117	0.297	1.75	50	0.32	0.32	0.71
0.0098	0.250	2.00	60	0.33	0.33	1.04
0.0083	0.210	2.25	70	0.57	0.57	1.61
0.0070	0.177	2.50	80	1.23	1.23	2.84
0.0059	0.149	2.75	100	2.44	2.44	5.28
0.0049	0.125	3.00	120	3.64	3.64	8.92
0.0041	0.105	3.25	140	4.57	4.57	13.49
0.0035	0.088	3.50	170	5.21	5.21	18.70
0.0029	0.074	3.75	200	5.67	5.67	24.37
0.0025	0.063	4.00	230	5.87	5.87	30.24
0.0021	0.053	4.25	270	5.76	5.76	35.99
0.00174	0.0442	4.50	325	5.39	5.39	41.38
0.00146	0.0372	4.75	400	4.93	4.93	46.31
0.00123	0.0313	5.00	450	4.50	4.50	50.81
0.000986	0.0250	5.32	500	5.24	5.24	56.05
0.000790	0.0201	5.64	635	4.68	4.68	60.73
0.000615	0.0156	6.00		4.53	4.53	65.26
0.000435	0.0110	6.50		5.34	5.34	70.60
0.000308	0.00781	7.00		4.70	4.70	75.30
0.000197	0.00500	7.65		5.49	5.49	80.79
0.000077	0.00195	9.00		9.52	9.52	90.31
0.000038	0.000977	10.00		5.59	5.59	95.90
0.000019	0.000488	11.00		3.69	3.69	99.59
0.000015	0.000375	11.38		0.41	0.41	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	2.72	0.0060	0.152
10	3.06	0.0047	0.120
16	3.37	0.0038	0.097
25	3.78	0.0029	0.073
40	4.44	0.0018	0.046
50	4.95	0.0013	0.032
60	5.59	0.0008	0.021
75	6.97	0.0003	0.008
84	8.10	0.0001	0.004
90	8.96	0.0001	0.002
95	9.84	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	4.95	4.95	4.95
Median, in.	0.0013	0.0013	0.0013
Median, mm	0.032	0.032	0.032
Mean, phi	4.63	5.74	5.48
Mean, in.	0.0016	0.0007	0.0009
Mean, mm	0.040	0.019	0.022
Sorting	3.022	2.366	2.261
Skewness	0.749	0.330	0.351
Kurtosis	0.275	0.504	0.914

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.22
Fine Sand	200	24.15
Silt	>0.005 mm	56.43
Clay	<0.005 mm	19.21
	Total	**100**

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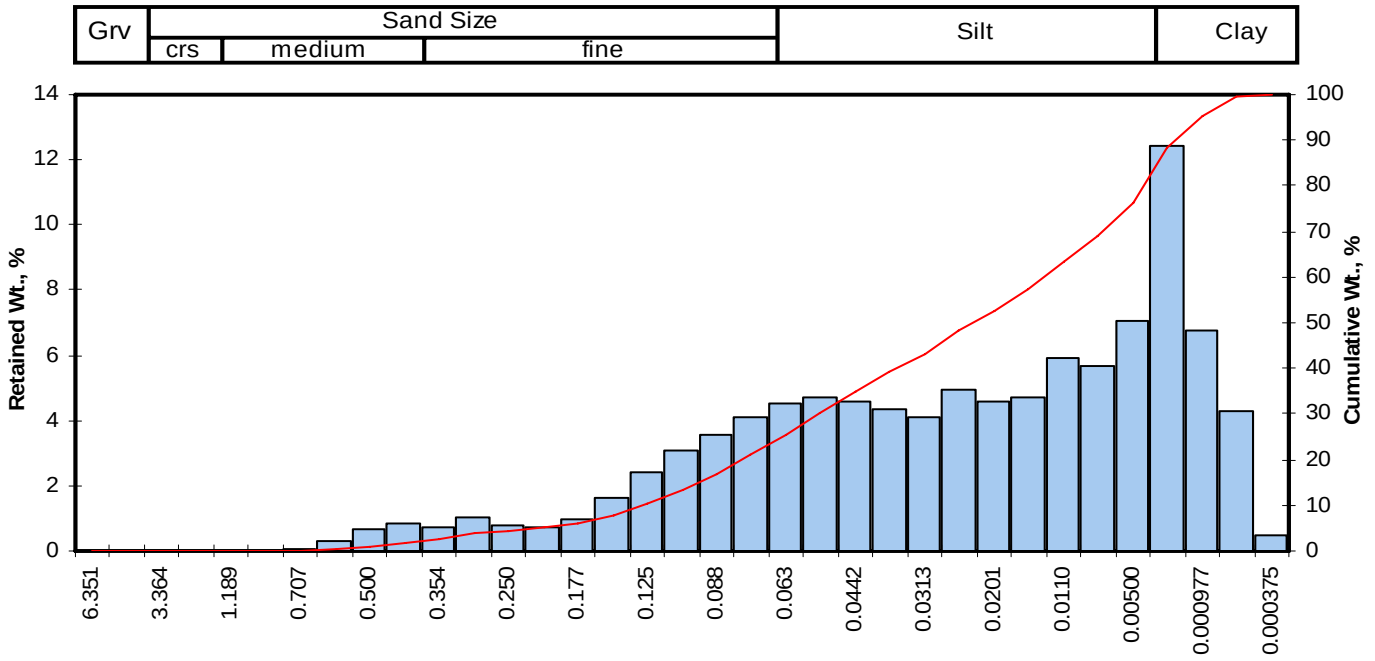
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-015
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	15.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.06	0.06	0.06
0.0234	0.595	0.75	30	0.32	0.32	0.38
0.0197	0.500	1.00	35	0.69	0.69	1.07
0.0166	0.420	1.25	40	0.85	0.85	1.92
0.0139	0.354	1.50	45	0.75	0.75	2.67
0.0117	0.297	1.75	50	1.01	1.01	3.68
0.0098	0.250	2.00	60	0.78	0.78	4.46
0.0083	0.210	2.25	70	0.75	0.75	5.21
0.0070	0.177	2.50	80	0.98	0.98	6.19
0.0059	0.149	2.75	100	1.64	1.64	7.83
0.0049	0.125	3.00	120	2.41	2.41	10.24
0.0041	0.105	3.25	140	3.05	3.05	13.29
0.0035	0.088	3.50	170	3.58	3.58	16.87
0.0029	0.074	3.75	200	4.12	4.12	20.99
0.0025	0.063	4.00	230	4.54	4.54	25.53
0.0021	0.053	4.25	270	4.69	4.69	30.22
0.00174	0.0442	4.50	325	4.57	4.57	34.79
0.00146	0.0372	4.75	400	4.34	4.34	39.14
0.00123	0.0313	5.00	450	4.09	4.09	43.23
0.000986	0.0250	5.32	500	4.93	4.93	48.16
0.000790	0.0201	5.64	635	4.60	4.60	52.76
0.000615	0.0156	6.00		4.69	4.69	57.45
0.000435	0.0110	6.50		5.94	5.94	63.39
0.000308	0.00781	7.00		5.68	5.68	69.07
0.000197	0.00500	7.65		7.05	7.05	76.12
0.000077	0.00195	9.00		12.40	12.40	88.53
0.000038	0.000977	10.00		6.73	6.73	95.26
0.000019	0.000488	11.00		4.27	4.27	99.53
0.000015	0.000375	11.38		0.47	0.47	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.18	0.0087	0.221
10	2.98	0.0050	0.127
16	3.44	0.0036	0.092
25	3.97	0.0025	0.064
40	4.80	0.0014	0.036
50	5.45	0.0009	0.023
60	6.21	0.0005	0.013
75	7.54	0.0002	0.005
84	8.51	0.0001	0.003
90	9.22	0.0001	0.002
95	9.96	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.45	5.45	5.45
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.85	5.97	5.80
Mean, in.	0.0014	0.0006	0.0007
Mean, mm	0.035	0.016	0.018
Sorting	3.448	2.533	2.445
Skewness	0.808	0.207	0.184
Kurtosis	0.233	0.536	0.893

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	1.92
Fine Sand	200	19.07
Silt	>0.005 mm	55.13
Clay	<0.005 mm	23.88
	Total	**100**

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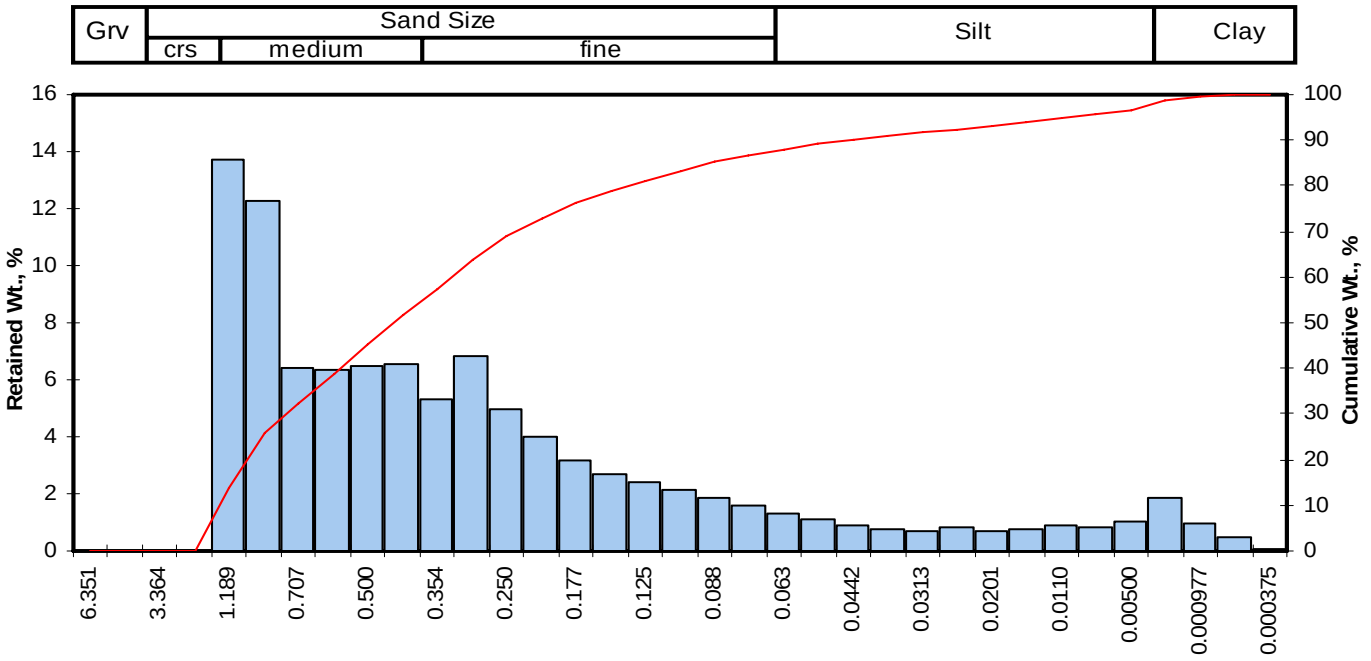
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-035
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	35.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	13.70	13.70	13.70
0.0331	0.841	0.25	20	12.30	12.30	26.00
0.0278	0.707	0.50	25	6.42	6.42	32.42
0.0234	0.595	0.75	30	6.37	6.37	38.79
0.0197	0.500	1.00	35	6.46	6.46	45.25
0.0166	0.420	1.25	40	6.53	6.53	51.78
0.0139	0.354	1.50	45	5.34	5.34	57.12
0.0117	0.297	1.75	50	6.84	6.84	63.96
0.0098	0.250	2.00	60	4.96	4.96	68.92
0.0083	0.210	2.25	70	4.03	4.03	72.95
0.0070	0.177	2.50	80	3.20	3.20	76.15
0.0059	0.149	2.75	100	2.70	2.70	78.85
0.0049	0.125	3.00	120	2.38	2.38	81.23
0.0041	0.105	3.25	140	2.12	2.12	83.35
0.0035	0.088	3.50	170	1.84	1.84	85.19
0.0029	0.074	3.75	200	1.57	1.57	86.76
0.0025	0.063	4.00	230	1.32	1.32	88.08
0.0021	0.053	4.25	270	1.10	1.10	89.18
0.00174	0.0442	4.50	325	0.93	0.93	90.11
0.00146	0.0372	4.75	400	0.79	0.79	90.90
0.00123	0.0313	5.00	450	0.70	0.70	91.60
0.000986	0.0250	5.32	500	0.80	0.80	92.40
0.000790	0.0201	5.64	635	0.72	0.72	93.12
0.000615	0.0156	6.00		0.73	0.73	93.85
0.000435	0.0110	6.50		0.92	0.92	94.77
0.000308	0.00781	7.00		0.85	0.85	95.62
0.000197	0.00500	7.65		1.03	1.03	96.65
0.000077	0.00195	9.00		1.85	1.85	98.50
0.000038	0.000977	10.00		0.96	0.96	99.46
0.000019	0.000488	11.00		0.49	0.49	99.95
0.000015	0.000375	11.38		0.05	0.05	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	-0.73	0.0651	1.654
10	-0.45	0.0539	1.368
16	-0.16	0.0439	1.115
25	0.21	0.0341	0.865
40	0.80	0.0227	0.576
50	1.18	0.0174	0.441
60	1.61	0.0129	0.329
75	2.41	0.0074	0.188
84	3.34	0.0039	0.099
90	4.47	0.0018	0.045
95	6.63	0.0004	0.010

Measure	Trask	Inman	Folk-Ward
Median, phi	1.18	1.18	1.18
Median, in.	0.0174	0.0174	0.0174
Median, mm	0.441	0.441	0.441
Mean, phi	0.93	1.59	1.45
Mean, in.	0.0207	0.0131	0.0144
Mean, mm	0.527	0.332	0.365
Sorting	2.144	1.747	1.989
Skewness	0.915	0.234	0.358
Kurtosis	0.256	1.106	1.371

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	51.78
Fine Sand	200	34.98
Silt	>0.005 mm	9.89
Clay	<0.005 mm	3.35
	Total	**100**

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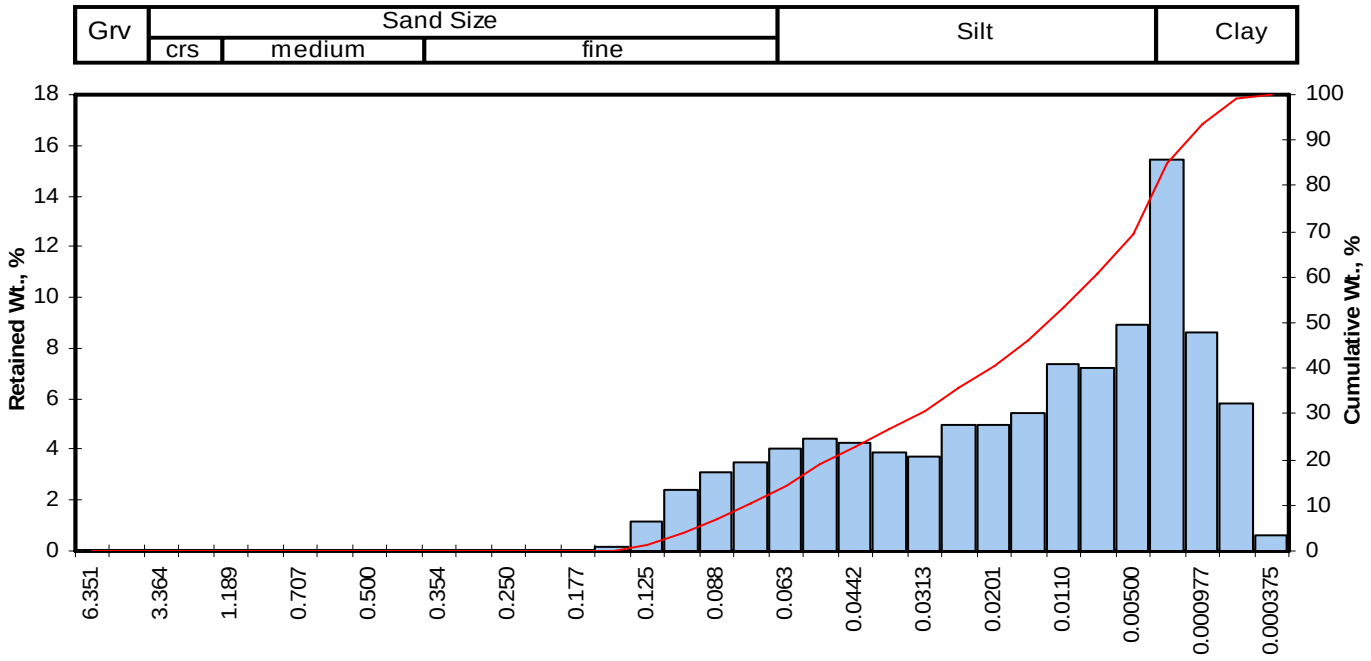
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-055
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	55.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.00	0.00	0.00
0.0117	0.297	1.75	50	0.00	0.00	0.00
0.0098	0.250	2.00	60	0.00	0.00	0.00
0.0083	0.210	2.25	70	0.00	0.00	0.00
0.0070	0.177	2.50	80	0.00	0.00	0.00
0.0059	0.149	2.75	100	0.17	0.17	0.17
0.0049	0.125	3.00	120	1.14	1.14	1.31
0.0041	0.105	3.25	140	2.41	2.41	3.72
0.0035	0.088	3.50	170	3.10	3.10	6.82
0.0029	0.074	3.75	200	3.52	3.52	10.34
0.0025	0.063	4.00	230	4.04	4.04	14.39
0.0021	0.053	4.25	270	4.40	4.40	18.79
0.00174	0.0442	4.50	325	4.25	4.25	23.04
0.00146	0.0372	4.75	400	3.90	3.90	26.94
0.00123	0.0313	5.00	450	3.76	3.76	30.70
0.000986	0.0250	5.32	500	4.93	4.93	35.63
0.000790	0.0201	5.64	635	5.00	5.00	40.63
0.000615	0.0156	6.00		5.41	5.41	46.04
0.000435	0.0110	6.50		7.37	7.37	53.42
0.000308	0.00781	7.00		7.22	7.22	60.64
0.000197	0.00500	7.65		8.93	8.93	69.57
0.000077	0.00195	9.00		15.40	15.40	84.98
0.000038	0.000977	10.00		8.59	8.59	93.57
0.000019	0.000488	11.00		5.78	5.78	99.35
0.000015	0.000375	11.38		0.65	0.65	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	3.35	0.0039	0.098
10	3.73	0.0030	0.076
16	4.09	0.0023	0.059
25	4.63	0.0016	0.041
40	5.60	0.0008	0.021
50	6.27	0.0005	0.013
60	6.96	0.0003	0.008
75	8.12	0.0001	0.004
84	8.91	0.0001	0.002
90	9.58	0.0001	0.001
95	10.25	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	6.27	6.27	6.27
Median, in.	0.0005	0.0005	0.0005
Median, mm	0.013	0.013	0.013
Mean, phi	5.50	6.50	6.42
Mean, in.	0.0009	0.0004	0.0005
Mean, mm	0.022	0.011	0.012
Sorting	3.360	2.411	2.250
Skewness	0.929	0.097	0.126
Kurtosis	0.248	0.430	0.808
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	10.34
Silt	>0.005 mm	59.23
Clay	<0.005 mm	30.43
	Total	**100**

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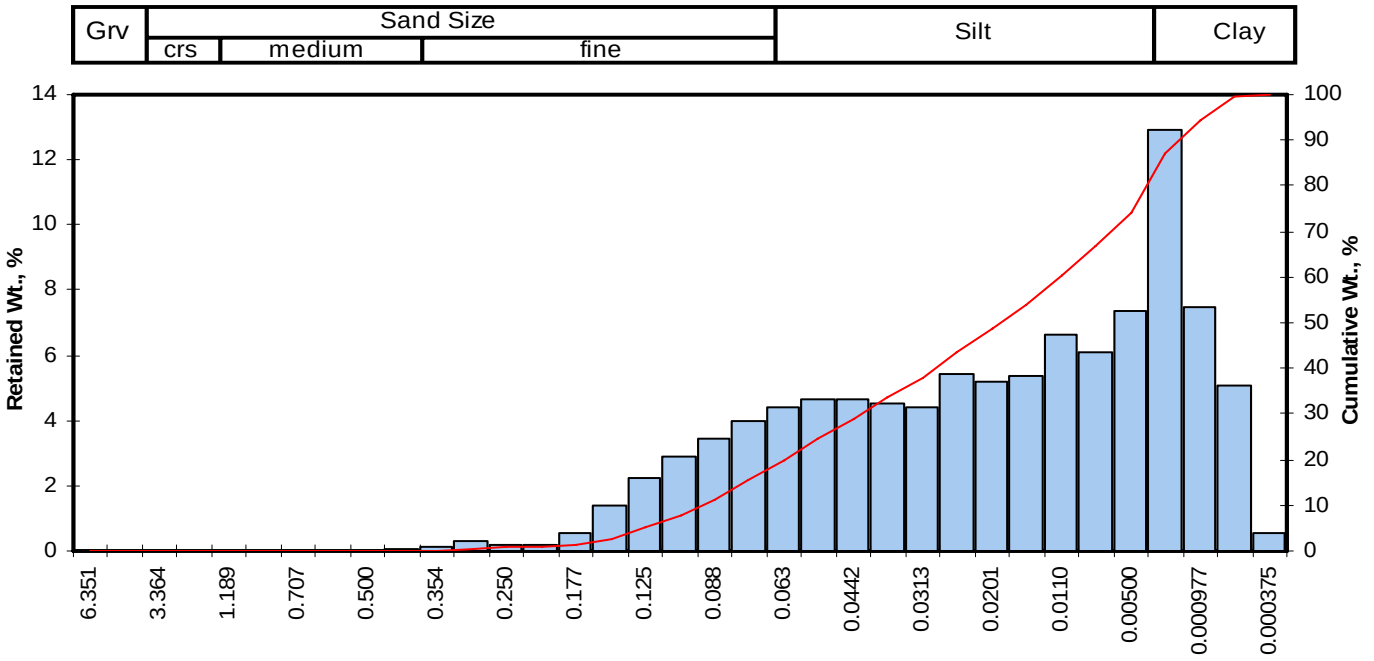
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-070
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	70.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.04	0.04	0.04
0.0139	0.354	1.50	45	0.14	0.14	0.18
0.0117	0.297	1.75	50	0.31	0.31	0.49
0.0098	0.250	2.00	60	0.20	0.20	0.69
0.0083	0.210	2.25	70	0.20	0.20	0.89
0.0070	0.177	2.50	80	0.52	0.52	1.41
0.0059	0.149	2.75	100	1.36	1.36	2.77
0.0049	0.125	3.00	120	2.23	2.23	5.00
0.0041	0.105	3.25	140	2.90	2.90	7.90
0.0035	0.088	3.50	170	3.44	3.44	11.34
0.0029	0.074	3.75	200	3.98	3.98	15.31
0.0025	0.063	4.00	230	4.42	4.42	19.73
0.0021	0.053	4.25	270	4.64	4.64	24.37
0.00174	0.0442	4.50	325	4.65	4.65	29.02
0.00146	0.0372	4.75	400	4.54	4.54	33.55
0.00123	0.0313	5.00	450	4.38	4.38	37.93
0.000986	0.0250	5.32	500	5.41	5.41	43.34
0.000790	0.0201	5.64	635	5.19	5.19	48.53
0.000615	0.0156	6.00		5.35	5.35	53.87
0.000435	0.0110	6.50		6.65	6.65	60.52
0.000308	0.00781	7.00		6.12	6.12	66.64
0.000197	0.00500	7.65		7.37	7.37	74.00
0.000077	0.00195	9.00		12.90	12.89	86.90
0.000038	0.000977	10.00		7.46	7.46	94.35
0.000019	0.000488	11.00		5.08	5.08	99.43
0.000015	0.000375	11.38		0.57	0.57	100.00
TOTALS				**100.10**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	3.00	0.0049	0.125
10	3.40	0.0037	0.095
16	3.79	0.0028	0.072
25	4.28	0.0020	0.051
40	5.12	0.0011	0.029
50	5.74	0.0007	0.019
60	6.46	0.0004	0.011
75	7.75	0.0002	0.005
84	8.70	0.0001	0.002
90	9.42	0.0001	0.001
95	10.13	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.74	5.74	5.74
Median, in.	0.0007	0.0007	0.0007
Median, mm	0.019	0.019	0.019
Mean, phi	5.16	6.24	6.07
Mean, in.	0.0011	0.0005	0.0006
Mean, mm	0.028	0.013	0.015
Sorting	3.324	2.453	2.307
Skewness	0.825	0.205	0.218
Kurtosis	0.251	0.453	0.843

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.04
Fine Sand	200	15.27
Silt	>0.005 mm	58.69
Clay	<0.005 mm	26.00
	Total	**100**

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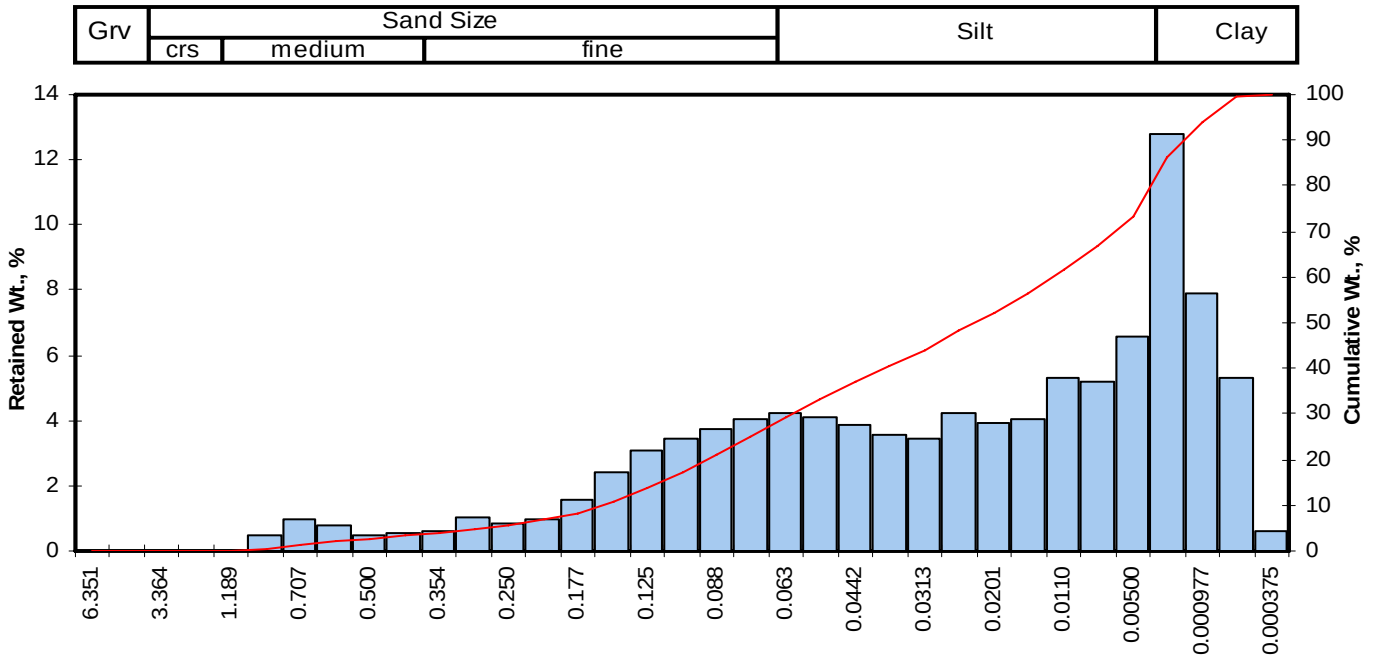
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-080
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	80.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.48	0.48	0.48
0.0278	0.707	0.50	25	0.94	0.94	1.42
0.0234	0.595	0.75	30	0.77	0.77	2.19
0.0197	0.500	1.00	35	0.51	0.51	2.70
0.0166	0.420	1.25	40	0.55	0.55	3.25
0.0139	0.354	1.50	45	0.63	0.63	3.88
0.0117	0.297	1.75	50	1.01	1.01	4.89
0.0098	0.250	2.00	60	0.83	0.83	5.72
0.0083	0.210	2.25	70	0.99	0.99	6.71
0.0070	0.177	2.50	80	1.56	1.56	8.27
0.0059	0.149	2.75	100	2.43	2.43	10.70
0.0049	0.125	3.00	120	3.05	3.05	13.75
0.0041	0.105	3.25	140	3.43	3.43	17.18
0.0035	0.088	3.50	170	3.73	3.73	20.91
0.0029	0.074	3.75	200	4.04	4.04	24.95
0.0025	0.063	4.00	230	4.20	4.20	29.15
0.0021	0.053	4.25	270	4.12	4.12	33.27
0.00174	0.0442	4.50	325	3.84	3.84	37.11
0.00146	0.0372	4.75	400	3.58	3.58	40.69
0.00123	0.0313	5.00	450	3.43	3.43	44.12
0.000986	0.0250	5.32	500	4.22	4.22	48.34
0.000790	0.0201	5.64	635	3.95	3.95	52.28
0.000615	0.0156	6.00		4.05	4.05	56.33
0.000435	0.0110	6.50		5.31	5.31	61.64
0.000308	0.00781	7.00		5.16	5.16	66.80
0.000197	0.00500	7.65		6.58	6.58	73.38
0.000077	0.00195	9.00		12.80	12.80	86.18
0.000038	0.000977	10.00		7.88	7.88	94.06
0.000019	0.000488	11.00		5.34	5.34	99.40
0.000015	0.000375	11.38		0.60	0.60	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.78	0.0114	0.291
10	2.68	0.0062	0.156
16	3.16	0.0044	0.112
25	3.75	0.0029	0.074
40	4.70	0.0015	0.038
50	5.45	0.0009	0.023
60	6.35	0.0005	0.012
75	7.82	0.0002	0.004
84	8.77	0.0001	0.002
90	9.48	0.0001	0.001
95	10.18	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.45	5.45	5.45
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.67	5.97	5.80
Mean, in.	0.0015	0.0006	0.0007
Mean, mm	0.039	0.016	0.018
Sorting	4.088	2.802	2.673
Skewness	0.796	0.183	0.154
Kurtosis	0.225	0.497	0.847

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	3.25
Fine Sand	200	21.70
Silt	>0.005 mm	48.44
Clay	<0.005 mm	26.62
	Total	**100**

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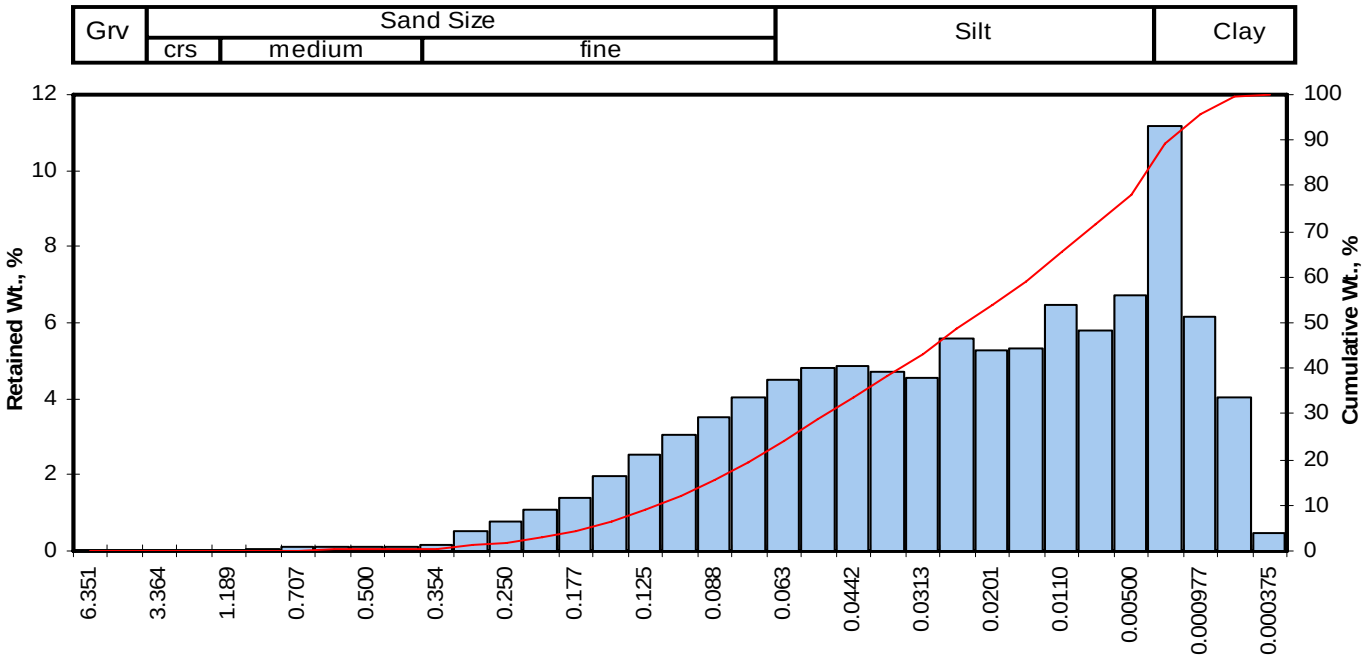
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP3A-030
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	30.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.07	0.07	0.07
0.0278	0.707	0.50	25	0.11	0.11	0.18
0.0234	0.595	0.75	30	0.09	0.09	0.26
0.0197	0.500	1.00	35	0.09	0.09	0.35
0.0166	0.420	1.25	40	0.11	0.11	0.46
0.0139	0.354	1.50	45	0.16	0.16	0.62
0.0117	0.297	1.75	50	0.51	0.51	1.13
0.0098	0.250	2.00	60	0.78	0.78	1.91
0.0083	0.210	2.25	70	1.07	1.07	2.98
0.0070	0.177	2.50	80	1.39	1.39	4.37
0.0059	0.149	2.75	100	1.96	1.96	6.33
0.0049	0.125	3.00	120	2.55	2.55	8.88
0.0041	0.105	3.25	140	3.06	3.06	11.94
0.0035	0.088	3.50	170	3.52	3.52	15.46
0.0029	0.074	3.75	200	4.04	4.04	19.50
0.0025	0.063	4.00	230	4.52	4.52	24.01
0.0021	0.053	4.25	270	4.81	4.81	28.82
0.00174	0.0442	4.50	325	4.86	4.86	33.68
0.00146	0.0372	4.75	400	4.73	4.73	38.41
0.00123	0.0313	5.00	450	4.56	4.56	42.97
0.000986	0.0250	5.32	500	5.59	5.59	48.55
0.000790	0.0201	5.64	635	5.29	5.29	53.84
0.000615	0.0156	6.00		5.35	5.35	59.19
0.000435	0.0110	6.50		6.49	6.49	65.68
0.000308	0.00781	7.00		5.78	5.78	71.45
0.000197	0.00500	7.65		6.71	6.71	78.16
0.000077	0.00195	9.00		11.20	11.20	89.35
0.000038	0.000977	10.00		6.18	6.18	95.53
0.000019	0.000488	11.00		4.03	4.03	99.56
0.000015	0.000375	11.38		0.44	0.44	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.58	0.0066	0.167
10	3.09	0.0046	0.117
16	3.53	0.0034	0.086
25	4.05	0.0024	0.060
40	4.84	0.0014	0.035
50	5.41	0.0009	0.024
60	6.06	0.0006	0.015
75	7.34	0.0002	0.006
84	8.35	0.0001	0.003
90	9.10	0.0001	0.002
95	9.91	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.41	5.41	5.41
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.024	0.024	0.024
Mean, phi	4.91	5.94	5.76
Mean, in.	0.0013	0.0006	0.0007
Mean, mm	0.033	0.016	0.018
Sorting	3.127	2.409	2.316
Skewness	0.819	0.222	0.226
Kurtosis	0.234	0.522	0.914

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.46
Fine Sand	200	19.03
Silt	>0.005 mm	58.66
Clay	<0.005 mm	21.84
	Total	**100**

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PHYSICAL PROPERTIES DATA

PROJECT NAME N/A
PROJECT NO: 10500-37240-T2.OSS.Field

	METHODOLOGY:		ASTM D2216	WALKLEY-BLACK	EPA 9081	ASTM D1498	ASTM D5084	
							25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	TOTAL ORGANIC CARBON (mg/kg)	CATION EXCHANGE CAPACITY (meq/100g)	OXIDATION REDUCTION POTENTIAL (mV)	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (2,3) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (2,3) (cm/s)
GP6-15	N/A	V	22.4	2550	11	340	0.943	8.96E-07
GP6-30	N/A	V	22.4	2000	12	320	0.868	8.27E-07
GP6-45	N/A	V	25.9	1750	9	340	0.756	7.22E-07
GP6-60	N/A	V	20.6	1400	14	330	0.599	5.73E-07
GP6-80	N/A	V	22.1	1950	14	320	0.575	5.48E-07

(1) Sample Orientation: H = horizontal; V = vertical (2) Native State = As received with pore fluids in place (3) Permeability to water and conductivity measured at saturated conditions

PTS Laboratories

CDM
PTS File No: 34070

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.OSS.Field

Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
GP6-15	N/A	Silt	0.031	0.00	0.00	4.65	25.81	48.71	20.83	69.54
GP6-30	N/A	Silt	0.022	0.00	0.00	9.28	12.68	56.04	22.00	78.04
GP6-45	N/A	Silt	0.027	0.00	0.00	6.08	23.29	49.75	20.89	70.64
GP6-60	N/A	Silt	0.023	0.00	0.00	7.38	19.04	49.38	24.20	73.58
GP6-80	N/A	Silt	0.021	0.00	0.00	4.90	19.22	50.20	25.68	75.88

(1) Based on Mean from Trask

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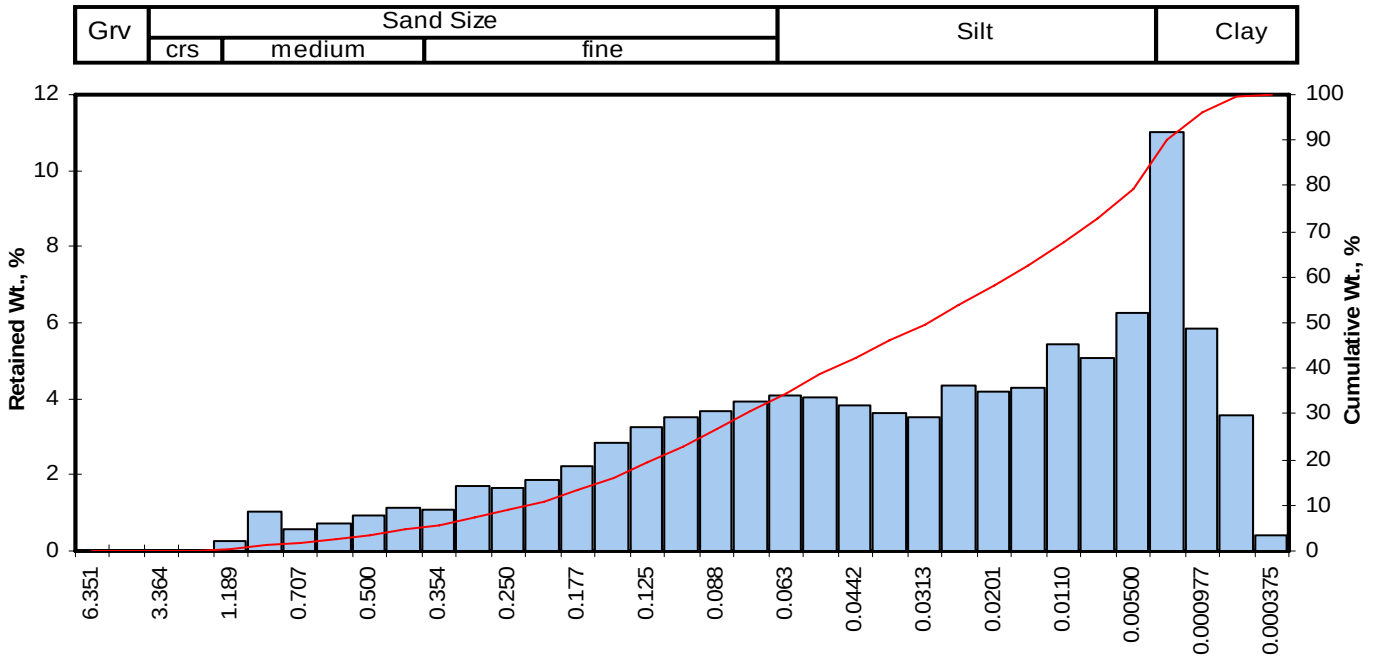
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-15
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.26	0.26	0.26
0.0331	0.841	0.25	20	1.05	1.05	1.31
0.0278	0.707	0.50	25	0.56	0.56	1.87
0.0234	0.595	0.75	30	0.72	0.72	2.59
0.0197	0.500	1.00	35	0.94	0.94	3.53
0.0166	0.420	1.25	40	1.12	1.12	4.65
0.0139	0.354	1.50	45	1.08	1.08	5.73
0.0117	0.297	1.75	50	1.73	1.73	7.46
0.0098	0.250	2.00	60	1.65	1.65	9.11
0.0083	0.210	2.25	70	1.87	1.87	10.98
0.0070	0.177	2.50	80	2.24	2.24	13.22
0.0059	0.149	2.75	100	2.84	2.84	16.06
0.0049	0.125	3.00	120	3.27	3.27	19.33
0.0041	0.105	3.25	140	3.51	3.51	22.84
0.0035	0.088	3.50	170	3.69	3.69	26.53
0.0029	0.074	3.75	200	3.93	3.93	30.46
0.0025	0.063	4.00	230	4.09	4.09	34.55
0.0021	0.053	4.25	270	4.05	4.05	38.60
0.00174	0.0442	4.50	325	3.85	3.85	42.45
0.00146	0.0372	4.75	400	3.64	3.64	46.09
0.00123	0.0313	5.00	450	3.50	3.50	49.59
0.000986	0.0250	5.32	500	4.35	4.35	53.94
0.000790	0.0201	5.64	635	4.18	4.18	58.12
0.000615	0.0156	6.00		4.30	4.30	62.42
0.000435	0.0110	6.50		5.42	5.42	67.84
0.000308	0.00781	7.00		5.09	5.09	72.93
0.000197	0.00500	7.65		6.24	6.24	79.17
0.000077	0.00195	9.00		11.00	11.00	90.17
0.000038	0.000977	10.00		5.87	5.87	96.04
0.000019	0.000488	11.00		3.57	3.57	99.61
0.000015	0.000375	11.38		0.39	0.39	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.33	0.0156	0.397
10	2.12	0.0091	0.230
16	2.74	0.0059	0.149
25	3.40	0.0037	0.095
40	4.34	0.0019	0.049
50	5.03	0.0012	0.031
60	5.80	0.0007	0.018
75	7.21	0.0003	0.007
84	8.24	0.0001	0.003
90	8.98	0.0001	0.002
95	9.82	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.03	5.03	5.03
Median, in.	0.0012	0.0012	0.0012
Median, mm	0.031	0.031	0.031
Mean, phi	4.30	5.49	5.34
Mean, in.	0.0020	0.0009	0.0010
Mean, mm	0.051	0.022	0.025
Sorting	3.755	2.748	2.660
Skewness	0.826	0.168	0.148
Kurtosis	0.193	0.545	0.912

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	4.65
Fine Sand	200	25.81
Silt	>0.005 mm	48.71
Clay	<0.005 mm	20.83
	Total	**100**

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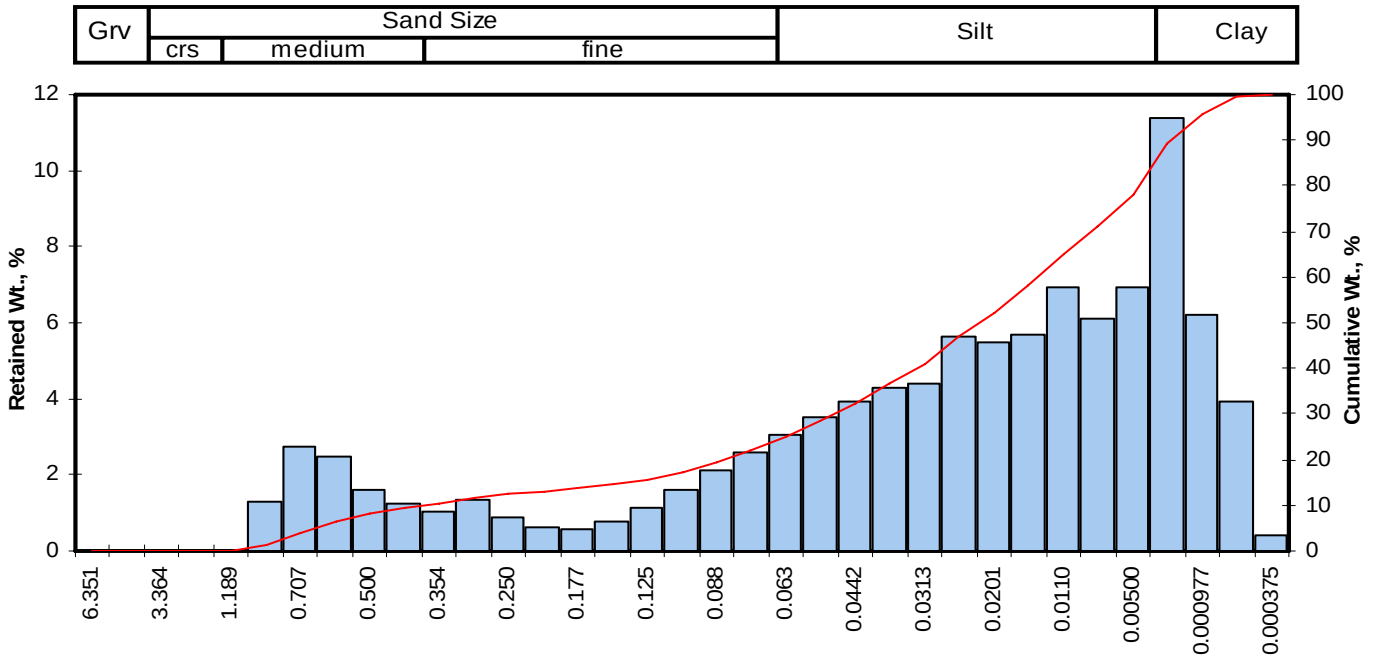
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-30
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	1.27	1.27	1.27
0.0278	0.707	0.50	25	2.74	2.74	4.01
0.0234	0.595	0.75	30	2.46	2.46	6.47
0.0197	0.500	1.00	35	1.58	1.58	8.05
0.0166	0.420	1.25	40	1.23	1.23	9.28
0.0139	0.354	1.50	45	1.02	1.02	10.30
0.0117	0.297	1.75	50	1.34	1.34	11.64
0.0098	0.250	2.00	60	0.87	0.87	12.52
0.0083	0.210	2.25	70	0.62	0.62	13.14
0.0070	0.177	2.50	80	0.55	0.55	13.69
0.0059	0.149	2.75	100	0.77	0.77	14.46
0.0049	0.125	3.00	120	1.15	1.15	15.61
0.0041	0.105	3.25	140	1.62	1.62	17.23
0.0035	0.088	3.50	170	2.12	2.12	19.35
0.0029	0.074	3.75	200	2.61	2.61	21.96
0.0025	0.063	4.00	230	3.06	3.06	25.02
0.0021	0.053	4.25	270	3.50	3.50	28.52
0.00174	0.0442	4.50	325	3.95	3.95	32.47
0.00146	0.0372	4.75	400	4.27	4.27	36.74
0.00123	0.0313	5.00	450	4.41	4.41	41.16
0.000986	0.0250	5.32	500	5.64	5.64	46.80
0.000790	0.0201	5.64	635	5.50	5.50	52.30
0.000615	0.0156	6.00		5.68	5.68	57.98
0.000435	0.0110	6.50		6.95	6.95	64.94
0.000308	0.00781	7.00		6.11	6.11	71.05
0.000197	0.00500	7.65		6.95	6.95	78.00
0.000077	0.00195	9.00		11.40	11.40	89.41
0.000038	0.000977	10.00		6.22	6.22	95.63
0.000019	0.000488	11.00		3.94	3.94	99.57
0.000015	0.000375	11.38		0.43	0.43	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.60	0.0260	0.660
10	1.43	0.0147	0.372
16	3.06	0.0047	0.120
25	4.00	0.0025	0.063
40	4.93	0.0013	0.033
50	5.51	0.0009	0.022
60	6.15	0.0006	0.014
75	7.37	0.0002	0.006
84	8.36	0.0001	0.003
90	9.10	0.0001	0.002
95	9.90	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.51	5.51	5.51
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.022	0.022	0.022
Mean, phi	4.87	5.71	5.64
Mean, in.	0.0014	0.0008	0.0008
Mean, mm	0.034	0.019	0.020
Sorting	3.213	2.648	2.733
Skewness	0.885	0.077	0.011
Kurtosis	0.076	0.755	1.131

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	9.28
Fine Sand	200	12.68
Silt	>0.005 mm	56.04
Clay	<0.005 mm	22.00
	Total	**100**

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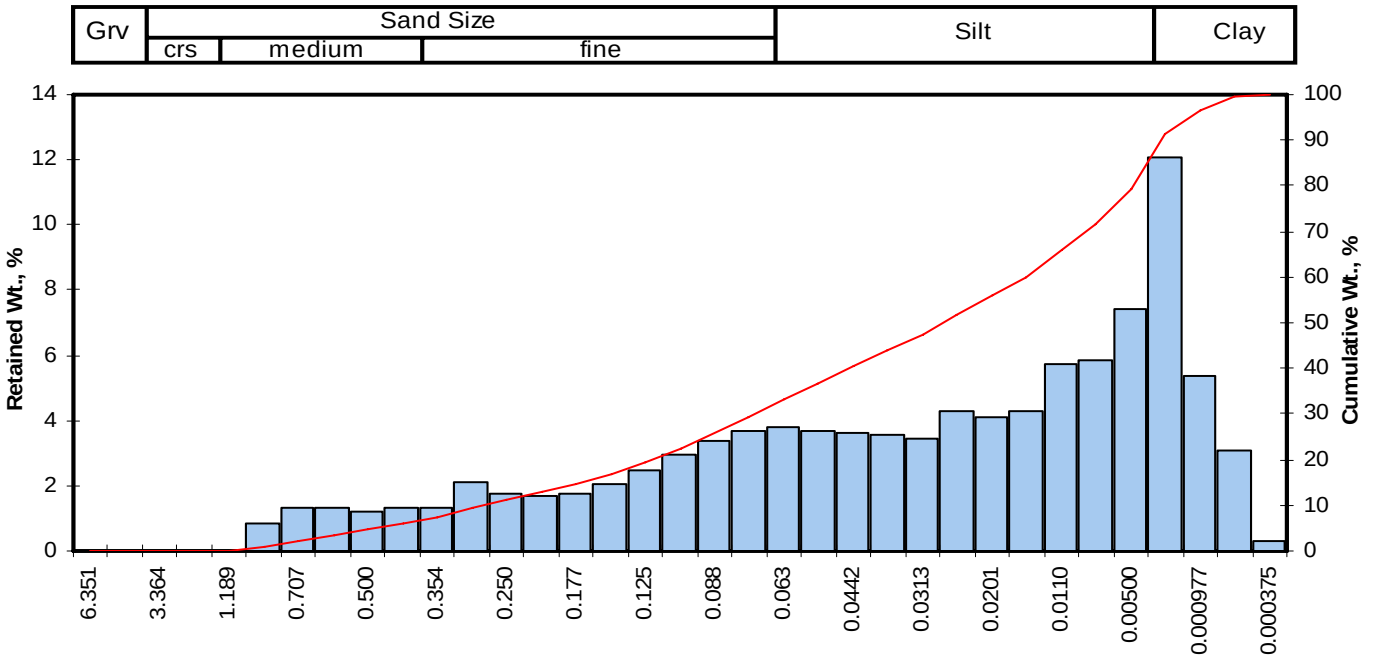
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-45
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.87	0.87	0.87
0.0278	0.707	0.50	25	1.33	1.33	2.20
0.0234	0.595	0.75	30	1.35	1.35	3.55
0.0197	0.500	1.00	35	1.21	1.21	4.76
0.0166	0.420	1.25	40	1.32	1.32	6.08
0.0139	0.354	1.50	45	1.33	1.33	7.41
0.0117	0.297	1.75	50	2.09	2.09	9.50
0.0098	0.250	2.00	60	1.78	1.78	11.28
0.0083	0.210	2.25	70	1.70	1.70	12.97
0.0070	0.177	2.50	80	1.76	1.76	14.73
0.0059	0.149	2.75	100	2.08	2.08	16.81
0.0049	0.125	3.00	120	2.49	2.49	19.30
0.0041	0.105	3.25	140	2.96	2.96	22.26
0.0035	0.088	3.50	170	3.40	3.40	25.66
0.0029	0.074	3.75	200	3.71	3.71	29.36
0.0025	0.063	4.00	230	3.78	3.78	33.14
0.0021	0.053	4.25	270	3.71	3.71	36.85
0.00174	0.0442	4.50	325	3.63	3.63	40.48
0.00146	0.0372	4.75	400	3.56	3.56	44.03
0.00123	0.0313	5.00	450	3.46	3.46	47.49
0.000986	0.0250	5.32	500	4.27	4.27	51.76
0.000790	0.0201	5.64	635	4.09	4.09	55.85
0.000615	0.0156	6.00		4.26	4.26	60.10
0.000435	0.0110	6.50		5.72	5.72	65.82
0.000308	0.00781	7.00		5.86	5.86	71.68
0.000197	0.00500	7.65		7.44	7.44	79.11
0.000077	0.00195	9.00		12.10	12.09	91.21
0.000038	0.000977	10.00		5.38	5.38	96.58
0.000019	0.000488	11.00		3.09	3.09	99.67
0.000015	0.000375	11.38		0.33	0.33	100.00
TOTALS				**100.10**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.05	0.0191	0.484
10	1.82	0.0111	0.283
16	2.65	0.0063	0.159
25	3.45	0.0036	0.091
40	4.47	0.0018	0.045
50	5.19	0.0011	0.027
60	5.99	0.0006	0.016
75	7.29	0.0003	0.006
84	8.19	0.0001	0.003
90	8.86	0.0001	0.002
95	9.71	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.19	5.19	5.19
Median, in.	0.0011	0.0011	0.0011
Median, mm	0.027	0.027	0.027
Mean, phi	4.35	5.42	5.34
Mean, in.	0.0019	0.0009	0.0010
Mean, mm	0.049	0.023	0.025
Sorting	3.780	2.770	2.697
Skewness	0.882	0.085	0.064
Kurtosis	0.151	0.563	0.925

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	6.08
Fine Sand	200	23.29
Silt	>0.005 mm	49.75
Clay	<0.005 mm	20.89
	Total	**100**

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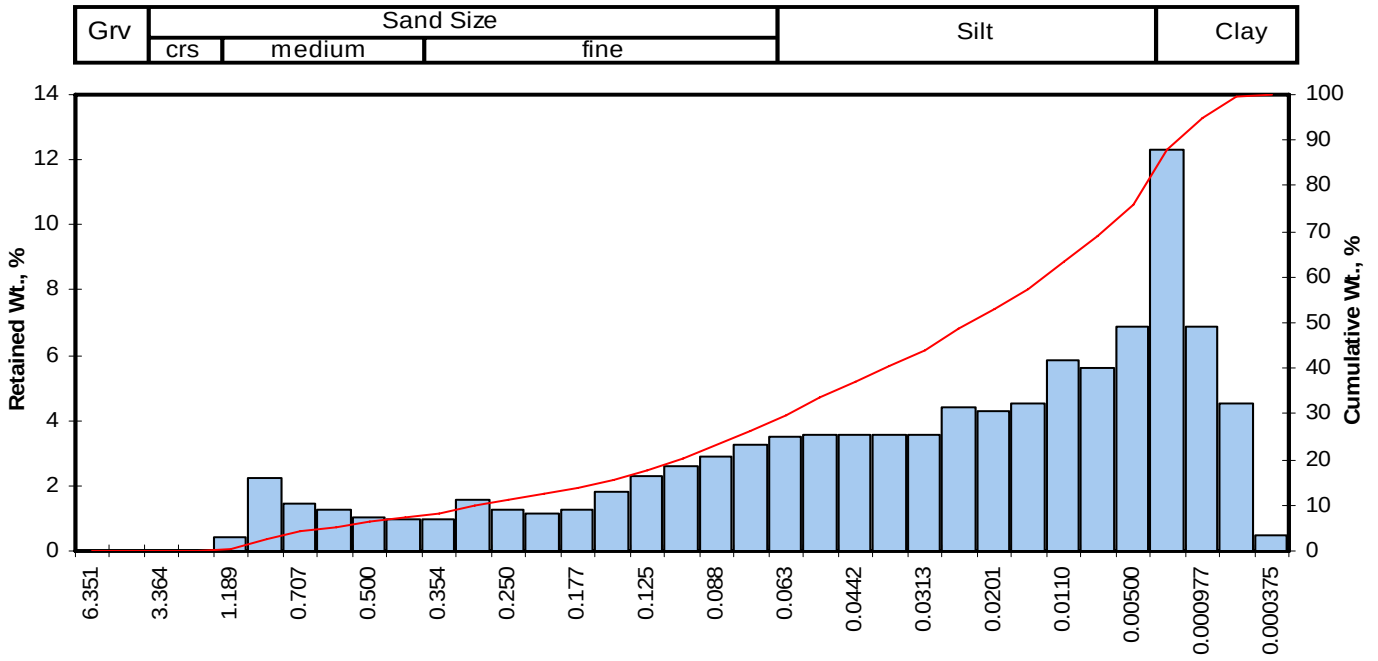
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-60
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.41	0.41	0.41
0.0331	0.841	0.25	20	2.24	2.24	2.65
0.0278	0.707	0.50	25	1.46	1.46	4.11
0.0234	0.595	0.75	30	1.28	1.28	5.39
0.0197	0.500	1.00	35	1.01	1.01	6.40
0.0166	0.420	1.25	40	0.98	0.98	7.38
0.0139	0.354	1.50	45	0.97	0.97	8.35
0.0117	0.297	1.75	50	1.58	1.58	9.93
0.0098	0.250	2.00	60	1.29	1.29	11.22
0.0083	0.210	2.25	70	1.15	1.15	12.37
0.0070	0.177	2.50	80	1.27	1.27	13.63
0.0059	0.149	2.75	100	1.79	1.79	15.42
0.0049	0.125	3.00	120	2.28	2.28	17.70
0.0041	0.105	3.25	140	2.60	2.60	20.30
0.0035	0.088	3.50	170	2.89	2.89	23.19
0.0029	0.074	3.75	200	3.23	3.23	26.42
0.0025	0.063	4.00	230	3.48	3.48	29.90
0.0021	0.053	4.25	270	3.57	3.57	33.47
0.00174	0.0442	4.50	325	3.58	3.58	37.05
0.00146	0.0372	4.75	400	3.58	3.58	40.62
0.00123	0.0313	5.00	450	3.55	3.55	44.17
0.000986	0.0250	5.32	500	4.43	4.43	48.60
0.000790	0.0201	5.64	635	4.29	4.29	52.89
0.000615	0.0156	6.00		4.53	4.53	57.42
0.000435	0.0110	6.50		5.88	5.88	63.29
0.000308	0.00781	7.00		5.60	5.60	68.89
0.000197	0.00500	7.65		6.91	6.91	75.80
0.000077	0.00195	9.00		12.30	12.30	88.09
0.000038	0.000977	10.00		6.89	6.89	94.98
0.000019	0.000488	11.00		4.52	4.52	99.50
0.000015	0.000375	11.38		0.50	0.50	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.67	0.0247	0.627
10	1.76	0.0116	0.294
16	2.81	0.0056	0.142
25	3.64	0.0032	0.080
40	4.71	0.0015	0.038
50	5.42	0.0009	0.023
60	6.22	0.0005	0.013
75	7.57	0.0002	0.005
84	8.55	0.0001	0.003
90	9.28	0.0001	0.002
95	10.00	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.42	5.42	5.42
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.55	5.68	5.60
Mean, in.	0.0017	0.0008	0.0008
Mean, mm	0.043	0.019	0.021
Sorting	3.904	2.868	2.847
Skewness	0.882	0.089	0.036
Kurtosis	0.128	0.627	0.973

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	7.38
Fine Sand	200	19.04
Silt	>0.005 mm	49.38
Clay	<0.005 mm	24.20
	Total	**100**

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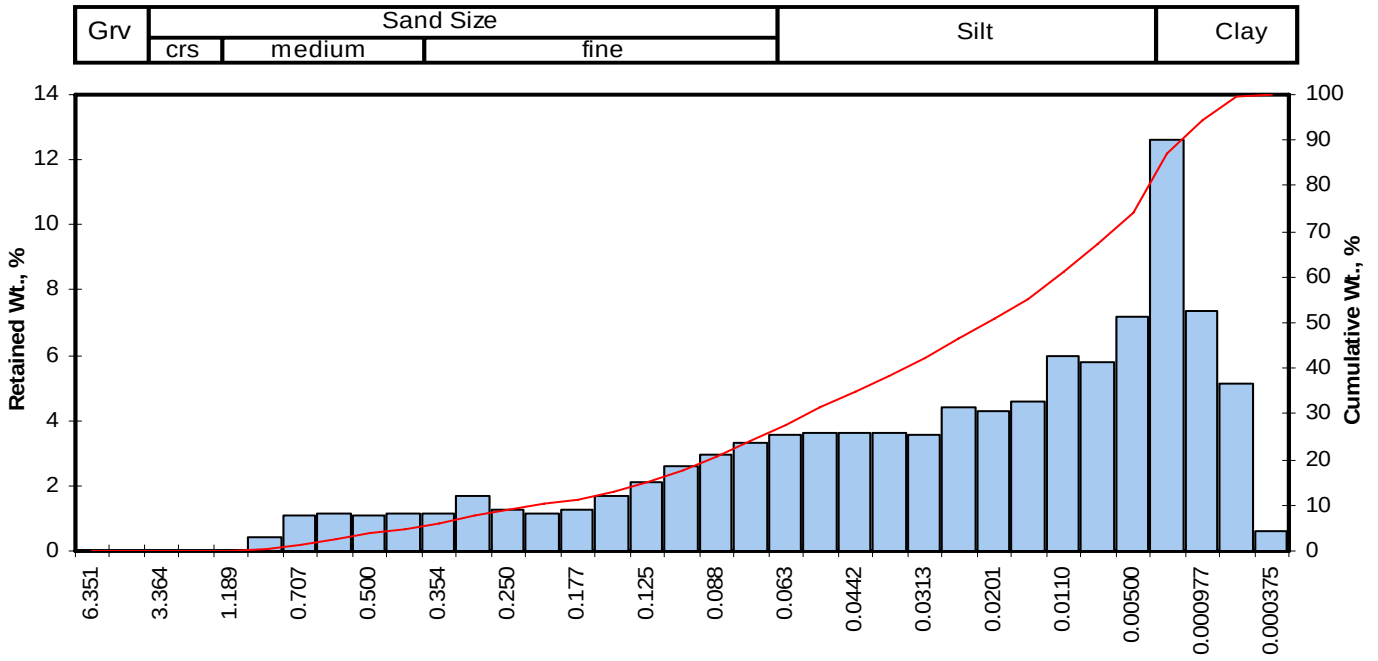
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-80
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.44	0.44	0.44
0.0278	0.707	0.50	25	1.06	1.06	1.50
0.0234	0.595	0.75	30	1.17	1.17	2.67
0.0197	0.500	1.00	35	1.07	1.07	3.74
0.0166	0.420	1.25	40	1.16	1.16	4.90
0.0139	0.354	1.50	45	1.14	1.14	6.04
0.0117	0.297	1.75	50	1.68	1.68	7.72
0.0098	0.250	2.00	60	1.27	1.27	8.99
0.0083	0.210	2.25	70	1.14	1.14	10.14
0.0070	0.177	2.50	80	1.26	1.26	11.40
0.0059	0.149	2.75	100	1.69	1.69	13.09
0.0049	0.125	3.00	120	2.14	2.14	15.23
0.0041	0.105	3.25	140	2.57	2.57	17.80
0.0035	0.088	3.50	170	2.98	2.98	20.78
0.0029	0.074	3.75	200	3.34	3.34	24.12
0.0025	0.063	4.00	230	3.53	3.53	27.65
0.0021	0.053	4.25	270	3.60	3.60	31.26
0.00174	0.0442	4.50	325	3.62	3.62	34.88
0.00146	0.0372	4.75	400	3.62	3.62	38.50
0.00123	0.0313	5.00	450	3.55	3.55	42.05
0.000986	0.0250	5.32	500	4.42	4.42	46.47
0.000790	0.0201	5.64	635	4.31	4.31	50.79
0.000615	0.0156	6.00		4.57	4.57	55.36
0.000435	0.0110	6.50		5.98	5.98	61.34
0.000308	0.00781	7.00		5.80	5.80	67.14
0.000197	0.00500	7.65		7.17	7.17	74.32
0.000077	0.00195	9.00		12.60	12.61	86.92
0.000038	0.000977	10.00		7.37	7.37	94.30
0.000019	0.000488	11.00		5.12	5.12	99.42
0.000015	0.000375	11.38		0.58	0.58	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.27	0.0163	0.414
10	2.22	0.0084	0.215
16	3.08	0.0047	0.119
25	3.81	0.0028	0.071
40	4.86	0.0014	0.035
50	5.58	0.0008	0.021
60	6.39	0.0005	0.012
75	7.72	0.0002	0.005
84	8.69	0.0001	0.002
90	9.42	0.0001	0.001
95	10.14	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.58	5.58	5.58
Median, in.	0.0008	0.0008	0.0008
Median, mm	0.021	0.021	0.021
Mean, phi	4.72	5.88	5.78
Mean, in.	0.0015	0.0007	0.0007
Mean, mm	0.038	0.017	0.018
Sorting	3.872	2.805	2.746
Skewness	0.881	0.106	0.067
Kurtosis	0.156	0.580	0.930

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	4.90
Fine Sand	200	19.22
Silt	>0.005 mm	50.20
Clay	<0.005 mm	25.68
	Total	**100**

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PHYSICAL PROPERTIES DATA

PROJECT NAME: Omega Chemical
PROJECT NO: 10500-37240

METHODOLOGY: **API RP40**

SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	BULK DENSITY (g/cc)	TOTAL POROSITY, % Vb
B-1 (33-33.5)	33-33.5	V	1.63	38.3
B-1 (74-75)	74-75	V	1.61	39.6
B-2 (29.5-30)	29.5-30	V	1.55	41.4
B-2 (44.5-45)	44.5-45	V	1.61	39.3
B-2 (67.5-68)	67.5-68	V	1.65	37.4
B-3 (33-33.5)	33-33.5	V	1.70	36.1
B-3 (57-57.5)	57-57.5	V	1.73	35.0

(1) Sample Orientation: H = horizontal; V = vertical (2) Total Porosity = no pore fluids in place; all interconnected pore channels Vb = Bulk Volume, cc

PTS Laboratories

CDM, Inc.
PTS File No: 36178

PHYSICAL PROPERTIES DATA

PROJECT NAME: Omega Chemical
PROJECT NO: 10500-37240

	METHODOLOGY:	ASTM D2216		API RP40		WALKLEY-BLACK	ASTM D5084	
							25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	BULK DENSITY (g/cc)	TOTAL POROSITY, % Vb (2)	TOTAL ORGANIC CARBON mg/kg	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (3,4) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (3,4) (cm/s)
MIP8-B4-8	8.70	V	21.4	1.52	42.8	1750	--	--
MIP8-B4-29	29.15	V	25.6	1.52	42.4	2150	--	--
MIP8-B4-33	33.15	V	20.3	1.77	33.0	1750	0.884	8.33E-07
MIP8-B4-40	39.15	V	24.9	1.56	40.9	910	--	--
MIP8-B4-56	56.85	V	19.8	1.68	36.7	770	--	--
MIP22-B5-26	26.80	V	15.8	1.64	38.2	790	--	--
MIP22-B5-36	37.90	V	18.8	1.66	37.6	690	--	--
VP21-B6-20	20.90	V	22.1	1.59	40.2	760	--	--
VP21-B6-29	29.15	V	22.7	1.57	40.9	670	--	--
VP21-B6-35	35.80	V	18.2	1.66	37.4	740	0.887	8.30E-07
VP21-B6-43	43.30	V	19.6	1.58	40.3	640	--	--
VP21-B6-48	49.90	V	22.6	1.65	38.0	1300	--	--
MIP21-B7-29	29.30	V	23.5	1.54	41.6	1200	--	--
MIP21-B7-35	35.80	V	21.8	1.59	39.6	1700	0.706	6.63E-07
MIP21-B7-44	44.20	V	27.5	1.55	49.1	1200	--	--
MIP21-B7-55	53.80	V	12.0	1.63	39.7	510	--	--

(1) Sample Orientation: H = horizontal; V = vertical (2) Total Porosity = no pore fluids in place; all interconnected pore channels; Air Filled = pore chan not occupied by pore fluids (3) Native State = As received with pore fluids in place (4) Permeability to water and conductivity measured at saturated conditions Vb = Bulk Volume, cc; Pv = Pore Volume, cc; ND = Not Detected

PHYSICAL PROPERTIES DATA

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.0SS.Field

METHODOLOGY: ASTM D2216 **ASTM D5084**

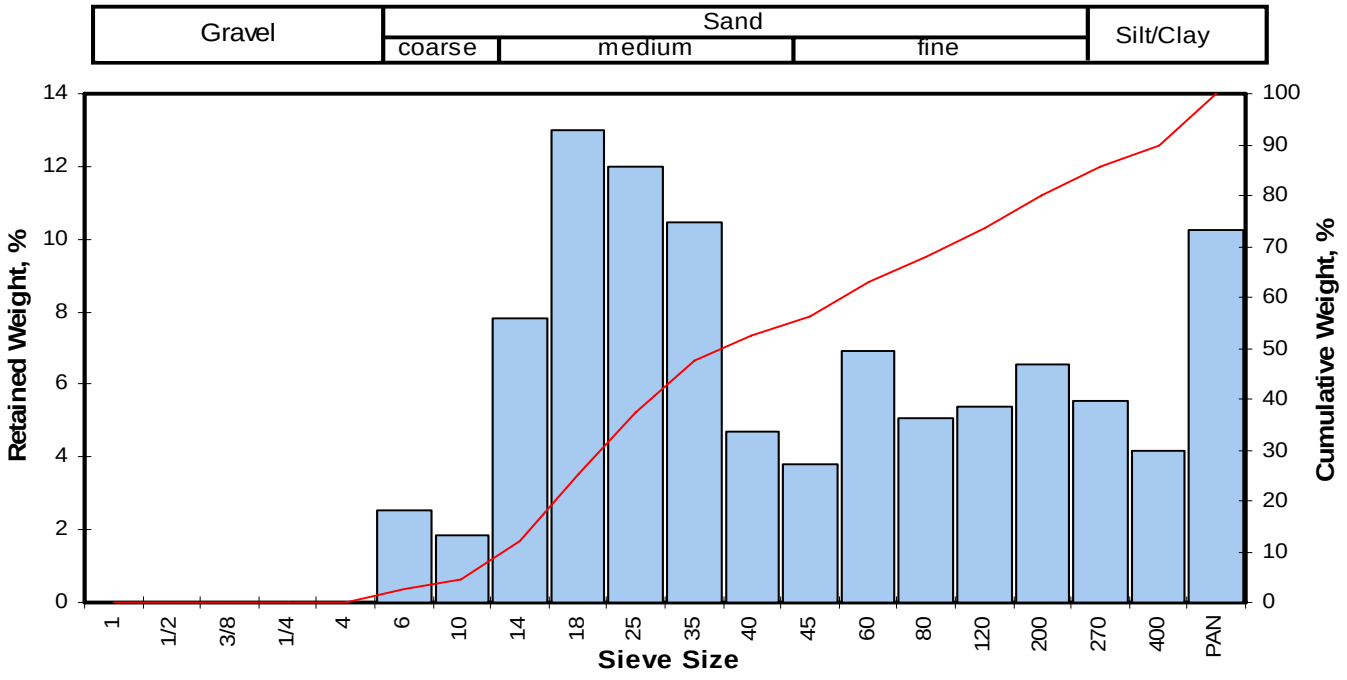
				25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (2,3) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (2,3) (cm/s)
OC-SS-000-20-04060⁴	N/A	V	26.4	0.268	2.62E-07
OC-SS-000-13-04060⁴	N/A	V	19.8	2.49	2.38E-06
OC-SG-06-04-041204	N/A	V	12.0	9.80	9.41E-06
OC-SG-06-08-041304	N/A	V	19.7	0.829	8.04E-07

(1) Sample Orientation: H = horizontal; V = vertical (2) Native State = As received with pore fluids in place (3) Permeability to water and conductivity measured at saturated conditions

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D422M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SS-000-13-040604
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Opening		Phi of	U.S. Sieve	Sample Weight	Incremental Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.9844	25.002	-4.64	1	0.00	0.00	0.00
0.4922	12.501	-3.64	1/2	0.00	0.00	0.00
0.3740	9.500	-3.25	3/8	0.00	0.00	0.00
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.26	2.54	2.54
0.0787	2.000	-1.00	10	0.19	1.85	4.39
0.0557	1.414	-0.50	14	0.80	7.80	12.20
0.0394	1.000	0.00	18	1.33	12.98	25.17
0.0278	0.707	0.50	25	1.23	12.00	37.17
0.0197	0.500	1.00	35	1.07	10.44	47.61
0.0166	0.420	1.25	40	0.48	4.68	52.29
0.0139	0.354	1.50	45	0.39	3.80	56.10
0.0098	0.250	2.00	60	0.71	6.93	63.02
0.0070	0.177	2.50	80	0.52	5.07	68.10
0.0049	0.125	3.00	120	0.55	5.37	73.46
0.0029	0.074	3.75	200	0.67	6.54	80.00
0.0021	0.053	4.25	270	0.57	5.56	85.56
0.0015	0.037	4.75	400	0.43	4.20	89.76
			PAN	1.05	10.24	100.00
TOTALS				10.25	100.00	100.00

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	-0.96	0.0766	1.947
10	-0.64	0.0614	1.559
16	-0.35	0.0503	1.278
25	-0.01	0.0396	1.005
40	0.64	0.0253	0.644
50	1.13	0.0180	0.458
60	1.78	0.0115	0.291
75	3.18	0.0044	0.111
84	4.11	0.0023	0.058
90	4.64	0.0016	0.040
95	2.32	0.0079	0.200

Measure	Trask	Inman	Folk-Ward
Median, phi	1.13	1.13	1.13
Median, in.	0.0180	0.0180	0.0180
Median, mm	0.458	0.458	0.458
Mean, phi	0.84	1.88	1.63
Mean, in.	0.0220	0.0107	0.0127
Mean, mm	0.558	0.272	0.324
Sorting	3.014	2.232	1.613
Skewness	0.728	0.336	0.031
Kurtosis	0.294	-0.265	0.422

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	4.39
Medium Sand	40	47.90
Fine Sand	200	27.71
Silt/Clay	<200	20.00
	Total	100

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SOIL CHEMISTRY DATA

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.0SS.Field

	METHODOLOGY:		WALKLEY-BLACK	EPA 9081	ASTM D1498
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	TOTAL ORGANIC CARBON (mg/kg)	CATION EXCHANGE CAPACITY (meq/100g)	OXIDATION REDUCTION POTENTIAL (mV)
OC-SS-000-20-040604	N/A	V	7300	15	310
OC-SS-000-13-040604	N/A	V	4600	13	300
OC-SG-06-04-041204	N/A	V	1600	15	300
OC-SG-06-08-041304	N/A	V	1750	14	280

(1) Sample Orientation: H = horizontal; V = vertical

PTS Laboratories, Inc.

CDM
PTS File No: 34256

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.0SS.Field

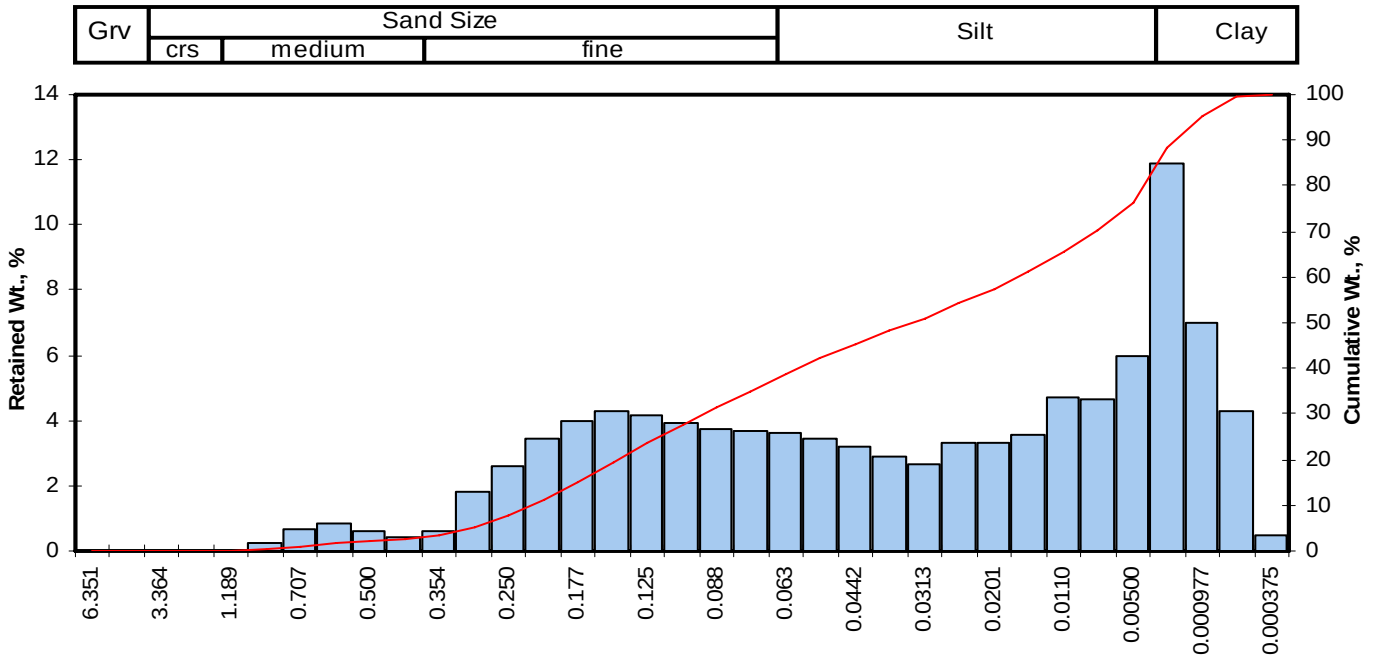
Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
OC-SS-000-20-040604	N/A	Silt	0.033	0.00	0.00	2.71	32.30	41.34	23.65	64.99
OC-SS-000-13-040604	N/A	Medium sand	0.458	0.00	4.39	47.90	27.71	(2)	(2)	20.00
OC-SG-06-04-041204	N/A	Medium sand	0.633	6.19	16.31	36.04	26.07	(2)	(2)	15.39
OC-SG-06-08-041304	N/A	Silt	0.022	0.00	0.00	7.70	17.29	51.10	23.90	75.01

(1) Based on Mean from Trask
(2) Dry sieve data does not differentiate silt/clay fractions

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SS-000-20-040604
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.22	0.22	0.22
0.0278	0.707	0.50	25	0.65	0.65	0.87
0.0234	0.595	0.75	30	0.82	0.82	1.69
0.0197	0.500	1.00	35	0.58	0.58	2.27
0.0166	0.420	1.25	40	0.44	0.44	2.71
0.0139	0.354	1.50	45	0.60	0.60	3.31
0.0117	0.297	1.75	50	1.80	1.80	5.11
0.0098	0.250	2.00	60	2.62	2.62	7.73
0.0083	0.210	2.25	70	3.45	3.45	11.18
0.0070	0.177	2.50	80	3.98	3.98	15.17
0.0059	0.149	2.75	100	4.31	4.31	19.48
0.0049	0.125	3.00	120	4.19	4.19	23.67
0.0041	0.105	3.25	140	3.93	3.93	27.60
0.0035	0.088	3.50	170	3.73	3.73	31.33
0.0029	0.074	3.75	200	3.68	3.68	35.01
0.0025	0.063	4.00	230	3.61	3.61	38.63
0.0021	0.053	4.25	270	3.44	3.44	42.07
0.00174	0.0442	4.50	325	3.17	3.17	45.24
0.00146	0.0372	4.75	400	2.89	2.89	48.13
0.00123	0.0313	5.00	450	2.68	2.68	50.81
0.000986	0.0250	5.32	500	3.30	3.30	54.11
0.000790	0.0201	5.64	635	3.30	3.30	57.41
0.000615	0.0156	6.00		3.58	3.58	60.99
0.000435	0.0110	6.50		4.72	4.72	65.72
0.000308	0.00781	7.00		4.63	4.63	70.35
0.000197	0.00500	7.65		6.00	6.00	76.35
0.000077	0.00195	9.00		11.90	11.90	88.26
0.000038	0.000977	10.00		7.00	7.00	95.26
0.000019	0.000488	11.00		4.28	4.28	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.73	0.0118	0.301
10	2.16	0.0088	0.223
16	2.55	0.0067	0.171
25	3.08	0.0046	0.118
40	4.10	0.0023	0.058
50	4.92	0.0013	0.033
60	5.90	0.0007	0.017
75	7.50	0.0002	0.006
84	8.52	0.0001	0.003
90	9.25	0.0001	0.002
95	9.96	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	4.92	4.92	4.92
Median, in.	0.0013	0.0013	0.0013
Median, mm	0.033	0.033	0.033
Mean, phi	4.02	5.53	5.33
Mean, in.	0.0024	0.0009	0.0010
Mean, mm	0.062	0.022	0.025
Sorting	4.619	2.984	2.739
Skewness	0.775	0.204	0.214
Kurtosis	0.254	0.379	0.764
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	2.71
Fine Sand	200	32.30
Silt	>0.005 mm	41.34
Clay	<0.005 mm	23.65
	Total	**100**

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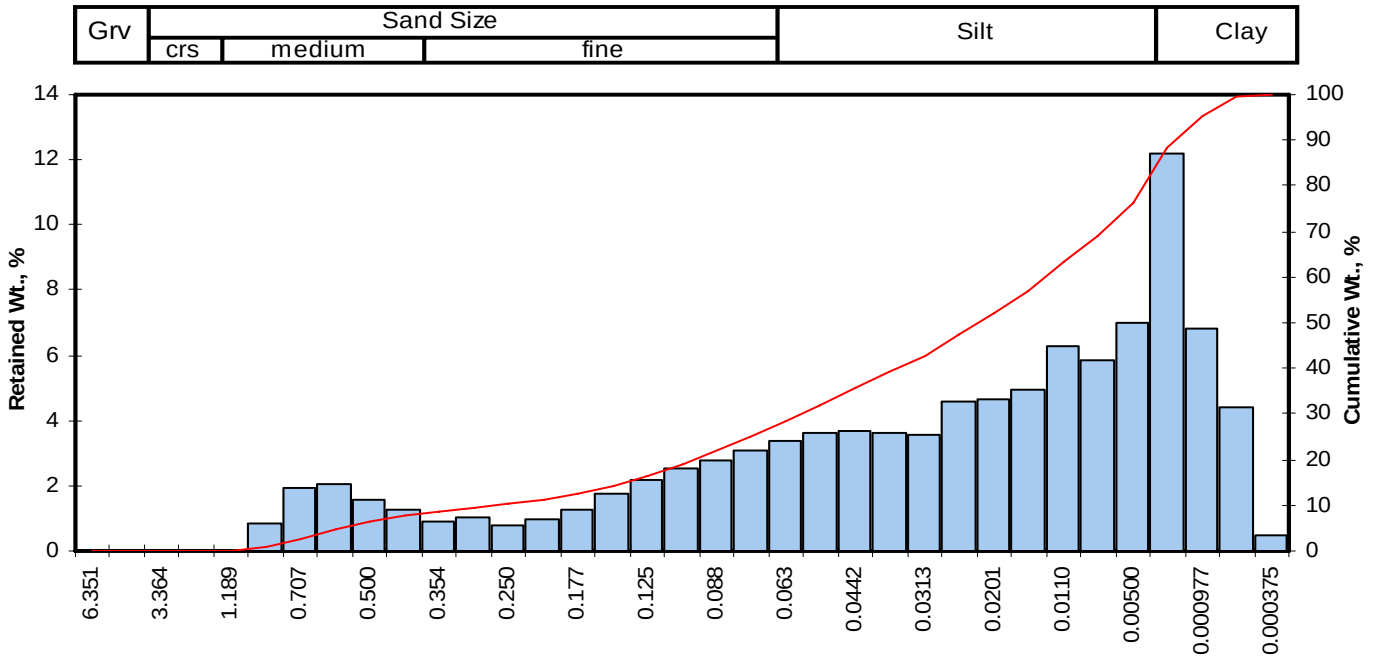
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SG-06-08-041304
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.84	0.84	0.84
0.0278	0.707	0.50	25	1.96	1.96	2.80
0.0234	0.595	0.75	30	2.03	2.03	4.83
0.0197	0.500	1.00	35	1.58	1.58	6.41
0.0166	0.420	1.25	40	1.29	1.29	7.70
0.0139	0.354	1.50	45	0.93	0.93	8.63
0.0117	0.297	1.75	50	1.04	1.04	9.67
0.0098	0.250	2.00	60	0.76	0.76	10.43
0.0083	0.210	2.25	70	0.94	0.94	11.37
0.0070	0.177	2.50	80	1.29	1.29	12.66
0.0059	0.149	2.75	100	1.75	1.75	14.41
0.0049	0.125	3.00	120	2.18	2.18	16.59
0.0041	0.105	3.25	140	2.55	2.55	19.13
0.0035	0.088	3.50	170	2.80	2.80	21.93
0.0029	0.074	3.75	200	3.06	3.06	24.99
0.0025	0.063	4.00	230	3.36	3.36	28.35
0.0021	0.053	4.25	270	3.61	3.61	31.96
0.00174	0.0442	4.50	325	3.70	3.70	35.66
0.00146	0.0372	4.75	400	3.65	3.65	39.31
0.00123	0.0313	5.00	450	3.58	3.58	42.89
0.000986	0.0250	5.32	500	4.58	4.58	47.47
0.000790	0.0201	5.64	635	4.63	4.63	52.09
0.000615	0.0156	6.00		4.92	4.92	57.01
0.000435	0.0110	6.50		6.26	6.26	63.27
0.000308	0.00781	7.00		5.83	5.83	69.10
0.000197	0.00500	7.65		7.00	7.00	76.10
0.000077	0.00195	9.00		12.20	12.20	88.29
0.000038	0.000977	10.00		6.85	6.85	95.14
0.000019	0.000488	11.00		4.38	4.38	99.52
0.000015	0.000375	11.38		0.48	0.48	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	0.78	0.0230	0.584
10	1.86	0.0108	0.276
16	2.93	0.0052	0.131
25	3.75	0.0029	0.074
40	4.80	0.0014	0.036
50	5.50	0.0009	0.022
60	6.24	0.0005	0.013
75	7.54	0.0002	0.005
84	8.52	0.0001	0.003
90	9.25	0.0001	0.002
95	9.98	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.50	5.50	5.50
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.022	0.022	0.022
Mean, phi	4.65	5.73	5.65
Mean, in.	0.0016	0.0007	0.0008
Mean, mm	0.040	0.019	0.020
Sorting	3.723	2.795	2.792
Skewness	0.900	0.083	0.029
Kurtosis	0.126	0.646	0.994
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	7.70
Fine Sand	200	17.29
Silt	>0.005 mm	51.10
Clay	<0.005 mm	23.90
	Total	**100**

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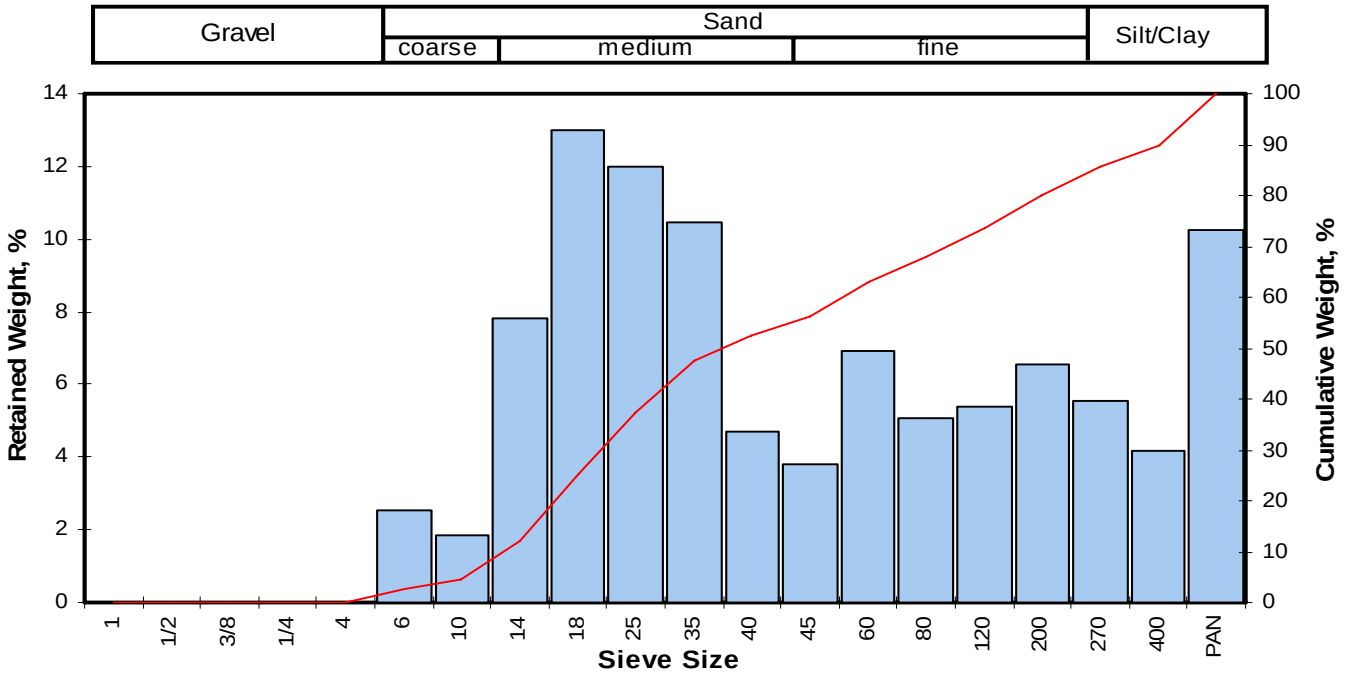
Particle Size Analysis - ASTM D422M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SS-000-13-040604
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Opening		Phi of	U.S. Sieve	Sample Weight	Incremental Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.9844	25.002	-4.64	1	0.00	0.00	0.00
0.4922	12.501	-3.64	1/2	0.00	0.00	0.00
0.3740	9.500	-3.25	3/8	0.00	0.00	0.00
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.26	2.54	2.54
0.0787	2.000	-1.00	10	0.19	1.85	4.39
0.0557	1.414	-0.50	14	0.80	7.80	12.20
0.0394	1.000	0.00	18	1.33	12.98	25.17
0.0278	0.707	0.50	25	1.23	12.00	37.17
0.0197	0.500	1.00	35	1.07	10.44	47.61
0.0166	0.420	1.25	40	0.48	4.68	52.29
0.0139	0.354	1.50	45	0.39	3.80	56.10
0.0098	0.250	2.00	60	0.71	6.93	63.02
0.0070	0.177	2.50	80	0.52	5.07	68.10
0.0049	0.125	3.00	120	0.55	5.37	73.46
0.0029	0.074	3.75	200	0.67	6.54	80.00
0.0021	0.053	4.25	270	0.57	5.56	85.56
0.0015	0.037	4.75	400	0.43	4.20	89.76
			PAN	1.05	10.24	100.00
TOTALS				10.25	100.00	100.00

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	-0.96	0.0766	1.947
10	-0.64	0.0614	1.559
16	-0.35	0.0503	1.278
25	-0.01	0.0396	1.005
40	0.64	0.0253	0.644
50	1.13	0.0180	0.458
60	1.78	0.0115	0.291
75	3.18	0.0044	0.111
84	4.11	0.0023	0.058
90	4.64	0.0016	0.040
95	2.32	0.0079	0.200

Measure	Trask	Inman	Folk-Ward
Median, phi	1.13	1.13	1.13
Median, in.	0.0180	0.0180	0.0180
Median, mm	0.458	0.458	0.458
Mean, phi	0.84	1.88	1.63
Mean, in.	0.0220	0.0107	0.0127
Mean, mm	0.558	0.272	0.324
Sorting	3.014	2.232	1.613
Skewness	0.728	0.336	0.031
Kurtosis	0.294	-0.265	0.422

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	4.39
Medium Sand	40	47.90
Fine Sand	200	27.71
Silt/Clay	<200	20.00
	Total	100

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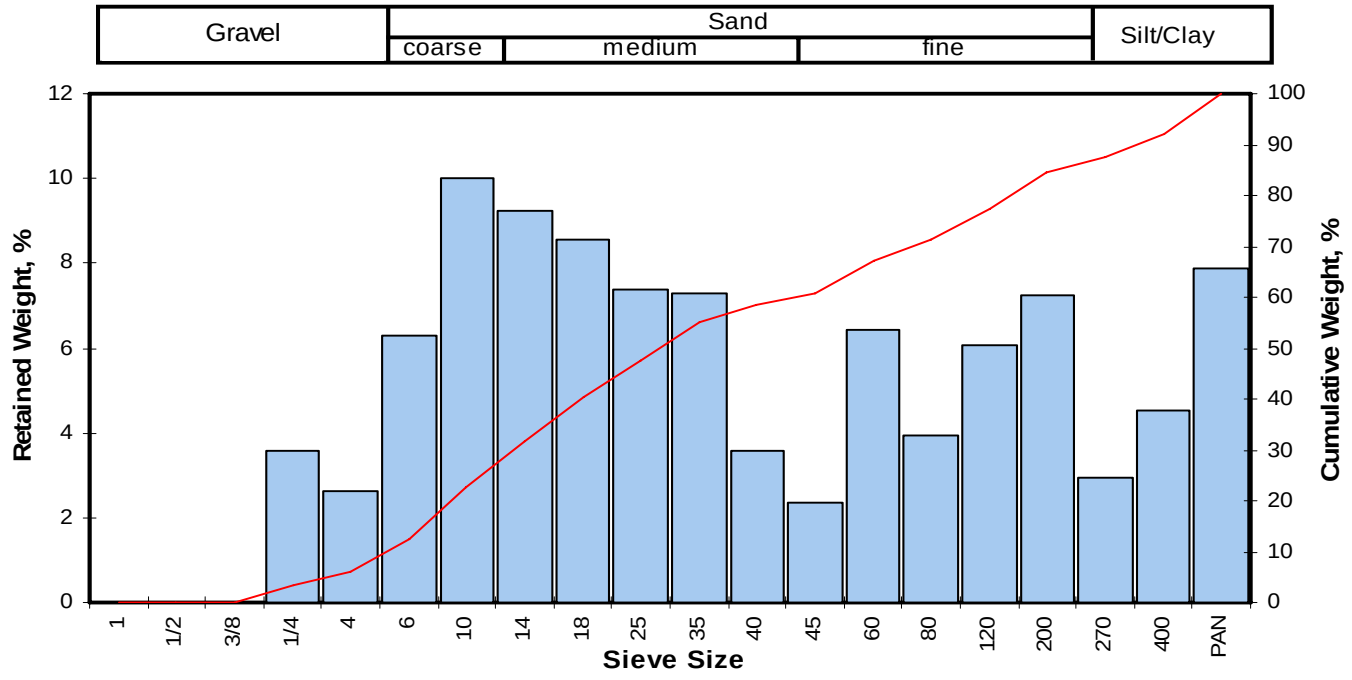
PTS Laboratories, Inc.

Particle Size Analysis - ASTM D422M

Client:	CDM	**PTS File No:**	34256
Project:	N/A	**Sample ID:**	OC-SG-06-04-041204
Project No:	10500-37240-T2.0SS.Field	**Depth, ft:**	N/A



Opening		Phi of	U.S. Sieve	Sample Weight	Incremental Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.9844	25.002	-4.64	1	0.00	0.00	0.00
0.4922	12.501	-3.64	1/2	0.00	0.00	0.00
0.3740	9.500	-3.25	3/8	0.00	0.00	0.00
0.2500	6.351	-2.67	1/4	0.70	3.58	3.58
0.1873	4.757	-2.25	4	0.51	2.61	6.19
0.1324	3.364	-1.75	6	1.23	6.29	12.47
0.0787	2.000	-1.00	10	1.96	10.02	22.49
0.0557	1.414	-0.50	14	1.81	9.25	31.75
0.0394	1.000	0.00	18	1.67	8.54	40.29
0.0278	0.707	0.50	25	1.44	7.36	47.65
0.0197	0.500	1.00	35	1.43	7.31	54.96
0.0166	0.420	1.25	40	0.70	3.58	58.54
0.0139	0.354	1.50	45	0.46	2.35	60.89
0.0098	0.250	2.00	60	1.26	6.44	67.33
0.0070	0.177	2.50	80	0.77	3.94	71.27
0.0049	0.125	3.00	120	1.19	6.08	77.35
0.0029	0.074	3.75	200	1.42	7.26	84.61
0.0021	0.053	4.25	270	0.58	2.97	87.58
0.0015	0.037	4.75	400	0.89	4.55	92.13
			PAN	1.54	7.87	100.00
TOTALS				19.56	100.00	100.00

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	-2.44	0.2136	5.425
10	-1.95	0.1518	3.855
16	-1.49	0.1103	2.801
25	-0.86	0.0717	1.821
40	-0.02	0.0398	1.012
50	0.66	0.0249	0.633
60	1.41	0.0149	0.378
75	2.81	0.0056	0.143
84	3.69	0.0031	0.078
90	4.52	0.0017	0.044
95	3.02	0.0049	0.124

Measure	Trask	Inman	Folk-Ward
Median, phi	0.66	0.66	0.66
Median, in.	0.0249	0.0249	0.0249
Median, mm	0.633	0.633	0.633
Mean, phi	0.03	1.10	0.95
Mean, in.	0.0387	0.0184	0.0203
Mean, mm	0.982	0.466	0.516
Sorting	3.569	2.586	2.120
Skewness	0.807	0.170	0.017
Kurtosis	0.220	0.055	0.609

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	6.19
Coarse Sand	10	16.31
Medium Sand	40	36.04
Fine Sand	200	26.07
Silt/Clay	<200	15.39
	Total	100

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404273

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500 OMEGA
DATE RECEIVED:	4/15/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	4/27/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-SG-06-01-041204	Modified TO-15/TICs	3.5 "Hg
02A	OC-SG-12-01-041204	Modified TO-15/TICs	2.5 "Hg
03A	OC-SG-512-01-041204	Modified TO-15/TICs	8.0 "Hg
04A	OC-SG-06-02-041204	Modified TO-15/TICs	3.5 "Hg
05A	OC-SG-12-02-041204	Modified TO-15/TICs	3.5 "Hg
05AA	OC-SG-12-02-041204 Duplicate	Modified TO-15/TICs	3.5 "Hg
06A	OC-SG-06-03-041204	Modified TO-15/TICs	5.0 "Hg
07A	OC-SG-12-03-041204	Modified TO-15/TICs	1.0 "Hg
08A	OC-SG-06-06-041204	Modified TO-15/TICs	1.5 "Hg
09A	OC-SG-506-06-041204	Modified TO-15/TICs	5.0 "Hg
10A	OC-SG-12-06-041204	Modified TO-15/TICs	4.0 "Hg
11A	OC-SG-06-05-041204	Modified TO-15/TICs	1.5 "Hg
12A	OC-SG-12-05-041204	Modified TO-15/TICs	7.5 "Hg
13A	OC-SG-06-04-041204	Modified TO-15/TICs	3.0 "Hg
14A	OC-SG-12-04-041204	Modified TO-15/TICs	4.0 "Hg
15A	OC-SG-06-12-041204	Modified TO-15/TICs	4.5 "Hg
16A	OC-SG-12-12-041204	Modified TO-15/TICs	6.0 "Hg
16AA	OC-SG-12-12-041204 Duplicate	Modified TO-15/TICs	6.0 "Hg
17A	Lab Blank	Modified TO-15/TICs	NA
17B	Lab Blank	Modified TO-15/TICs	NA

Continued on next page

WORK ORDER #: 0404273

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500 OMEGA
DATE RECEIVED:	4/15/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	4/27/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
18A	CCV	Modified TO-15/TICs	NA
18B	CCV	Modified TO-15/TICs	NA
19A	LCS	Modified TO-15/TICs	NA
19B	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda J. Fruman DATE: 04/27/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0404273

Sixteen 6 Liter Summa Canister samples were received on April 15, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

The chain of custody information for sample OC-SG-12-04-041204 did not match the entry on the sample tag. The discrepancy was noted in the Sample Receipt Confirmation email/fax and the information on the chain of custody was used to process and report the sample.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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SAMPLE NAME: OC-SG-06-01-041204

ID#: 0404273-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042008**	**Date of Collection: 4/12/04**	
Dil. Factor:	**3040**	**Date of Analysis: 4/20/04 01:04 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7600	Not Detected
Freon 114	1500	Not Detected	11000	Not Detected
Vinyl Chloride	1500	Not Detected	3900	Not Detected
Bromomethane	1500	Not Detected	6000	Not Detected
Chloroethane	1500	Not Detected	4100	Not Detected
Freon 11	1500	160000	8700	890000
1,1-Dichloroethene	1500	260000	6100	1000000
Freon 113	1500	450000	12000	3500000
Methylene Chloride	1500	Not Detected	5400	Not Detected
1,1-Dichloroethane	1500	Not Detected	6200	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	6100	Not Detected
Chloroform	1500	Not Detected	7500	Not Detected
1,1,1-Trichloroethane	1500	Not Detected	8400	Not Detected
Carbon Tetrachloride	1500	Not Detected	9700	Not Detected
Benzene	1500	Not Detected	4900	Not Detected
1,2-Dichloroethane	1500	Not Detected	6200	Not Detected
Trichloroethene	1500	56000	8300	300000
1,2-Dichloropropane	1500	Not Detected	7100	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	7000	Not Detected
Toluene	1500	Not Detected	5800	Not Detected
trans-1,3-Dichloropropene	1500	Not Detected	7000	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8400	Not Detected
Tetrachloroethene	1500	310000	10000	2100000
1,2-Dibromoethane (EDB)	1500	Not Detected	12000	Not Detected
Chlorobenzene	1500	Not Detected	7100	Not Detected
Ethyl Benzene	1500	Not Detected	6700	Not Detected
m,p-Xylene	1500	Not Detected	6700	Not Detected
o-Xylene	1500	Not Detected	6700	Not Detected
Styrene	1500	Not Detected	6600	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	11000	Not Detected
1,3,5-Trimethylbenzene	1500	Not Detected	7600	Not Detected
1,2,4-Trimethylbenzene	1500	Not Detected	7600	Not Detected
1,3-Dichlorobenzene	1500	Not Detected	9300	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	9300	Not Detected
alpha-Chlorotoluene	1500	Not Detected	8000	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	9300	Not Detected
1,3-Butadiene	1500	Not Detected	3400	Not Detected
Hexane	1500	Not Detected	5400	Not Detected
Cyclohexane	1500	Not Detected	5300	Not Detected
Bromodichloromethane	1500	Not Detected	10000	Not Detected
Dibromochloromethane	1500	Not Detected	13000	Not Detected
Heptane	1500	Not Detected	6300	Not Detected

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SAMPLE NAME: OC-SG-06-01-041204

ID#: 0404273-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042008**	**Date of Collection: 4/12/04**	
Dil. Factor:	**3040**	**Date of Analysis: 4/20/04 01:04 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1500	Not Detected	7600	Not Detected
Propylbenzene	1500	Not Detected	7600	Not Detected
Chloromethane	6100	Not Detected	13000	Not Detected
1,2,4-Trichlorobenzene	6100	Not Detected	46000	Not Detected
Hexachlorobutadiene	6100	Not Detected	66000	Not Detected
Acetone	6100	Not Detected	15000	Not Detected
Carbon Disulfide	1500	Not Detected	4800	Not Detected
2-Propanol	6100	Not Detected	15000	Not Detected
trans-1,2-Dichloroethene	1500	1700	6100	6900
Vinyl Acetate	6100	Not Detected	22000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4600	Not Detected
Tetrahydrofuran	1500	Not Detected	4600	Not Detected
1,4-Dioxane	6100	Not Detected	22000	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6300	Not Detected
2-Hexanone	6100	Not Detected	25000	Not Detected
Bromoform	1500	Not Detected	16000	Not Detected
4-Ethyltoluene	1500	Not Detected	7600	Not Detected
Ethanol	6100	Not Detected	12000	Not Detected
Methyl tert-butyl ether	1500	Not Detected	5600	Not Detected
2,2,4-Trimethylpentane	1500	Not Detected	7200	Not Detected
3-Chloropropene	6100	Not Detected	19000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	94	70-130

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SAMPLE NAME: OC-SG-12-01-041204

ID#: 0404273-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042009**	**Date of Collection: 4/12/04**	
Dil. Factor:	**58.4**	**Date of Analysis: 4/20/04 01:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	29	Not Detected	150	Not Detected
Freon 114	29	Not Detected	210	Not Detected
Vinyl Chloride	29	Not Detected	76	Not Detected
Bromomethane	29	Not Detected	120	Not Detected
Chloroethane	29	Not Detected	78	Not Detected
Freon 11	29	1300	170	7500
1,1-Dichloroethene	29	2900	120	12000
Freon 113	29	3800	230	29000
Methylene Chloride	29	Not Detected	100	Not Detected
1,1-Dichloroethane	29	Not Detected	120	Not Detected
cis-1,2-Dichloroethene	29	Not Detected	120	Not Detected
Chloroform	29	Not Detected	140	Not Detected
1,1,1-Trichloroethane	29	Not Detected	160	Not Detected
Carbon Tetrachloride	29	Not Detected	190	Not Detected
Benzene	29	Not Detected	95	Not Detected
1,2-Dichloroethane	29	Not Detected	120	Not Detected
Trichloroethene	29	1200	160	6400
1,2-Dichloropropane	29	Not Detected	140	Not Detected
cis-1,3-Dichloropropene	29	Not Detected	130	Not Detected
Toluene	29	Not Detected	110	Not Detected
trans-1,3-Dichloropropene	29	Not Detected	130	Not Detected
1,1,2-Trichloroethane	29	Not Detected	160	Not Detected
Tetrachloroethene	29	7700	200	53000
1,2-Dibromoethane (EDB)	29	Not Detected	230	Not Detected
Chlorobenzene	29	Not Detected	140	Not Detected
Ethyl Benzene	29	Not Detected	130	Not Detected
m,p-Xylene	29	Not Detected	130	Not Detected
o-Xylene	29	Not Detected	130	Not Detected
Styrene	29	Not Detected	130	Not Detected
1,1,2,2-Tetrachloroethane	29	Not Detected	200	Not Detected
1,3,5-Trimethylbenzene	29	Not Detected	140	Not Detected
1,2,4-Trimethylbenzene	29	Not Detected	140	Not Detected
1,3-Dichlorobenzene	29	Not Detected	180	Not Detected
1,4-Dichlorobenzene	29	Not Detected	180	Not Detected
alpha-Chlorotoluene	29	Not Detected	150	Not Detected
1,2-Dichlorobenzene	29	Not Detected	180	Not Detected
1,3-Butadiene	29	Not Detected	66	Not Detected
Hexane	29	Not Detected	100	Not Detected
Cyclohexane	29	Not Detected	100	Not Detected
Bromodichloromethane	29	Not Detected	200	Not Detected
Dibromochloromethane	29	Not Detected	250	Not Detected
Heptane	29	Not Detected	120	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-01-041204

ID#: 0404273-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042009**	**Date of Collection: 4/12/04**	
Dil. Factor:	**58.4**	**Date of Analysis: 4/20/04 01:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	29	Not Detected	140	Not Detected
Propylbenzene	29	Not Detected	140	Not Detected
Chloromethane	120	Not Detected	240	Not Detected
1,2,4-Trichlorobenzene	120	Not Detected	880	Not Detected
Hexachlorobutadiene	120	Not Detected	1300	Not Detected
Acetone	120	Not Detected	280	Not Detected
Carbon Disulfide	29	Not Detected	92	Not Detected
2-Propanol	120	Not Detected	290	Not Detected
trans-1,2-Dichloroethene	29	Not Detected	120	Not Detected
Vinyl Acetate	120	Not Detected	420	Not Detected
2-Butanone (Methyl Ethyl Ketone)	29	Not Detected	88	Not Detected
Tetrahydrofuran	29	Not Detected	88	Not Detected
1,4-Dioxane	120	Not Detected	430	Not Detected
4-Methyl-2-pentanone	29	Not Detected	120	Not Detected
2-Hexanone	120	Not Detected	490	Not Detected
Bromoform	29	Not Detected	310	Not Detected
4-Ethyltoluene	29	Not Detected	140	Not Detected
Ethanol	120	150	220	290
Methyl tert-butyl ether	29	Not Detected	110	Not Detected
2,2,4-Trimethylpentane	29	Not Detected	140	Not Detected
3-Chloropropene	120	Not Detected	370	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	260
2-Butene, (Z)-	590-18-1	64%	260

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-512-01-041204

ID#: 0404273-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042010**	**Date of Collection: 4/12/04**	
Dil. Factor:	**18.3**	**Date of Analysis: 4/20/04 02:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	9.2	Not Detected	46	Not Detected
Freon 114	9.2	Not Detected	65	Not Detected
Vinyl Chloride	9.2	Not Detected	24	Not Detected
Bromomethane	9.2	Not Detected	36	Not Detected
Chloroethane	9.2	Not Detected	24	Not Detected
Freon 11	9.2	680	52	3900
1,1-Dichloroethene	9.2	1200	37	4700
Freon 113	9.2	2000	71	16000
Methylene Chloride	9.2	Not Detected	32	Not Detected
1,1-Dichloroethane	9.2	Not Detected	38	Not Detected
cis-1,2-Dichloroethene	9.2	Not Detected	37	Not Detected
Chloroform	9.2	Not Detected	45	Not Detected
1,1,1-Trichloroethane	9.2	Not Detected	51	Not Detected
Carbon Tetrachloride	9.2	Not Detected	58	Not Detected
Benzene	9.2	Not Detected	30	Not Detected
1,2-Dichloroethane	9.2	Not Detected	38	Not Detected
Trichloroethene	9.2	270	50	1500
1,2-Dichloropropane	9.2	Not Detected	43	Not Detected
cis-1,3-Dichloropropene	9.2	Not Detected	42	Not Detected
Toluene	9.2	9.2	35	35
trans-1,3-Dichloropropene	9.2	Not Detected	42	Not Detected
1,1,2-Trichloroethane	9.2	Not Detected	51	Not Detected
Tetrachloroethene	9.2	1400	63	9800
1,2-Dibromoethane (EDB)	9.2	Not Detected	71	Not Detected
Chlorobenzene	9.2	Not Detected	43	Not Detected
Ethyl Benzene	9.2	Not Detected	40	Not Detected
m,p-Xylene	9.2	14	40	62
o-Xylene	9.2	Not Detected	40	Not Detected
Styrene	9.2	Not Detected	40	Not Detected
1,1,2,2-Tetrachloroethane	9.2	Not Detected	64	Not Detected
1,3,5-Trimethylbenzene	9.2	Not Detected	46	Not Detected
1,2,4-Trimethylbenzene	9.2	Not Detected	46	Not Detected
1,3-Dichlorobenzene	9.2	Not Detected	56	Not Detected
1,4-Dichlorobenzene	9.2	Not Detected	56	Not Detected
alpha-Chlorotoluene	9.2	Not Detected	48	Not Detected
1,2-Dichlorobenzene	9.2	Not Detected	56	Not Detected
1,3-Butadiene	9.2	Not Detected	20	Not Detected
Hexane	9.2	Not Detected	33	Not Detected
Cyclohexane	9.2	Not Detected	32	Not Detected
Bromodichloromethane	9.2	Not Detected	62	Not Detected
Dibromochloromethane	9.2	Not Detected	79	Not Detected
Heptane	9.2	Not Detected	38	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-512-01-041204

ID#: 0404273-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042010**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**18.3**	**Date of Analysis:**	**4/20/04 02:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	9.2	Not Detected	46	Not Detected
Propylbenzene	9.2	Not Detected	46	Not Detected
Chloromethane	37	Not Detected	77	Not Detected
1,2,4-Trichlorobenzene	37	Not Detected	280	Not Detected
Hexachlorobutadiene	37	Not Detected	400	Not Detected
Acetone	37	48	88	120
Carbon Disulfide	9.2	Not Detected	29	Not Detected
2-Propanol	37	Not Detected	91	Not Detected
trans-1,2-Dichloroethene	9.2	Not Detected	37	Not Detected
Vinyl Acetate	37	Not Detected	130	Not Detected
2-Butanone (Methyl Ethyl Ketone)	9.2	Not Detected	27	Not Detected
Tetrahydrofuran	9.2	Not Detected	27	Not Detected
1,4-Dioxane	37	Not Detected	130	Not Detected
4-Methyl-2-pentanone	9.2	Not Detected	38	Not Detected
2-Hexanone	37	Not Detected	150	Not Detected
Bromoform	9.2	Not Detected	96	Not Detected
4-Ethyltoluene	9.2	Not Detected	46	Not Detected
Ethanol	37	120	70	240
Methyl tert-butyl ether	9.2	Not Detected	34	Not Detected
2,2,4-Trimethylpentane	9.2	Not Detected	43	Not Detected
3-Chloropropene	37	Not Detected	120	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-02-041204

ID#: 0404273-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042011**	**Date of Collection: 4/12/04**	
Dil. Factor:	**3040**	**Date of Analysis: 4/20/04 03:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7600	Not Detected
Freon 114	1500	Not Detected	11000	Not Detected
Vinyl Chloride	1500	Not Detected	3900	Not Detected
Bromomethane	1500	Not Detected	6000	Not Detected
Chloroethane	1500	Not Detected	4100	Not Detected
Freon 11	1500	150000	8700	880000
1,1-Dichloroethene	1500	240000	6100	980000
Freon 113	1500	350000	12000	2700000
Methylene Chloride	1500	Not Detected	5400	Not Detected
1,1-Dichloroethane	1500	Not Detected	6200	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	6100	Not Detected
Chloroform	1500	Not Detected	7500	Not Detected
1,1,1-Trichloroethane	1500	2000	8400	11000
Carbon Tetrachloride	1500	Not Detected	9700	Not Detected
Benzene	1500	Not Detected	4900	Not Detected
1,2-Dichloroethane	1500	Not Detected	6200	Not Detected
Trichloroethene	1500	56000	8300	300000
1,2-Dichloropropane	1500	Not Detected	7100	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	7000	Not Detected
Toluene	1500	Not Detected	5800	Not Detected
trans-1,3-Dichloropropene	1500	Not Detected	7000	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8400	Not Detected
Tetrachloroethene	1500	220000	10000	1500000
1,2-Dibromoethane (EDB)	1500	Not Detected	12000	Not Detected
Chlorobenzene	1500	Not Detected	7100	Not Detected
Ethyl Benzene	1500	Not Detected	6700	Not Detected
m,p-Xylene	1500	Not Detected	6700	Not Detected
o-Xylene	1500	Not Detected	6700	Not Detected
Styrene	1500	Not Detected	6600	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	11000	Not Detected
1,3,5-Trimethylbenzene	1500	Not Detected	7600	Not Detected
1,2,4-Trimethylbenzene	1500	Not Detected	7600	Not Detected
1,3-Dichlorobenzene	1500	Not Detected	9300	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	9300	Not Detected
alpha-Chlorotoluene	1500	Not Detected	8000	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	9300	Not Detected
1,3-Butadiene	1500	Not Detected	3400	Not Detected
Hexane	1500	Not Detected	5400	Not Detected
Cyclohexane	1500	Not Detected	5300	Not Detected
Bromodichloromethane	1500	Not Detected	10000	Not Detected
Dibromochloromethane	1500	Not Detected	13000	Not Detected
Heptane	1500	Not Detected	6300	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-02-041204

ID#: 0404273-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042011**	**Date of Collection: 4/12/04**	
Dil. Factor:	**3040**	**Date of Analysis: 4/20/04 03:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1500	Not Detected	7600	Not Detected
Propylbenzene	1500	Not Detected	7600	Not Detected
Chloromethane	6100	Not Detected	13000	Not Detected
1,2,4-Trichlorobenzene	6100	Not Detected	46000	Not Detected
Hexachlorobutadiene	6100	Not Detected	66000	Not Detected
Acetone	6100	Not Detected	15000	Not Detected
Carbon Disulfide	1500	Not Detected	4800	Not Detected
2-Propanol	6100	Not Detected	15000	Not Detected
trans-1,2-Dichloroethene	1500	2500	6100	10000
Vinyl Acetate	6100	Not Detected	22000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4600	Not Detected
Tetrahydrofuran	1500	Not Detected	4600	Not Detected
1,4-Dioxane	6100	Not Detected	22000	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6300	Not Detected
2-Hexanone	6100	Not Detected	25000	Not Detected
Bromoform	1500	Not Detected	16000	Not Detected
4-Ethyltoluene	1500	Not Detected	7600	Not Detected
Ethanol	6100	Not Detected	12000	Not Detected
Methyl tert-butyl ether	1500	Not Detected	5600	Not Detected
2,2,4-Trimethylpentane	1500	Not Detected	7200	Not Detected
3-Chloropropene	6100	Not Detected	19000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-02-041204

ID#: 0404273-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042016**	**Date of Collection: 4/12/04**	
Dil. Factor:	**203**	**Date of Analysis: 4/20/04 06:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	100	Not Detected	510	Not Detected
Freon 114	100	Not Detected	720	Not Detected
Vinyl Chloride	100	Not Detected	260	Not Detected
Bromomethane	100	Not Detected	400	Not Detected
Chloroethane	100	Not Detected	270	Not Detected
Freon 11	100	10000	580	60000
1,1-Dichloroethene	100	17000	410	68000
Freon 113	100	24000	790	180000
Methylene Chloride	100	Not Detected	360	Not Detected
1,1-Dichloroethane	100	Not Detected	420	Not Detected
cis-1,2-Dichloroethene	100	Not Detected	410	Not Detected
Chloroform	100	Not Detected	500	Not Detected
1,1,1-Trichloroethane	100	130	560	700
Carbon Tetrachloride	100	Not Detected	650	Not Detected
Benzene	100	Not Detected	330	Not Detected
1,2-Dichloroethane	100	Not Detected	420	Not Detected
Trichloroethene	100	3600	550	20000
1,2-Dichloropropane	100	Not Detected	480	Not Detected
cis-1,3-Dichloropropene	100	Not Detected	470	Not Detected
Toluene	100	Not Detected	390	Not Detected
trans-1,3-Dichloropropene	100	Not Detected	470	Not Detected
1,1,2-Trichloroethane	100	Not Detected	560	Not Detected
Tetrachloroethene	100	13000	700	90000
1,2-Dibromoethane (EDB)	100	Not Detected	790	Not Detected
Chlorobenzene	100	Not Detected	470	Not Detected
Ethyl Benzene	100	Not Detected	450	Not Detected
m,p-Xylene	100	Not Detected	450	Not Detected
o-Xylene	100	Not Detected	450	Not Detected
Styrene	100	Not Detected	440	Not Detected
1,1,2,2-Tetrachloroethane	100	Not Detected	710	Not Detected
1,3,5-Trimethylbenzene	100	Not Detected	510	Not Detected
1,2,4-Trimethylbenzene	100	Not Detected	510	Not Detected
1,3-Dichlorobenzene	100	Not Detected	620	Not Detected
1,4-Dichlorobenzene	100	Not Detected	620	Not Detected
alpha-Chlorotoluene	100	Not Detected	530	Not Detected
1,2-Dichlorobenzene	100	Not Detected	620	Not Detected
1,3-Butadiene	100	Not Detected	230	Not Detected
Hexane	100	Not Detected	360	Not Detected
Cyclohexane	100	Not Detected	360	Not Detected
Bromodichloromethane	100	Not Detected	690	Not Detected
Dibromochloromethane	100	Not Detected	880	Not Detected
Heptane	100	Not Detected	420	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-02-041204

ID#: 0404273-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042016**	**Date of Collection: 4/12/04**	
Dil. Factor:	**203**	**Date of Analysis: 4/20/04 06:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	100	Not Detected	510	Not Detected
Propylbenzene	100	Not Detected	510	Not Detected
Chloromethane	410	Not Detected	850	Not Detected
1,2,4-Trichlorobenzene	410	Not Detected	3100	Not Detected
Hexachlorobutadiene	410	Not Detected	4400	Not Detected
Acetone	410	Not Detected	980	Not Detected
Carbon Disulfide	100	Not Detected	320	Not Detected
2-Propanol	410	Not Detected	1000	Not Detected
trans-1,2-Dichloroethene	100	160	410	640
Vinyl Acetate	410	Not Detected	1400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	100	Not Detected	300	Not Detected
Tetrahydrofuran	100	Not Detected	300	Not Detected
1,4-Dioxane	410	Not Detected	1500	Not Detected
4-Methyl-2-pentanone	100	Not Detected	420	Not Detected
2-Hexanone	410	Not Detected	1700	Not Detected
Bromoform	100	Not Detected	1100	Not Detected
4-Ethyltoluene	100	Not Detected	510	Not Detected
Ethanol	410	Not Detected	780	Not Detected
Methyl tert-butyl ether	100	Not Detected	370	Not Detected
2,2,4-Trimethylpentane	100	Not Detected	480	Not Detected
3-Chloropropene	410	Not Detected	1300	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-02-041204 Duplicate

ID#: 0404273-05AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042012**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**304**	**Date of Analysis:**	**4/20/04 03:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	150	Not Detected	760	Not Detected
Freon 114	150	Not Detected	1100	Not Detected
Vinyl Chloride	150	Not Detected	390	Not Detected
Bromomethane	150	Not Detected	600	Not Detected
Chloroethane	150	Not Detected	410	Not Detected
Freon 11	150	10000	870	59000
1,1-Dichloroethene	150	17000	610	68000
Freon 113	150	24000	1200	190000
Methylene Chloride	150	Not Detected	540	Not Detected
1,1-Dichloroethane	150	Not Detected	620	Not Detected
cis-1,2-Dichloroethene	150	Not Detected	610	Not Detected
Chloroform	150	Not Detected	750	Not Detected
1,1,1-Trichloroethane	150	Not Detected	840	Not Detected
Carbon Tetrachloride	150	Not Detected	970	Not Detected
Benzene	150	Not Detected	490	Not Detected
1,2-Dichloroethane	150	Not Detected	620	Not Detected
Trichloroethene	150	3600	830	20000
1,2-Dichloropropane	150	Not Detected	710	Not Detected
cis-1,3-Dichloropropene	150	Not Detected	700	Not Detected
Toluene	150	Not Detected	580	Not Detected
trans-1,3-Dichloropropene	150	Not Detected	700	Not Detected
1,1,2-Trichloroethane	150	Not Detected	840	Not Detected
Tetrachloroethene	150	13000	1000	92000
1,2-Dibromoethane (EDB)	150	Not Detected	1200	Not Detected
Chlorobenzene	150	Not Detected	710	Not Detected
Ethyl Benzene	150	Not Detected	670	Not Detected
m,p-Xylene	150	Not Detected	670	Not Detected
o-Xylene	150	Not Detected	670	Not Detected
Styrene	150	Not Detected	660	Not Detected
1,1,2,2-Tetrachloroethane	150	Not Detected	1100	Not Detected
1,3,5-Trimethylbenzene	150	Not Detected	760	Not Detected
1,2,4-Trimethylbenzene	150	Not Detected	760	Not Detected
1,3-Dichlorobenzene	150	Not Detected	930	Not Detected
1,4-Dichlorobenzene	150	Not Detected	930	Not Detected
alpha-Chlorotoluene	150	Not Detected	800	Not Detected
1,2-Dichlorobenzene	150	Not Detected	930	Not Detected
1,3-Butadiene	150	Not Detected	340	Not Detected
Hexane	150	Not Detected	540	Not Detected
Cyclohexane	150	Not Detected	530	Not Detected
Bromodichloromethane	150	Not Detected	1000	Not Detected
Dibromochloromethane	150	Not Detected	1300	Not Detected
Heptane	150	Not Detected	630	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-02-041204 Duplicate

ID#: 0404273-05AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042012**	**Date of Collection: 4/12/04**	
Dil. Factor:	**304**	**Date of Analysis: 4/20/04 03:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	150	Not Detected	760	Not Detected
Propylbenzene	150	Not Detected	760	Not Detected
Chloromethane	610	Not Detected	1300	Not Detected
1,2,4-Trichlorobenzene	610	Not Detected	4600	Not Detected
Hexachlorobutadiene	610	Not Detected	6600	Not Detected
Acetone	610	Not Detected	1500	Not Detected
Carbon Disulfide	150	Not Detected	480	Not Detected
2-Propanol	610	Not Detected	1500	Not Detected
trans-1,2-Dichloroethene	150	180	610	720
Vinyl Acetate	610	Not Detected	2200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	150	Not Detected	460	Not Detected
Tetrahydrofuran	150	Not Detected	460	Not Detected
1,4-Dioxane	610	Not Detected	2200	Not Detected
4-Methyl-2-pentanone	150	Not Detected	630	Not Detected
2-Hexanone	610	Not Detected	2500	Not Detected
Bromoform	150	Not Detected	1600	Not Detected
4-Ethyltoluene	150	Not Detected	760	Not Detected
Ethanol	610	Not Detected	1200	Not Detected
Methyl tert-butyl ether	150	Not Detected	560	Not Detected
2,2,4-Trimethylpentane	150	Not Detected	720	Not Detected
3-Chloropropene	610	Not Detected	1900	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-03-041204

ID#: 0404273-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042013**	**Date of Collection: 4/12/04**	
Dil. Factor:	**3220**	**Date of Analysis: 4/20/04 04:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1600	Not Detected	8100	Not Detected
Freon 114	1600	Not Detected	11000	Not Detected
Vinyl Chloride	1600	Not Detected	4200	Not Detected
Bromomethane	1600	Not Detected	6400	Not Detected
Chloroethane	1600	Not Detected	4300	Not Detected
Freon 11	1600	180000	9200	1000000
1,1-Dichloroethene	1600	270000	6500	1100000
Freon 113	1600	440000	12000	3400000
Methylene Chloride	1600	Not Detected	5700	Not Detected
1,1-Dichloroethane	1600	Not Detected	6600	Not Detected
cis-1,2-Dichloroethene	1600	Not Detected	6500	Not Detected
Chloroform	1600	Not Detected	8000	Not Detected
1,1,1-Trichloroethane	1600	Not Detected	8900	Not Detected
Carbon Tetrachloride	1600	Not Detected	10000	Not Detected
Benzene	1600	Not Detected	5200	Not Detected
1,2-Dichloroethane	1600	Not Detected	6600	Not Detected
Trichloroethene	1600	88000	8800	480000
1,2-Dichloropropane	1600	Not Detected	7600	Not Detected
cis-1,3-Dichloropropene	1600	Not Detected	7400	Not Detected
Toluene	1600	Not Detected	6200	Not Detected
trans-1,3-Dichloropropene	1600	Not Detected	7400	Not Detected
1,1,2-Trichloroethane	1600	Not Detected	8900	Not Detected
Tetrachloroethene	1600	180000	11000	1300000
1,2-Dibromoethane (EDB)	1600	Not Detected	12000	Not Detected
Chlorobenzene	1600	Not Detected	7500	Not Detected
Ethyl Benzene	1600	Not Detected	7100	Not Detected
m,p-Xylene	1600	Not Detected	7100	Not Detected
o-Xylene	1600	Not Detected	7100	Not Detected
Styrene	1600	Not Detected	7000	Not Detected
1,1,2,2-Tetrachloroethane	1600	Not Detected	11000	Not Detected
1,3,5-Trimethylbenzene	1600	Not Detected	8000	Not Detected
1,2,4-Trimethylbenzene	1600	Not Detected	8000	Not Detected
1,3-Dichlorobenzene	1600	Not Detected	9800	Not Detected
1,4-Dichlorobenzene	1600	Not Detected	9800	Not Detected
alpha-Chlorotoluene	1600	Not Detected	8500	Not Detected
1,2-Dichlorobenzene	1600	Not Detected	9800	Not Detected
1,3-Butadiene	1600	Not Detected	3600	Not Detected
Hexane	1600	Not Detected	5800	Not Detected
Cyclohexane	1600	Not Detected	5600	Not Detected
Bromodichloromethane	1600	Not Detected	11000	Not Detected
Dibromochloromethane	1600	Not Detected	14000	Not Detected
Heptane	1600	Not Detected	6700	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-03-041204

ID#: 0404273-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042013**	**Date of Collection: 4/12/04**	
Dil. Factor:	**3220**	**Date of Analysis: 4/20/04 04:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1600	Not Detected	8000	Not Detected
Propylbenzene	1600	Not Detected	8000	Not Detected
Chloromethane	6400	Not Detected	14000	Not Detected
1,2,4-Trichlorobenzene	6400	Not Detected	48000	Not Detected
Hexachlorobutadiene	6400	Not Detected	70000	Not Detected
Acetone	6400	Not Detected	16000	Not Detected
Carbon Disulfide	1600	Not Detected	5100	Not Detected
2-Propanol	6400	Not Detected	16000	Not Detected
trans-1,2-Dichloroethene	1600	Not Detected	6500	Not Detected
Vinyl Acetate	6400	Not Detected	23000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1600	Not Detected	4800	Not Detected
Tetrahydrofuran	1600	Not Detected	4800	Not Detected
1,4-Dioxane	6400	Not Detected	24000	Not Detected
4-Methyl-2-pentanone	1600	Not Detected	6700	Not Detected
2-Hexanone	6400	Not Detected	27000	Not Detected
Bromoform	1600	Not Detected	17000	Not Detected
4-Ethyltoluene	1600	Not Detected	8000	Not Detected
Ethanol	6400	Not Detected	12000	Not Detected
Methyl tert-butyl ether	1600	Not Detected	5900	Not Detected
2,2,4-Trimethylpentane	1600	Not Detected	7600	Not Detected
3-Chloropropene	6400	Not Detected	20000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	43%	15000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-03-041204

ID#: 0404273-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042014**	**Date of Collection: 4/12/04**	
Dil. Factor:	**2780**	**Date of Analysis: 4/20/04 05:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1400	Not Detected	7000	Not Detected
Freon 114	1400	Not Detected	9900	Not Detected
Vinyl Chloride	1400	Not Detected	3600	Not Detected
Bromomethane	1400	Not Detected	5500	Not Detected
Chloroethane	1400	Not Detected	3700	Not Detected
Freon 11	1400	160000	7900	900000
1,1-Dichloroethene	1400	230000	5600	920000
Freon 113	1400	380000	11000	3000000
Methylene Chloride	1400	Not Detected	4900	Not Detected
1,1-Dichloroethane	1400	Not Detected	5700	Not Detected
cis-1,2-Dichloroethene	1400	Not Detected	5600	Not Detected
Chloroform	1400	Not Detected	6900	Not Detected
1,1,1-Trichloroethane	1400	Not Detected	7700	Not Detected
Carbon Tetrachloride	1400	Not Detected	8900	Not Detected
Benzene	1400	Not Detected	4500	Not Detected
1,2-Dichloroethane	1400	Not Detected	5700	Not Detected
Trichloroethene	1400	78000	7600	430000
1,2-Dichloropropane	1400	Not Detected	6500	Not Detected
cis-1,3-Dichloropropene	1400	Not Detected	6400	Not Detected
Toluene	1400	Not Detected	5300	Not Detected
trans-1,3-Dichloropropene	1400	Not Detected	6400	Not Detected
1,1,2-Trichloroethane	1400	Not Detected	7700	Not Detected
Tetrachloroethene	1400	180000	9600	1200000
1,2-Dibromoethane (EDB)	1400	Not Detected	11000	Not Detected
Chlorobenzene	1400	Not Detected	6500	Not Detected
Ethyl Benzene	1400	Not Detected	6100	Not Detected
m,p-Xylene	1400	Not Detected	6100	Not Detected
o-Xylene	1400	Not Detected	6100	Not Detected
Styrene	1400	Not Detected	6000	Not Detected
1,1,2,2-Tetrachloroethane	1400	Not Detected	9700	Not Detected
1,3,5-Trimethylbenzene	1400	Not Detected	6900	Not Detected
1,2,4-Trimethylbenzene	1400	Not Detected	6900	Not Detected
1,3-Dichlorobenzene	1400	Not Detected	8500	Not Detected
1,4-Dichlorobenzene	1400	Not Detected	8500	Not Detected
alpha-Chlorotoluene	1400	Not Detected	7300	Not Detected
1,2-Dichlorobenzene	1400	Not Detected	8500	Not Detected
1,3-Butadiene	1400	Not Detected	3100	Not Detected
Hexane	1400	Not Detected	5000	Not Detected
Cyclohexane	1400	Not Detected	4900	Not Detected
Bromodichloromethane	1400	Not Detected	9500	Not Detected
Dibromochloromethane	1400	Not Detected	12000	Not Detected
Heptane	1400	Not Detected	5800	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-03-041204

ID#: 0404273-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042014**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**2780**	**Date of Analysis:**	**4/20/04 05:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1400	Not Detected	6900	Not Detected
Propylbenzene	1400	Not Detected	6900	Not Detected
Chloromethane	5600	Not Detected	12000	Not Detected
1,2,4-Trichlorobenzene	5600	Not Detected	42000	Not Detected
Hexachlorobutadiene	5600	Not Detected	60000	Not Detected
Acetone	5600	Not Detected	13000	Not Detected
Carbon Disulfide	1400	Not Detected	4400	Not Detected
2-Propanol	5600	Not Detected	14000	Not Detected
trans-1,2-Dichloroethene	1400	Not Detected	5600	Not Detected
Vinyl Acetate	5600	Not Detected	20000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1400	Not Detected	4200	Not Detected
Tetrahydrofuran	1400	Not Detected	4200	Not Detected
1,4-Dioxane	5600	Not Detected	20000	Not Detected
4-Methyl-2-pentanone	1400	Not Detected	5800	Not Detected
2-Hexanone	5600	Not Detected	23000	Not Detected
Bromoform	1400	Not Detected	15000	Not Detected
4-Ethyltoluene	1400	Not Detected	6900	Not Detected
Ethanol	5600	Not Detected	11000	Not Detected
Methyl tert-butyl ether	1400	Not Detected	5100	Not Detected
2,2,4-Trimethylpentane	1400	Not Detected	6600	Not Detected
3-Chloropropene	5600	Not Detected	18000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	68%	13000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-06-041204

ID#: 0404273-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042017**	**Date of Collection: 4/12/04**	
Dil. Factor:	**1410**	**Date of Analysis: 4/20/04 07:31 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	700	Not Detected	3500	Not Detected
Freon 114	700	Not Detected	5000	Not Detected
Vinyl Chloride	700	Not Detected	1800	Not Detected
Bromomethane	700	Not Detected	2800	Not Detected
Chloroethane	700	Not Detected	1900	Not Detected
Freon 11	700	73000	4000	420000
1,1-Dichloroethene	700	140000	2800	580000
Freon 113	700	160000	5500	1200000
Methylene Chloride	700	Not Detected	2500	Not Detected
1,1-Dichloroethane	700	730	2900	3000
cis-1,2-Dichloroethene	700	Not Detected	2800	Not Detected
Chloroform	700	1100	3500	5500
1,1,1-Trichloroethane	700	1500	3900	8200
Carbon Tetrachloride	700	Not Detected	4500	Not Detected
Benzene	700	Not Detected	2300	Not Detected
1,2-Dichloroethane	700	Not Detected	2900	Not Detected
Trichloroethene	700	34000	3800	190000
1,2-Dichloropropane	700	Not Detected	3300	Not Detected
cis-1,3-Dichloropropene	700	Not Detected	3200	Not Detected
Toluene	700	Not Detected	2700	Not Detected
trans-1,3-Dichloropropene	700	Not Detected	3200	Not Detected
1,1,2-Trichloroethane	700	Not Detected	3900	Not Detected
Tetrachloroethene	700	200000	4900	1400000
1,2-Dibromoethane (EDB)	700	Not Detected	5500	Not Detected
Chlorobenzene	700	Not Detected	3300	Not Detected
Ethyl Benzene	700	Not Detected	3100	Not Detected
m,p-Xylene	700	Not Detected	3100	Not Detected
o-Xylene	700	Not Detected	3100	Not Detected
Styrene	700	Not Detected	3000	Not Detected
1,1,2,2-Tetrachloroethane	700	Not Detected	4900	Not Detected
1,3,5-Trimethylbenzene	700	Not Detected	3500	Not Detected
1,2,4-Trimethylbenzene	700	Not Detected	3500	Not Detected
1,3-Dichlorobenzene	700	Not Detected	4300	Not Detected
1,4-Dichlorobenzene	700	Not Detected	4300	Not Detected
alpha-Chlorotoluene	700	Not Detected	3700	Not Detected
1,2-Dichlorobenzene	700	Not Detected	4300	Not Detected
1,3-Butadiene	700	Not Detected	1600	Not Detected
Hexane	700	Not Detected	2500	Not Detected
Cyclohexane	700	Not Detected	2500	Not Detected
Bromodichloromethane	700	Not Detected	4800	Not Detected
Dibromochloromethane	700	Not Detected	6100	Not Detected
Heptane	700	Not Detected	2900	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-06-041204

ID#: 0404273-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042017**	**Date of Collection: 4/12/04**	
Dil. Factor:	**1410**	**Date of Analysis: 4/20/04 07:31 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	700	Not Detected	3500	Not Detected
Propylbenzene	700	Not Detected	3500	Not Detected
Chloromethane	2800	Not Detected	5900	Not Detected
1,2,4-Trichlorobenzene	2800	Not Detected	21000	Not Detected
Hexachlorobutadiene	2800	Not Detected	30000	Not Detected
Acetone	2800	Not Detected	6800	Not Detected
Carbon Disulfide	700	Not Detected	2200	Not Detected
2-Propanol	2800	Not Detected	7000	Not Detected
trans-1,2-Dichloroethene	700	2600	2800	10000
Vinyl Acetate	2800	Not Detected	10000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	700	Not Detected	2100	Not Detected
Tetrahydrofuran	700	Not Detected	2100	Not Detected
1,4-Dioxane	2800	Not Detected	10000	Not Detected
4-Methyl-2-pentanone	700	Not Detected	2900	Not Detected
2-Hexanone	2800	Not Detected	12000	Not Detected
Bromoform	700	Not Detected	7400	Not Detected
4-Ethyltoluene	700	Not Detected	3500	Not Detected
Ethanol	2800	Not Detected	5400	Not Detected
Methyl tert-butyl ether	700	Not Detected	2600	Not Detected
2,2,4-Trimethylpentane	700	Not Detected	3300	Not Detected
3-Chloropropene	2800	Not Detected	9000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-506-06-041204

ID#: 0404273-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042117**	**Date of Collection: 4/12/04**	
Dil. Factor:	**1610**	**Date of Analysis: 4/21/04 06:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	800	Not Detected	4000	Not Detected
Freon 114	800	Not Detected	5700	Not Detected
Vinyl Chloride	800	Not Detected	2100	Not Detected
Bromomethane	800	Not Detected	3200	Not Detected
Chloroethane	800	Not Detected	2200	Not Detected
Freon 11	800	90000	4600	510000
1,1-Dichloroethene	800	180000	3200	720000
Freon 113	800	200000	6300	1500000
Methylene Chloride	800	Not Detected	2800	Not Detected
1,1-Dichloroethane	800	860	3300	3500
cis-1,2-Dichloroethene	800	Not Detected	3200	Not Detected
Chloroform	800	1300	4000	6600
1,1,1-Trichloroethane	800	1800	4500	10000
Carbon Tetrachloride	800	Not Detected	5100	Not Detected
Benzene	800	Not Detected	2600	Not Detected
1,2-Dichloroethane	800	Not Detected	3300	Not Detected
Trichloroethene	800	42000	4400	230000
1,2-Dichloropropane	800	Not Detected	3800	Not Detected
cis-1,3-Dichloropropene	800	Not Detected	3700	Not Detected
Toluene	800	Not Detected	3100	Not Detected
trans-1,3-Dichloropropene	800	Not Detected	3700	Not Detected
1,1,2-Trichloroethane	800	Not Detected	4500	Not Detected
Tetrachloroethene	800	230000	5600	1600000
1,2-Dibromoethane (EDB)	800	Not Detected	6300	Not Detected
Chlorobenzene	800	Not Detected	3800	Not Detected
Ethyl Benzene	800	Not Detected	3600	Not Detected
m,p-Xylene	800	Not Detected	3600	Not Detected
o-Xylene	800	Not Detected	3600	Not Detected
Styrene	800	Not Detected	3500	Not Detected
1,1,2,2-Tetrachloroethane	800	Not Detected	5600	Not Detected
1,3,5-Trimethylbenzene	800	Not Detected	4000	Not Detected
1,2,4-Trimethylbenzene	800	Not Detected	4000	Not Detected
1,3-Dichlorobenzene	800	Not Detected	4900	Not Detected
1,4-Dichlorobenzene	800	Not Detected	4900	Not Detected
alpha-Chlorotoluene	800	Not Detected	4200	Not Detected
1,2-Dichlorobenzene	800	Not Detected	4900	Not Detected
1,3-Butadiene	800	Not Detected	1800	Not Detected
Hexane	800	Not Detected	2900	Not Detected
Cyclohexane	800	Not Detected	2800	Not Detected
Bromodichloromethane	800	Not Detected	5500	Not Detected
Dibromochloromethane	800	Not Detected	7000	Not Detected
Heptane	800	Not Detected	3400	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-506-06-041204

ID#: 0404273-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042117**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**1610**	**Date of Analysis:**	**4/21/04 06:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	800	Not Detected	4000	Not Detected
Propylbenzene	800	Not Detected	4000	Not Detected
Chloromethane	3200	Not Detected	6800	Not Detected
1,2,4-Trichlorobenzene	3200	Not Detected	24000	Not Detected
Hexachlorobutadiene	3200	Not Detected	35000	Not Detected
Acetone	3200	Not Detected	7800	Not Detected
Carbon Disulfide	800	Not Detected	2500	Not Detected
2-Propanol	3200	Not Detected	8000	Not Detected
trans-1,2-Dichloroethene	800	3000	3200	12000
Vinyl Acetate	3200	Not Detected	12000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	800	Not Detected	2400	Not Detected
Tetrahydrofuran	800	Not Detected	2400	Not Detected
1,4-Dioxane	3200	Not Detected	12000	Not Detected
4-Methyl-2-pentanone	800	Not Detected	3400	Not Detected
2-Hexanone	3200	Not Detected	13000	Not Detected
Bromoform	800	Not Detected	8400	Not Detected
4-Ethyltoluene	800	Not Detected	4000	Not Detected
Ethanol	3200	Not Detected	6200	Not Detected
Methyl tert-butyl ether	800	Not Detected	2900	Not Detected
2,2,4-Trimethylpentane	800	Not Detected	3800	Not Detected
3-Chloropropene	3200	Not Detected	10000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-06-041204

ID#: 0404273-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042109**	**Date of Collection: 4/12/04**	
Dil. Factor:	**3100**	**Date of Analysis: 4/21/04 01:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1600	Not Detected	7800	Not Detected
Freon 114	1600	Not Detected	11000	Not Detected
Vinyl Chloride	1600	Not Detected	4000	Not Detected
Bromomethane	1600	Not Detected	6100	Not Detected
Chloroethane	1600	Not Detected	4200	Not Detected
Freon 11	1600	110000	8800	650000
1,1-Dichloroethene	1600	230000	6200	910000
Freon 113	1600	260000	12000	2000000
Methylene Chloride	1600	Not Detected	5500	Not Detected
1,1-Dichloroethane	1600	Not Detected	6400	Not Detected
cis-1,2-Dichloroethene	1600	Not Detected	6200	Not Detected
Chloroform	1600	1700	7700	8600
1,1,1-Trichloroethane	1600	2200	8600	12000
Carbon Tetrachloride	1600	Not Detected	9900	Not Detected
Benzene	1600	Not Detected	5000	Not Detected
1,2-Dichloroethane	1600	Not Detected	6400	Not Detected
Trichloroethene	1600	54000	8500	300000
1,2-Dichloropropane	1600	Not Detected	7300	Not Detected
cis-1,3-Dichloropropene	1600	Not Detected	7200	Not Detected
Toluene	1600	Not Detected	5900	Not Detected
trans-1,3-Dichloropropene	1600	Not Detected	7200	Not Detected
1,1,2-Trichloroethane	1600	Not Detected	8600	Not Detected
Tetrachloroethene	1600	340000	11000	2400000
1,2-Dibromoethane (EDB)	1600	Not Detected	12000	Not Detected
Chlorobenzene	1600	Not Detected	7200	Not Detected
Ethyl Benzene	1600	Not Detected	6800	Not Detected
m,p-Xylene	1600	Not Detected	6800	Not Detected
o-Xylene	1600	Not Detected	6800	Not Detected
Styrene	1600	Not Detected	6700	Not Detected
1,1,2,2-Tetrachloroethane	1600	Not Detected	11000	Not Detected
1,3,5-Trimethylbenzene	1600	Not Detected	7700	Not Detected
1,2,4-Trimethylbenzene	1600	Not Detected	7700	Not Detected
1,3-Dichlorobenzene	1600	Not Detected	9500	Not Detected
1,4-Dichlorobenzene	1600	Not Detected	9500	Not Detected
alpha-Chlorotoluene	1600	Not Detected	8200	Not Detected
1,2-Dichlorobenzene	1600	Not Detected	9500	Not Detected
1,3-Butadiene	1600	Not Detected	3500	Not Detected
Hexane	1600	Not Detected	5600	Not Detected
Cyclohexane	1600	Not Detected	5400	Not Detected
Bromodichloromethane	1600	Not Detected	10000	Not Detected
Dibromochloromethane	1600	Not Detected	13000	Not Detected
Heptane	1600	Not Detected	6400	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-06-041204

ID#: 0404273-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042109**	**Date of Collection: 4/12/04**	
Dil. Factor:	**3100**	**Date of Analysis: 4/21/04 01:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1600	Not Detected	7700	Not Detected
Propylbenzene	1600	Not Detected	7700	Not Detected
Chloromethane	6200	Not Detected	13000	Not Detected
1,2,4-Trichlorobenzene	6200	Not Detected	47000	Not Detected
Hexachlorobutadiene	6200	Not Detected	67000	Not Detected
Acetone	6200	Not Detected	15000	Not Detected
Carbon Disulfide	1600	Not Detected	4900	Not Detected
2-Propanol	6200	Not Detected	15000	Not Detected
trans-1,2-Dichloroethene	1600	4300	6200	17000
Vinyl Acetate	6200	Not Detected	22000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1600	Not Detected	4600	Not Detected
Tetrahydrofuran	1600	Not Detected	4600	Not Detected
1,4-Dioxane	6200	Not Detected	23000	Not Detected
4-Methyl-2-pentanone	1600	Not Detected	6400	Not Detected
2-Hexanone	6200	Not Detected	26000	Not Detected
Bromoform	1600	Not Detected	16000	Not Detected
4-Ethyltoluene	1600	Not Detected	7700	Not Detected
Ethanol	6200	Not Detected	12000	Not Detected
Methyl tert-butyl ether	1600	Not Detected	5700	Not Detected
2,2,4-Trimethylpentane	1600	Not Detected	7400	Not Detected
3-Chloropropene	6200	Not Detected	20000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-05-041204

ID#: 0404273-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042110**	**Date of Collection: 4/12/04**	
Dil. Factor:	**2820**	**Date of Analysis: 4/21/04 01:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1400	Not Detected	7100	Not Detected
Freon 114	1400	Not Detected	10000	Not Detected
Vinyl Chloride	1400	Not Detected	3700	Not Detected
Bromomethane	1400	Not Detected	5600	Not Detected
Chloroethane	1400	Not Detected	3800	Not Detected
Freon 11	1400	130000	8000	730000
1,1-Dichloroethene	1400	240000	5700	980000
Freon 113	1400	240000	11000	1800000
Methylene Chloride	1400	Not Detected	5000	Not Detected
1,1-Dichloroethane	1400	Not Detected	5800	Not Detected
cis-1,2-Dichloroethene	1400	Not Detected	5700	Not Detected
Chloroform	1400	Not Detected	7000	Not Detected
1,1,1-Trichloroethane	1400	Not Detected	7800	Not Detected
Carbon Tetrachloride	1400	Not Detected	9000	Not Detected
Benzene	1400	Not Detected	4600	Not Detected
1,2-Dichloroethane	1400	Not Detected	5800	Not Detected
Trichloroethene	1400	80000	7700	440000
1,2-Dichloropropane	1400	Not Detected	6600	Not Detected
cis-1,3-Dichloropropene	1400	Not Detected	6500	Not Detected
Toluene	1400	Not Detected	5400	Not Detected
trans-1,3-Dichloropropene	1400	Not Detected	6500	Not Detected
1,1,2-Trichloroethane	1400	Not Detected	7800	Not Detected
Tetrachloroethene	1400	230000	9700	1600000
1,2-Dibromoethane (EDB)	1400	Not Detected	11000	Not Detected
Chlorobenzene	1400	Not Detected	6600	Not Detected
Ethyl Benzene	1400	Not Detected	6200	Not Detected
m,p-Xylene	1400	Not Detected	6200	Not Detected
o-Xylene	1400	Not Detected	6200	Not Detected
Styrene	1400	Not Detected	6100	Not Detected
1,1,2,2-Tetrachloroethane	1400	Not Detected	9800	Not Detected
1,3,5-Trimethylbenzene	1400	Not Detected	7000	Not Detected
1,2,4-Trimethylbenzene	1400	Not Detected	7000	Not Detected
1,3-Dichlorobenzene	1400	Not Detected	8600	Not Detected
1,4-Dichlorobenzene	1400	Not Detected	8600	Not Detected
alpha-Chlorotoluene	1400	Not Detected	7400	Not Detected
1,2-Dichlorobenzene	1400	Not Detected	8600	Not Detected
1,3-Butadiene	1400	Not Detected	3200	Not Detected
Hexane	1400	Not Detected	5000	Not Detected
Cyclohexane	1400	Not Detected	4900	Not Detected
Bromodichloromethane	1400	Not Detected	9600	Not Detected
Dibromochloromethane	1400	Not Detected	12000	Not Detected
Heptane	1400	Not Detected	5900	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-05-041204

ID#: 0404273-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042110**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**2820**	**Date of Analysis:**	**4/21/04 01:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1400	Not Detected	7000	Not Detected
Propylbenzene	1400	Not Detected	7000	Not Detected
Chloromethane	5600	Not Detected	12000	Not Detected
1,2,4-Trichlorobenzene	5600	Not Detected	42000	Not Detected
Hexachlorobutadiene	5600	Not Detected	61000	Not Detected
Acetone	5600	Not Detected	14000	Not Detected
Carbon Disulfide	1400	Not Detected	4500	Not Detected
2-Propanol	5600	Not Detected	14000	Not Detected
trans-1,2-Dichloroethene	1400	1800	5700	7300
Vinyl Acetate	5600	Not Detected	20000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1400	Not Detected	4200	Not Detected
Tetrahydrofuran	1400	Not Detected	4200	Not Detected
1,4-Dioxane	5600	Not Detected	21000	Not Detected
4-Methyl-2-pentanone	1400	Not Detected	5900	Not Detected
2-Hexanone	5600	Not Detected	23000	Not Detected
Bromoform	1400	Not Detected	15000	Not Detected
4-Ethyltoluene	1400	Not Detected	7000	Not Detected
Ethanol	5600	Not Detected	11000	Not Detected
Methyl tert-butyl ether	1400	Not Detected	5200	Not Detected
2,2,4-Trimethylpentane	1400	Not Detected	6700	Not Detected
3-Chloropropene	5600	Not Detected	18000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	91%	13000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-05-041204

ID#: 0404273-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042118**	**Date of Collection: 4/12/04**	
Dil. Factor:	**358**	**Date of Analysis: 4/21/04 07:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	180	Not Detected	900	Not Detected
Freon 114	180	Not Detected	1300	Not Detected
Vinyl Chloride	180	Not Detected	460	Not Detected
Bromomethane	180	Not Detected	710	Not Detected
Chloroethane	180	Not Detected	480	Not Detected
Freon 11	180	17000	1000	96000
1,1-Dichloroethene	180	31000	720	120000
Freon 113	180	31000	1400	240000
Methylene Chloride	180	Not Detected	630	Not Detected
1,1-Dichloroethane	180	Not Detected	740	Not Detected
cis-1,2-Dichloroethene	180	Not Detected	720	Not Detected
Chloroform	180	Not Detected	890	Not Detected
1,1,1-Trichloroethane	180	Not Detected	990	Not Detected
Carbon Tetrachloride	180	Not Detected	1100	Not Detected
Benzene	180	Not Detected	580	Not Detected
1,2-Dichloroethane	180	Not Detected	740	Not Detected
Trichloroethene	180	10000	980	57000
1,2-Dichloropropane	180	Not Detected	840	Not Detected
cis-1,3-Dichloropropene	180	Not Detected	820	Not Detected
Toluene	180	Not Detected	680	Not Detected
trans-1,3-Dichloropropene	180	Not Detected	820	Not Detected
1,1,2-Trichloroethane	180	Not Detected	990	Not Detected
Tetrachloroethene	180	36000	1200	250000
1,2-Dibromoethane (EDB)	180	Not Detected	1400	Not Detected
Chlorobenzene	180	Not Detected	840	Not Detected
Ethyl Benzene	180	Not Detected	790	Not Detected
m,p-Xylene	180	Not Detected	790	Not Detected
o-Xylene	180	Not Detected	790	Not Detected
Styrene	180	Not Detected	770	Not Detected
1,1,2,2-Tetrachloroethane	180	Not Detected	1200	Not Detected
1,3,5-Trimethylbenzene	180	Not Detected	890	Not Detected
1,2,4-Trimethylbenzene	180	Not Detected	890	Not Detected
1,3-Dichlorobenzene	180	Not Detected	1100	Not Detected
1,4-Dichlorobenzene	180	Not Detected	1100	Not Detected
alpha-Chlorotoluene	180	Not Detected	940	Not Detected
1,2-Dichlorobenzene	180	Not Detected	1100	Not Detected
1,3-Butadiene	180	Not Detected	400	Not Detected
Hexane	180	Not Detected	640	Not Detected
Cyclohexane	180	Not Detected	630	Not Detected
Bromodichloromethane	180	Not Detected	1200	Not Detected
Dibromochloromethane	180	Not Detected	1500	Not Detected
Heptane	180	Not Detected	740	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-05-041204

ID#: 0404273-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042118**	**Date of Collection: 4/12/04**	
Dil. Factor:	**358**	**Date of Analysis: 4/21/04 07:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	180	Not Detected	890	Not Detected
Propylbenzene	180	Not Detected	890	Not Detected
Chloromethane	720	Not Detected	1500	Not Detected
1,2,4-Trichlorobenzene	720	Not Detected	5400	Not Detected
Hexachlorobutadiene	720	Not Detected	7800	Not Detected
Acetone	720	Not Detected	1700	Not Detected
Carbon Disulfide	180	Not Detected	570	Not Detected
2-Propanol	720	Not Detected	1800	Not Detected
trans-1,2-Dichloroethene	180	240	720	980
Vinyl Acetate	720	Not Detected	2600	Not Detected
2-Butanone (Methyl Ethyl Ketone)	180	Not Detected	540	Not Detected
Tetrahydrofuran	180	Not Detected	540	Not Detected
1,4-Dioxane	720	Not Detected	2600	Not Detected
4-Methyl-2-pentanone	180	Not Detected	740	Not Detected
2-Hexanone	720	Not Detected	3000	Not Detected
Bromoform	180	Not Detected	1900	Not Detected
4-Ethyltoluene	180	Not Detected	890	Not Detected
Ethanol	720	Not Detected	1400	Not Detected
Methyl tert-butyl ether	180	Not Detected	660	Not Detected
2,2,4-Trimethylpentane	180	Not Detected	850	Not Detected
3-Chloropropene	720	Not Detected	2300	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	76%	1500

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-04-041204

ID#: 0404273-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042112**	**Date of Collection: 4/12/04**	
Dil. Factor:	**298**	**Date of Analysis: 4/21/04 03:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	150	Not Detected	750	Not Detected
Freon 114	150	Not Detected	1000	Not Detected
Vinyl Chloride	150	Not Detected	390	Not Detected
Bromomethane	150	Not Detected	590	Not Detected
Chloroethane	150	Not Detected	400	Not Detected
Freon 11	150	15000	850	85000
1,1-Dichloroethene	150	35000	600	140000
Freon 113	150	20000	1200	160000
Methylene Chloride	150	Not Detected	530	Not Detected
1,1-Dichloroethane	150	Not Detected	610	Not Detected
cis-1,2-Dichloroethene	150	Not Detected	600	Not Detected
Chloroform	150	Not Detected	740	Not Detected
1,1,1-Trichloroethane	150	Not Detected	830	Not Detected
Carbon Tetrachloride	150	Not Detected	950	Not Detected
Benzene	150	Not Detected	480	Not Detected
1,2-Dichloroethane	150	Not Detected	610	Not Detected
Trichloroethene	150	30000	810	160000
1,2-Dichloropropane	150	Not Detected	700	Not Detected
cis-1,3-Dichloropropene	150	Not Detected	690	Not Detected
Toluene	150	Not Detected	570	Not Detected
trans-1,3-Dichloropropene	150	Not Detected	690	Not Detected
1,1,2-Trichloroethane	150	Not Detected	830	Not Detected
Tetrachloroethene	150	42000	1000	290000
1,2-Dibromoethane (EDB)	150	Not Detected	1200	Not Detected
Chlorobenzene	150	Not Detected	700	Not Detected
Ethyl Benzene	150	Not Detected	660	Not Detected
m,p-Xylene	150	Not Detected	660	Not Detected
o-Xylene	150	Not Detected	660	Not Detected
Styrene	150	Not Detected	640	Not Detected
1,1,2,2-Tetrachloroethane	150	Not Detected	1000	Not Detected
1,3,5-Trimethylbenzene	150	Not Detected	740	Not Detected
1,2,4-Trimethylbenzene	150	Not Detected	740	Not Detected
1,3-Dichlorobenzene	150	Not Detected	910	Not Detected
1,4-Dichlorobenzene	150	Not Detected	910	Not Detected
alpha-Chlorotoluene	150	Not Detected	780	Not Detected
1,2-Dichlorobenzene	150	Not Detected	910	Not Detected
1,3-Butadiene	150	Not Detected	340	Not Detected
Hexane	150	Not Detected	530	Not Detected
Cyclohexane	150	Not Detected	520	Not Detected
Bromodichloromethane	150	Not Detected	1000	Not Detected
Dibromochloromethane	150	Not Detected	1300	Not Detected
Heptane	150	Not Detected	620	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-04-041204

ID#: 0404273-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042112**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**298**	**Date of Analysis:**	**4/21/04 03:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	150	Not Detected	740	Not Detected
Propylbenzene	150	Not Detected	740	Not Detected
Chloromethane	600	Not Detected	1200	Not Detected
1,2,4-Trichlorobenzene	600	Not Detected	4500	Not Detected
Hexachlorobutadiene	600	Not Detected	6500	Not Detected
Acetone	600	Not Detected	1400	Not Detected
Carbon Disulfide	150	Not Detected	470	Not Detected
2-Propanol	600	Not Detected	1500	Not Detected
trans-1,2-Dichloroethene	150	160	600	620
Vinyl Acetate	600	Not Detected	2100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	150	Not Detected	450	Not Detected
Tetrahydrofuran	150	Not Detected	450	Not Detected
1,4-Dioxane	600	Not Detected	2200	Not Detected
4-Methyl-2-pentanone	150	Not Detected	620	Not Detected
2-Hexanone	600	Not Detected	2500	Not Detected
Bromoform	150	Not Detected	1600	Not Detected
4-Ethyltoluene	150	Not Detected	740	Not Detected
Ethanol	600	Not Detected	1100	Not Detected
Methyl tert-butyl ether	150	Not Detected	550	Not Detected
2,2,4-Trimethylpentane	150	Not Detected	710	Not Detected
3-Chloropropene	600	Not Detected	1900	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	94%	5900

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-04-041204

ID#: 0404273-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042113**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**310**	**Date of Analysis:**	**4/21/04 03:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	160	Not Detected	780	Not Detected
Freon 114	160	Not Detected	1100	Not Detected
Vinyl Chloride	160	Not Detected	400	Not Detected
Bromomethane	160	Not Detected	610	Not Detected
Chloroethane	160	Not Detected	420	Not Detected
Freon 11	160	12000	880	67000
1,1-Dichloroethene	160	27000	620	110000
Freon 113	160	15000	1200	120000
Methylene Chloride	160	Not Detected	550	Not Detected
1,1-Dichloroethane	160	Not Detected	640	Not Detected
cis-1,2-Dichloroethene	160	Not Detected	620	Not Detected
Chloroform	160	Not Detected	770	Not Detected
1,1,1-Trichloroethane	160	Not Detected	860	Not Detected
Carbon Tetrachloride	160	Not Detected	990	Not Detected
Benzene	160	Not Detected	500	Not Detected
1,2-Dichloroethane	160	Not Detected	640	Not Detected
Trichloroethene	160	24000	850	130000
1,2-Dichloropropane	160	Not Detected	730	Not Detected
cis-1,3-Dichloropropene	160	Not Detected	720	Not Detected
Toluene	160	Not Detected	590	Not Detected
trans-1,3-Dichloropropene	160	Not Detected	720	Not Detected
1,1,2-Trichloroethane	160	Not Detected	860	Not Detected
Tetrachloroethene	160	34000	1100	230000
1,2-Dibromoethane (EDB)	160	Not Detected	1200	Not Detected
Chlorobenzene	160	Not Detected	720	Not Detected
Ethyl Benzene	160	Not Detected	680	Not Detected
m,p-Xylene	160	Not Detected	680	Not Detected
o-Xylene	160	Not Detected	680	Not Detected
Styrene	160	Not Detected	670	Not Detected
1,1,2,2-Tetrachloroethane	160	Not Detected	1100	Not Detected
1,3,5-Trimethylbenzene	160	Not Detected	770	Not Detected
1,2,4-Trimethylbenzene	160	Not Detected	770	Not Detected
1,3-Dichlorobenzene	160	Not Detected	950	Not Detected
1,4-Dichlorobenzene	160	Not Detected	950	Not Detected
alpha-Chlorotoluene	160	Not Detected	820	Not Detected
1,2-Dichlorobenzene	160	Not Detected	950	Not Detected
1,3-Butadiene	160	Not Detected	350	Not Detected
Hexane	160	Not Detected	560	Not Detected
Cyclohexane	160	Not Detected	540	Not Detected
Bromodichloromethane	160	Not Detected	1000	Not Detected
Dibromochloromethane	160	Not Detected	1300	Not Detected
Heptane	160	Not Detected	640	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-04-041204

ID#: 0404273-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042113**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**310**	**Date of Analysis:**	**4/21/04 03:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	160	Not Detected	770	Not Detected
Propylbenzene	160	Not Detected	770	Not Detected
Chloromethane	620	Not Detected	1300	Not Detected
1,2,4-Trichlorobenzene	620	Not Detected	4700	Not Detected
Hexachlorobutadiene	620	Not Detected	6700	Not Detected
Acetone	620	Not Detected	1500	Not Detected
Carbon Disulfide	160	Not Detected	490	Not Detected
2-Propanol	620	Not Detected	1500	Not Detected
trans-1,2-Dichloroethene	160	Not Detected	620	Not Detected
Vinyl Acetate	620	Not Detected	2200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	160	Not Detected	460	Not Detected
Tetrahydrofuran	160	Not Detected	460	Not Detected
1,4-Dioxane	620	Not Detected	2300	Not Detected
4-Methyl-2-pentanone	160	Not Detected	640	Not Detected
2-Hexanone	620	Not Detected	2600	Not Detected
Bromoform	160	Not Detected	1600	Not Detected
4-Ethyltoluene	160	Not Detected	770	Not Detected
Ethanol	620	Not Detected	1200	Not Detected
Methyl tert-butyl ether	160	Not Detected	570	Not Detected
2,2,4-Trimethylpentane	160	Not Detected	740	Not Detected
3-Chloropropene	620	Not Detected	2000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	95%	5000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-12-041204

ID#: 0404273-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042114**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**1580**	**Date of Analysis:**	**4/21/04 04:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	790	Not Detected	4000	Not Detected
Freon 114	790	Not Detected	5600	Not Detected
Vinyl Chloride	790	Not Detected	2000	Not Detected
Bromomethane	790	Not Detected	3100	Not Detected
Chloroethane	790	Not Detected	2100	Not Detected
Freon 11	790	22000	4500	120000
1,1-Dichloroethene	790	34000	3200	140000
Freon 113	790	58000	6200	450000
Methylene Chloride	790	Not Detected	2800	Not Detected
1,1-Dichloroethane	790	930	3200	3800
cis-1,2-Dichloroethene	790	Not Detected	3200	Not Detected
Chloroform	790	1400	3900	6700
1,1,1-Trichloroethane	790	2500	4400	14000
Carbon Tetrachloride	790	Not Detected	5000	Not Detected
Benzene	790	Not Detected	2600	Not Detected
1,2-Dichloroethane	790	Not Detected	3200	Not Detected
Trichloroethene	790	12000	4300	65000
1,2-Dichloropropane	790	Not Detected	3700	Not Detected
cis-1,3-Dichloropropene	790	Not Detected	3600	Not Detected
Toluene	790	Not Detected	3000	Not Detected
trans-1,3-Dichloropropene	790	Not Detected	3600	Not Detected
1,1,2-Trichloroethane	790	Not Detected	4400	Not Detected
Tetrachloroethene	790	220000	5400	1500000
1,2-Dibromoethane (EDB)	790	Not Detected	6200	Not Detected
Chlorobenzene	790	Not Detected	3700	Not Detected
Ethyl Benzene	790	Not Detected	3500	Not Detected
m,p-Xylene	790	Not Detected	3500	Not Detected
o-Xylene	790	Not Detected	3500	Not Detected
Styrene	790	Not Detected	3400	Not Detected
1,1,2,2-Tetrachloroethane	790	Not Detected	5500	Not Detected
1,3,5-Trimethylbenzene	790	Not Detected	3900	Not Detected
1,2,4-Trimethylbenzene	790	Not Detected	3900	Not Detected
1,3-Dichlorobenzene	790	Not Detected	4800	Not Detected
1,4-Dichlorobenzene	790	Not Detected	4800	Not Detected
alpha-Chlorotoluene	790	Not Detected	4200	Not Detected
1,2-Dichlorobenzene	790	Not Detected	4800	Not Detected
1,3-Butadiene	790	Not Detected	1800	Not Detected
Hexane	790	Not Detected	2800	Not Detected
Cyclohexane	790	Not Detected	2800	Not Detected
Bromodichloromethane	790	Not Detected	5400	Not Detected
Dibromochloromethane	790	Not Detected	6800	Not Detected
Heptane	790	Not Detected	3300	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-12-041204

ID#: 0404273-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042114**	**Date of Collection: 4/12/04**	
Dil. Factor:	**1580**	**Date of Analysis: 4/21/04 04:34 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	790	Not Detected	3900	Not Detected
Propylbenzene	790	Not Detected	3900	Not Detected
Chloromethane	3200	Not Detected	6600	Not Detected
1,2,4-Trichlorobenzene	3200	Not Detected	24000	Not Detected
Hexachlorobutadiene	3200	Not Detected	34000	Not Detected
Acetone	3200	Not Detected	7600	Not Detected
Carbon Disulfide	790	Not Detected	2500	Not Detected
2-Propanol	3200	Not Detected	7900	Not Detected
trans-1,2-Dichloroethene	790	910	3200	3700
Vinyl Acetate	3200	Not Detected	11000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	790	Not Detected	2400	Not Detected
Tetrahydrofuran	790	Not Detected	2400	Not Detected
1,4-Dioxane	3200	Not Detected	12000	Not Detected
4-Methyl-2-pentanone	790	Not Detected	3300	Not Detected
2-Hexanone	3200	Not Detected	13000	Not Detected
Bromoform	790	Not Detected	8300	Not Detected
4-Ethyltoluene	790	Not Detected	3900	Not Detected
Ethanol	3200	Not Detected	6000	Not Detected
Methyl tert-butyl ether	790	Not Detected	2900	Not Detected
2,2,4-Trimethylpentane	790	Not Detected	3800	Not Detected
3-Chloropropene	3200	Not Detected	10000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-12-041204

ID#: 0404273-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042115**	**Date of Collection: 4/12/04**	
Dil. Factor:	**67.2**	**Date of Analysis: 4/21/04 05:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	34	Not Detected	170	Not Detected
Freon 114	34	Not Detected	240	Not Detected
Vinyl Chloride	34	Not Detected	87	Not Detected
Bromomethane	34	Not Detected	130	Not Detected
Chloroethane	34	Not Detected	90	Not Detected
Freon 11	34	190	190	1100
1,1-Dichloroethene	34	380	140	1600
Freon 113	34	630	260	4900
Methylene Chloride	34	Not Detected	120	Not Detected
1,1-Dichloroethane	34	Not Detected	140	Not Detected
cis-1,2-Dichloroethene	34	Not Detected	140	Not Detected
Chloroform	34	Not Detected	170	Not Detected
1,1,1-Trichloroethane	34	Not Detected	190	Not Detected
Carbon Tetrachloride	34	Not Detected	210	Not Detected
Benzene	34	Not Detected	110	Not Detected
1,2-Dichloroethane	34	Not Detected	140	Not Detected
Trichloroethene	34	660	180	3600
1,2-Dichloropropane	34	Not Detected	160	Not Detected
cis-1,3-Dichloropropene	34	Not Detected	160	Not Detected
Toluene	34	Not Detected	130	Not Detected
trans-1,3-Dichloropropene	34	Not Detected	160	Not Detected
1,1,2-Trichloroethane	34	Not Detected	190	Not Detected
Tetrachloroethene	34	11000	230	78000
1,2-Dibromoethane (EDB)	34	Not Detected	260	Not Detected
Chlorobenzene	34	Not Detected	160	Not Detected
Ethyl Benzene	34	Not Detected	150	Not Detected
m,p-Xylene	34	Not Detected	150	Not Detected
o-Xylene	34	Not Detected	150	Not Detected
Styrene	34	Not Detected	140	Not Detected
1,1,2,2-Tetrachloroethane	34	Not Detected	230	Not Detected
1,3,5-Trimethylbenzene	34	Not Detected	170	Not Detected
1,2,4-Trimethylbenzene	34	Not Detected	170	Not Detected
1,3-Dichlorobenzene	34	Not Detected	200	Not Detected
1,4-Dichlorobenzene	34	Not Detected	200	Not Detected
alpha-Chlorotoluene	34	Not Detected	180	Not Detected
1,2-Dichlorobenzene	34	Not Detected	200	Not Detected
1,3-Butadiene	34	Not Detected	76	Not Detected
Hexane	34	Not Detected	120	Not Detected
Cyclohexane	34	Not Detected	120	Not Detected
Bromodichloromethane	34	Not Detected	230	Not Detected
Dibromochloromethane	34	Not Detected	290	Not Detected
Heptane	34	Not Detected	140	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-12-041204

ID#: 0404273-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042115**	**Date of Collection: 4/12/04**	
Dil. Factor:	**67.2**	**Date of Analysis: 4/21/04 05:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	34	Not Detected	170	Not Detected
Propylbenzene	34	Not Detected	170	Not Detected
Chloromethane	130	Not Detected	280	Not Detected
1,2,4-Trichlorobenzene	130	Not Detected	1000	Not Detected
Hexachlorobutadiene	130	Not Detected	1400	Not Detected
Acetone	130	Not Detected	320	Not Detected
Carbon Disulfide	34	Not Detected	110	Not Detected
2-Propanol	130	Not Detected	340	Not Detected
trans-1,2-Dichloroethene	34	Not Detected	140	Not Detected
Vinyl Acetate	130	Not Detected	480	Not Detected
2-Butanone (Methyl Ethyl Ketone)	34	Not Detected	100	Not Detected
Tetrahydrofuran	34	Not Detected	100	Not Detected
1,4-Dioxane	130	Not Detected	490	Not Detected
4-Methyl-2-pentanone	34	Not Detected	140	Not Detected
2-Hexanone	130	Not Detected	560	Not Detected
Bromoform	34	Not Detected	350	Not Detected
4-Ethyltoluene	34	Not Detected	170	Not Detected
Ethanol	130	Not Detected	260	Not Detected
Methyl tert-butyl ether	34	Not Detected	120	Not Detected
2,2,4-Trimethylpentane	34	Not Detected	160	Not Detected
3-Chloropropene	130	Not Detected	430	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-12-041204 Duplicate

ID#: 0404273-16AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042116**	**Date of Collection:**	**4/12/04**
Dil. Factor:	**67.2**	**Date of Analysis:**	**4/21/04 05:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	34	Not Detected	170	Not Detected
Freon 114	34	Not Detected	240	Not Detected
Vinyl Chloride	34	Not Detected	87	Not Detected
Bromomethane	34	Not Detected	130	Not Detected
Chloroethane	34	Not Detected	90	Not Detected
Freon 11	34	190	190	1100
1,1-Dichloroethene	34	390	140	1600
Freon 113	34	630	260	4900
Methylene Chloride	34	Not Detected	120	Not Detected
1,1-Dichloroethane	34	Not Detected	140	Not Detected
cis-1,2-Dichloroethene	34	Not Detected	140	Not Detected
Chloroform	34	Not Detected	170	Not Detected
1,1,1-Trichloroethane	34	36	190	200
Carbon Tetrachloride	34	Not Detected	210	Not Detected
Benzene	34	Not Detected	110	Not Detected
1,2-Dichloroethane	34	Not Detected	140	Not Detected
Trichloroethene	34	660	180	3600
1,2-Dichloropropane	34	Not Detected	160	Not Detected
cis-1,3-Dichloropropene	34	Not Detected	160	Not Detected
Toluene	34	Not Detected	130	Not Detected
trans-1,3-Dichloropropene	34	Not Detected	160	Not Detected
1,1,2-Trichloroethane	34	Not Detected	190	Not Detected
Tetrachloroethene	34	11000	230	79000
1,2-Dibromoethane (EDB)	34	Not Detected	260	Not Detected
Chlorobenzene	34	Not Detected	160	Not Detected
Ethyl Benzene	34	Not Detected	150	Not Detected
m,p-Xylene	34	Not Detected	150	Not Detected
o-Xylene	34	Not Detected	150	Not Detected
Styrene	34	Not Detected	140	Not Detected
1,1,2,2-Tetrachloroethane	34	Not Detected	230	Not Detected
1,3,5-Trimethylbenzene	34	Not Detected	170	Not Detected
1,2,4-Trimethylbenzene	34	Not Detected	170	Not Detected
1,3-Dichlorobenzene	34	Not Detected	200	Not Detected
1,4-Dichlorobenzene	34	Not Detected	200	Not Detected
alpha-Chlorotoluene	34	Not Detected	180	Not Detected
1,2-Dichlorobenzene	34	Not Detected	200	Not Detected
1,3-Butadiene	34	Not Detected	76	Not Detected
Hexane	34	Not Detected	120	Not Detected
Cyclohexane	34	Not Detected	120	Not Detected
Bromodichloromethane	34	Not Detected	230	Not Detected
Dibromochloromethane	34	Not Detected	290	Not Detected
Heptane	34	Not Detected	140	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-12-041204 Duplicate

ID#: 0404273-16AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042116**	**Date of Collection: 4/12/04**	
Dil. Factor:	**67.2**	**Date of Analysis: 4/21/04 05:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	34	Not Detected	170	Not Detected
Propylbenzene	34	Not Detected	170	Not Detected
Chloromethane	130	Not Detected	280	Not Detected
1,2,4-Trichlorobenzene	130	Not Detected	1000	Not Detected
Hexachlorobutadiene	130	Not Detected	1400	Not Detected
Acetone	130	Not Detected	320	Not Detected
Carbon Disulfide	34	Not Detected	110	Not Detected
2-Propanol	130	Not Detected	340	Not Detected
trans-1,2-Dichloroethene	34	Not Detected	140	Not Detected
Vinyl Acetate	130	Not Detected	480	Not Detected
2-Butanone (Methyl Ethyl Ketone)	34	Not Detected	100	Not Detected
Tetrahydrofuran	34	Not Detected	100	Not Detected
1,4-Dioxane	130	Not Detected	490	Not Detected
4-Methyl-2-pentanone	34	Not Detected	140	Not Detected
2-Hexanone	130	Not Detected	560	Not Detected
Bromoform	34	Not Detected	350	Not Detected
4-Ethyltoluene	34	Not Detected	170	Not Detected
Ethanol	130	Not Detected	260	Not Detected
Methyl tert-butyl ether	34	Not Detected	120	Not Detected
2,2,4-Trimethylpentane	34	Not Detected	160	Not Detected
3-Chloropropene	130	Not Detected	430	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404273-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042007**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 12:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404273-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042007**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 12:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404273-17B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 11:18 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404273-17B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 11:18 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404273-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 07:36 AM**	

Compound	%Recovery
Freon 12	101
Freon 114	99
Vinyl Chloride	100
Bromomethane	101
Chloroethane	89
Freon 11	93
1,1-Dichloroethene	88
Freon 113	94
Methylene Chloride	87
1,1-Dichloroethane	89
cis-1,2-Dichloroethene	87
Chloroform	96
1,1,1-Trichloroethane	98
Carbon Tetrachloride	102
Benzene	90
1,2-Dichloroethane	98
Trichloroethene	95
1,2-Dichloropropane	100
cis-1,3-Dichloropropene	101
Toluene	99
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	104
Tetrachloroethene	105
1,2-Dibromoethane (EDB)	108
Chlorobenzene	102
Ethyl Benzene	104
m,p-Xylene	105
o-Xylene	102
Styrene	104
1,1,2,2-Tetrachloroethane	106
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	106
alpha-Chlorotoluene	108
1,2-Dichlorobenzene	104
1,3-Butadiene	93
Hexane	86
Cyclohexane	97
Bromodichloromethane	105
Dibromochloromethane	114
Heptane	101

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404273-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 07:36 AM**	

Compound	%Recovery
Cumene	99
Propylbenzene	101
Chloromethane	101
1,2,4-Trichlorobenzene	96
Hexachlorobutadiene	96
Acetone	80
Carbon Disulfide	86
2-Propanol	85
trans-1,2-Dichloroethene	87
Vinyl Acetate	86
2-Butanone (Methyl Ethyl Ketone)	93
Tetrahydrofuran	89
1,4-Dioxane	94
4-Methyl-2-pentanone	101
2-Hexanone	102
Bromoform	119
4-Ethyltoluene	103
Ethanol	87
Methyl tert-butyl ether	85
2,2,4-Trimethylpentane	95
3-Chloropropene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404273-18B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 07:36 AM**	

Compound	%Recovery
Freon 12	106
Freon 114	102
Vinyl Chloride	102
Bromomethane	105
Chloroethane	90
Freon 11	95
1,1-Dichloroethene	90
Freon 113	97
Methylene Chloride	88
1,1-Dichloroethane	90
cis-1,2-Dichloroethene	91
Chloroform	99
1,1,1-Trichloroethane	102
Carbon Tetrachloride	106
Benzene	91
1,2-Dichloroethane	100
Trichloroethene	96
1,2-Dichloropropane	102
cis-1,3-Dichloropropene	104
Toluene	100
trans-1,3-Dichloropropene	105
1,1,2-Trichloroethane	104
Tetrachloroethene	106
1,2-Dibromoethane (EDB)	106
Chlorobenzene	102
Ethyl Benzene	104
m,p-Xylene	103
o-Xylene	101
Styrene	104
1,1,2,2-Tetrachloroethane	104
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	102
alpha-Chlorotoluene	104
1,2-Dichlorobenzene	100
1,3-Butadiene	94
Hexane	88
Cyclohexane	100
Bromodichloromethane	107
Dibromochloromethane	113
Heptane	101

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404273-18B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 07:36 AM**	

Compound	%Recovery
Cumene	98
Propylbenzene	100
Chloromethane	102
1,2,4-Trichlorobenzene	90
Hexachlorobutadiene	94
Acetone	82
Carbon Disulfide	87
2-Propanol	87
trans-1,2-Dichloroethene	88
Vinyl Acetate	86
2-Butanone (Methyl Ethyl Ketone)	95
Tetrahydrofuran	90
1,4-Dioxane	95
4-Methyl-2-pentanone	103
2-Hexanone	100
Bromoform	118
4-Ethyltoluene	100
Ethanol	89
Methyl tert-butyl ether	83
2,2,4-Trimethylpentane	98
3-Chloropropene	85

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404273-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 09:16 AM**	

Compound	%Recovery
Freon 12	122
Freon 114	111
Vinyl Chloride	109
Bromomethane	127
Chloroethane	133 Q
Freon 11	108
1,1-Dichloroethene	100
Freon 113	103
Methylene Chloride	98
1,1-Dichloroethane	103
cis-1,2-Dichloroethene	102
Chloroform	112
1,1,1-Trichloroethane	124
Carbon Tetrachloride	126
Benzene	112
1,2-Dichloroethane	120
Trichloroethene	118
1,2-Dichloropropane	127
cis-1,3-Dichloropropene	129
Toluene	112
trans-1,3-Dichloropropene	132 Q
1,1,2-Trichloroethane	119
Tetrachloroethene	118
1,2-Dibromoethane (EDB)	112
Chlorobenzene	114
Ethyl Benzene	114
m,p-Xylene	110
o-Xylene	106
Styrene	124
1,1,2,2-Tetrachloroethane	118
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	95
1,3-Dichlorobenzene	115
1,4-Dichlorobenzene	110
alpha-Chlorotoluene	160 Q
1,2-Dichlorobenzene	113
1,3-Butadiene	94
Hexane	107
Cyclohexane	118
Bromodichloromethane	121
Dibromochloromethane	124
Heptane	116

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404273-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 09:16 AM**	

Compound	%Recovery
Cumene	97
Propylbenzene	74
Chloromethane	117
1,2,4-Trichlorobenzene	82
Hexachlorobutadiene	79
Acetone	96
Carbon Disulfide	104
2-Propanol	121
trans-1,2-Dichloroethene	104
Vinyl Acetate	110
2-Butanone (Methyl Ethyl Ketone)	112
Tetrahydrofuran	117
1,4-Dioxane	116
4-Methyl-2-pentanone	118
2-Hexanone	111
Bromoform	110
4-Ethyltoluene	103
Ethanol	142 Q
Methyl tert-butyl ether	108
2,2,4-Trimethylpentane	97
3-Chloropropene	83

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404273-19B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 09:04 AM**	

Compound	%Recovery
Freon 12	119
Freon 114	110
Vinyl Chloride	118
Bromomethane	125
Chloroethane	127
Freon 11	106
1,1-Dichloroethene	97
Freon 113	102
Methylene Chloride	96
1,1-Dichloroethane	101
cis-1,2-Dichloroethene	100
Chloroform	110
1,1,1-Trichloroethane	123
Carbon Tetrachloride	126
Benzene	111
1,2-Dichloroethane	118
Trichloroethene	118
1,2-Dichloropropane	124
cis-1,3-Dichloropropene	128
Toluene	110
trans-1,3-Dichloropropene	130
1,1,2-Trichloroethane	118
Tetrachloroethene	116
1,2-Dibromoethane (EDB)	110
Chlorobenzene	113
Ethyl Benzene	112
m,p-Xylene	108
o-Xylene	105
Styrene	122
1,1,2,2-Tetrachloroethane	116
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	95
1,3-Dichlorobenzene	114
1,4-Dichlorobenzene	109
alpha-Chlorotoluene	159
1,2-Dichlorobenzene	112
1,3-Butadiene	94
Hexane	105
Cyclohexane	118
Bromodichloromethane	120
Dibromochloromethane	122
Heptane	113

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404273-19B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 09:04 AM**	

Compound	**%Recovery**
Cumene	96
Propylbenzene	74
Chloromethane	115
1,2,4-Trichlorobenzene	80
Hexachlorobutadiene	80
Acetone	93
Carbon Disulfide	101
2-Propanol	118
trans-1,2-Dichloroethene	103
Vinyl Acetate	110
2-Butanone (Methyl Ethyl Ketone)	111
Tetrahydrofuran	114
1,4-Dioxane	116
4-Methyl-2-pentanone	117
2-Hexanone	109
Bromoform	108
4-Ethyltoluene	102
Ethanol	138 Q
Methyl tert-butyl ether	103
2,2,4-Trimethylpentane	94
3-Chloropropene	81

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404272

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	10500 Omega
DATE RECEIVED:	4/15/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	4/27/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-SG-06-10-041304	Modified TO-15/TICs	1.5 "Hg
02A	OC-SG-12-10-041304	Modified TO-15/TICs	8.5 "Hg
02AA	OC-SG-12-10-041304 Duplicate	Modified TO-15/TICs	8.5 "Hg
03A	OC-SG-06-11-041304	Modified TO-15/TICs	3.5 "Hg
04A	OC-SG-12-11-041304	Modified TO-15/TICs	6.5 "Hg
05A	OC-SG-06-09-041304	Modified TO-15/TICs	2.5 "Hg
06A	OC-SG-506-09-041304	Modified TO-15/TICs	5.5 "Hg
07A	OC-SG-12-09-041304	Modified TO-15/TICs	6.5 "Hg
08A	OC-SG-06-08-0413104	Modified TO-15/TICs	2.5 "Hg
09A	OC-SG-12-08-041304	Modified TO-15/TICs	1.0 "Hg
09AA	OC-SG-12-08-041304 Duplicate	Modified TO-15/TICs	1.0 "Hg
10A	OC-SG-12-07-041304	Modified TO-15/TICs	3.5 "Hg
11A	OC-SG-06-07-041304	Modified TO-15/TICs	2.5 "Hg
12A	OC-SG-01-00-041304	Modified TO-15/TICs	29.0 "Hg
13A	Lab Blank	Modified TO-15/TICs	NA
13B	Lab Blank	Modified TO-15/TICs	NA
14A	CCV	Modified TO-15/TICs	NA
14B	CCV	Modified TO-15/TICs	NA
15A	LCS	Modified TO-15/TICs	NA
15B	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda J. Fruman DATE: 04/27/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0404272

Twelve 6 Liter Summa Canister samples were received on April 15, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

The chain of custody information for sample OC-SG-12-09-041304 did not match the entry on the sample tag. The discrepancy was noted in the Sample Receipt Confirmation email/fax and the information on the chain of custody was used to process and report the sample.

Sample OC-SG-01-00-041304 was received with significant vacuum remaining in the canister. The discrepancy was noted in the Sample Receipt Confirmation email/fax. The residual canister vacuum resulted in elevated reporting limits.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-10-041304

ID#: 0404272-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042119**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**1410**	**Date of Analysis:**	**4/21/04 09:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	700	Not Detected	3500	Not Detected
Freon 114	700	Not Detected	5000	Not Detected
Vinyl Chloride	700	Not Detected	1800	Not Detected
Bromomethane	700	Not Detected	2800	Not Detected
Chloroethane	700	Not Detected	1900	Not Detected
Freon 11	700	41000	4000	240000
1,1-Dichloroethene	700	49000	2800	200000
Freon 113	700	110000	5500	850000
Methylene Chloride	700	Not Detected	2500	Not Detected
1,1-Dichloroethane	700	1900	2900	7700
cis-1,2-Dichloroethene	700	9000	2800	36000
Chloroform	700	1500	3500	7400
1,1,1-Trichloroethane	700	2500	3900	14000
Carbon Tetrachloride	700	Not Detected	4500	Not Detected
Benzene	700	Not Detected	2300	Not Detected
1,2-Dichloroethane	700	Not Detected	2900	Not Detected
Trichloroethene	700	12000	3800	68000
1,2-Dichloropropane	700	Not Detected	3300	Not Detected
cis-1,3-Dichloropropene	700	Not Detected	3200	Not Detected
Toluene	700	Not Detected	2700	Not Detected
trans-1,3-Dichloropropene	700	Not Detected	3200	Not Detected
1,1,2-Trichloroethane	700	Not Detected	3900	Not Detected
Tetrachloroethene	700	190000	4900	1300000
1,2-Dibromoethane (EDB)	700	Not Detected	5500	Not Detected
Chlorobenzene	700	Not Detected	3300	Not Detected
Ethyl Benzene	700	Not Detected	3100	Not Detected
m,p-Xylene	700	Not Detected	3100	Not Detected
o-Xylene	700	Not Detected	3100	Not Detected
Styrene	700	Not Detected	3000	Not Detected
1,1,2,2-Tetrachloroethane	700	Not Detected	4900	Not Detected
1,3,5-Trimethylbenzene	700	Not Detected	3500	Not Detected
1,2,4-Trimethylbenzene	700	Not Detected	3500	Not Detected
1,3-Dichlorobenzene	700	Not Detected	4300	Not Detected
1,4-Dichlorobenzene	700	Not Detected	4300	Not Detected
alpha-Chlorotoluene	700	Not Detected	3700	Not Detected
1,2-Dichlorobenzene	700	Not Detected	4300	Not Detected
1,3-Butadiene	700	Not Detected	1600	Not Detected
Hexane	700	Not Detected	2500	Not Detected
Cyclohexane	700	Not Detected	2500	Not Detected
Bromodichloromethane	700	Not Detected	4800	Not Detected
Dibromochloromethane	700	Not Detected	6100	Not Detected
Heptane	700	Not Detected	2900	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-10-041304

ID#: 0404272-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042119**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**1410**	**Date of Analysis:**	**4/21/04 09:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	700	Not Detected	3500	Not Detected
Propylbenzene	700	Not Detected	3500	Not Detected
Chloromethane	2800	Not Detected	5900	Not Detected
1,2,4-Trichlorobenzene	2800	Not Detected	21000	Not Detected
Hexachlorobutadiene	2800	Not Detected	30000	Not Detected
Acetone	2800	Not Detected	6800	Not Detected
Carbon Disulfide	700	Not Detected	2200	Not Detected
2-Propanol	2800	Not Detected	7000	Not Detected
trans-1,2-Dichloroethene	700	Not Detected	2800	Not Detected
Vinyl Acetate	2800	Not Detected	10000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	700	Not Detected	2100	Not Detected
Tetrahydrofuran	700	Not Detected	2100	Not Detected
1,4-Dioxane	2800	Not Detected	10000	Not Detected
4-Methyl-2-pentanone	700	Not Detected	2900	Not Detected
2-Hexanone	2800	Not Detected	12000	Not Detected
Bromoform	700	Not Detected	7400	Not Detected
4-Ethyltoluene	700	Not Detected	3500	Not Detected
Ethanol	2800	Not Detected	5400	Not Detected
Methyl tert-butyl ether	700	Not Detected	2600	Not Detected
2,2,4-Trimethylpentane	700	Not Detected	3300	Not Detected
3-Chloropropene	2800	Not Detected	9000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-10-041304

ID#: 0404272-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042120**	**Date of Collection: 4/13/04**	
Dil. Factor:	**374**	**Date of Analysis: 4/21/04 09:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	190	Not Detected	940	Not Detected
Freon 114	190	Not Detected	1300	Not Detected
Vinyl Chloride	190	Not Detected	480	Not Detected
Bromomethane	190	Not Detected	740	Not Detected
Chloroethane	190	Not Detected	500	Not Detected
Freon 11	190	8800	1100	50000
1,1-Dichloroethene	190	10000	750	41000
Freon 113	190	23000	1400	180000
Methylene Chloride	190	Not Detected	660	Not Detected
1,1-Dichloroethane	190	390	770	1600
cis-1,2-Dichloroethene	190	1800	750	7300
Chloroform	190	330	930	1600
1,1,1-Trichloroethane	190	490	1000	2700
Carbon Tetrachloride	190	Not Detected	1200	Not Detected
Benzene	190	Not Detected	610	Not Detected
1,2-Dichloroethane	190	Not Detected	770	Not Detected
Trichloroethene	190	2400	1000	13000
1,2-Dichloropropane	190	Not Detected	880	Not Detected
cis-1,3-Dichloropropene	190	Not Detected	860	Not Detected
Toluene	190	Not Detected	720	Not Detected
trans-1,3-Dichloropropene	190	Not Detected	860	Not Detected
1,1,2-Trichloroethane	190	Not Detected	1000	Not Detected
Tetrachloroethene	190	36000	1300	250000
1,2-Dibromoethane (EDB)	190	Not Detected	1500	Not Detected
Chlorobenzene	190	Not Detected	880	Not Detected
Ethyl Benzene	190	Not Detected	820	Not Detected
m,p-Xylene	190	Not Detected	820	Not Detected
o-Xylene	190	Not Detected	820	Not Detected
Styrene	190	Not Detected	810	Not Detected
1,1,2,2-Tetrachloroethane	190	Not Detected	1300	Not Detected
1,3,5-Trimethylbenzene	190	Not Detected	930	Not Detected
1,2,4-Trimethylbenzene	190	Not Detected	930	Not Detected
1,3-Dichlorobenzene	190	Not Detected	1100	Not Detected
1,4-Dichlorobenzene	190	Not Detected	1100	Not Detected
alpha-Chlorotoluene	190	Not Detected	980	Not Detected
1,2-Dichlorobenzene	190	Not Detected	1100	Not Detected
1,3-Butadiene	190	Not Detected	420	Not Detected
Hexane	190	Not Detected	670	Not Detected
Cyclohexane	190	Not Detected	650	Not Detected
Bromodichloromethane	190	Not Detected	1300	Not Detected
Dibromochloromethane	190	Not Detected	1600	Not Detected
Heptane	190	Not Detected	780	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-10-041304

ID#: 0404272-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042120**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**374**	**Date of Analysis:**	**4/21/04 09:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	190	Not Detected	930	Not Detected
Propylbenzene	190	Not Detected	930	Not Detected
Chloromethane	750	Not Detected	1600	Not Detected
1,2,4-Trichlorobenzene	750	Not Detected	5600	Not Detected
Hexachlorobutadiene	750	Not Detected	8100	Not Detected
Acetone	750	Not Detected	1800	Not Detected
Carbon Disulfide	190	Not Detected	590	Not Detected
2-Propanol	750	Not Detected	1900	Not Detected
trans-1,2-Dichloroethene	190	Not Detected	750	Not Detected
Vinyl Acetate	750	Not Detected	2700	Not Detected
2-Butanone (Methyl Ethyl Ketone)	190	Not Detected	560	Not Detected
Tetrahydrofuran	190	Not Detected	560	Not Detected
1,4-Dioxane	750	Not Detected	2700	Not Detected
4-Methyl-2-pentanone	190	Not Detected	780	Not Detected
2-Hexanone	750	Not Detected	3100	Not Detected
Bromoform	190	Not Detected	2000	Not Detected
4-Ethyltoluene	190	Not Detected	930	Not Detected
Ethanol	750	Not Detected	1400	Not Detected
Methyl tert-butyl ether	190	Not Detected	680	Not Detected
2,2,4-Trimethylpentane	190	Not Detected	890	Not Detected
3-Chloropropene	750	Not Detected	2400	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-10-041304 Duplicate

ID#: 0404272-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042121**	**Date of Collection: 4/13/04**	
Dil. Factor:	**374**	**Date of Analysis: 4/21/04 10:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	190	Not Detected	940	Not Detected
Freon 114	190	Not Detected	1300	Not Detected
Vinyl Chloride	190	Not Detected	480	Not Detected
Bromomethane	190	Not Detected	740	Not Detected
Chloroethane	190	Not Detected	500	Not Detected
Freon 11	190	8800	1100	50000
1,1-Dichloroethene	190	10000	750	41000
Freon 113	190	23000	1400	180000
Methylene Chloride	190	Not Detected	660	Not Detected
1,1-Dichloroethane	190	390	770	1600
cis-1,2-Dichloroethene	190	1800	750	7100
Chloroform	190	320	930	1600
1,1,1-Trichloroethane	190	540	1000	3000
Carbon Tetrachloride	190	Not Detected	1200	Not Detected
Benzene	190	Not Detected	610	Not Detected
1,2-Dichloroethane	190	Not Detected	770	Not Detected
Trichloroethene	190	2400	1000	13000
1,2-Dichloropropane	190	Not Detected	880	Not Detected
cis-1,3-Dichloropropene	190	Not Detected	860	Not Detected
Toluene	190	Not Detected	720	Not Detected
trans-1,3-Dichloropropene	190	Not Detected	860	Not Detected
1,1,2-Trichloroethane	190	Not Detected	1000	Not Detected
Tetrachloroethene	190	36000	1300	250000
1,2-Dibromoethane (EDB)	190	Not Detected	1500	Not Detected
Chlorobenzene	190	Not Detected	880	Not Detected
Ethyl Benzene	190	Not Detected	820	Not Detected
m,p-Xylene	190	Not Detected	820	Not Detected
o-Xylene	190	Not Detected	820	Not Detected
Styrene	190	Not Detected	810	Not Detected
1,1,2,2-Tetrachloroethane	190	Not Detected	1300	Not Detected
1,3,5-Trimethylbenzene	190	Not Detected	930	Not Detected
1,2,4-Trimethylbenzene	190	Not Detected	930	Not Detected
1,3-Dichlorobenzene	190	Not Detected	1100	Not Detected
1,4-Dichlorobenzene	190	Not Detected	1100	Not Detected
alpha-Chlorotoluene	190	Not Detected	980	Not Detected
1,2-Dichlorobenzene	190	Not Detected	1100	Not Detected
1,3-Butadiene	190	Not Detected	420	Not Detected
Hexane	190	Not Detected	670	Not Detected
Cyclohexane	190	Not Detected	650	Not Detected
Bromodichloromethane	190	Not Detected	1300	Not Detected
Dibromochloromethane	190	Not Detected	1600	Not Detected
Heptane	190	Not Detected	780	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-10-041304 Duplicate

ID#: 0404272-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042121**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**374**	**Date of Analysis:**	**4/21/04 10:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	190	Not Detected	930	Not Detected
Propylbenzene	190	Not Detected	930	Not Detected
Chloromethane	750	Not Detected	1600	Not Detected
1,2,4-Trichlorobenzene	750	Not Detected	5600	Not Detected
Hexachlorobutadiene	750	Not Detected	8100	Not Detected
Acetone	750	Not Detected	1800	Not Detected
Carbon Disulfide	190	Not Detected	590	Not Detected
2-Propanol	750	Not Detected	1900	Not Detected
trans-1,2-Dichloroethene	190	Not Detected	750	Not Detected
Vinyl Acetate	750	Not Detected	2700	Not Detected
2-Butanone (Methyl Ethyl Ketone)	190	Not Detected	560	Not Detected
Tetrahydrofuran	190	Not Detected	560	Not Detected
1,4-Dioxane	750	Not Detected	2700	Not Detected
4-Methyl-2-pentanone	190	Not Detected	780	Not Detected
2-Hexanone	750	Not Detected	3100	Not Detected
Bromoform	190	Not Detected	2000	Not Detected
4-Ethyltoluene	190	Not Detected	930	Not Detected
Ethanol	750	Not Detected	1400	Not Detected
Methyl tert-butyl ether	190	Not Detected	680	Not Detected
2,2,4-Trimethylpentane	190	Not Detected	890	Not Detected
3-Chloropropene	750	Not Detected	2400	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-11-041304

ID#: 0404272-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042122**	**Date of Collection: 4/13/04**	
Dil. Factor:	**3040**	**Date of Analysis: 4/21/04 11:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7600	Not Detected
Freon 114	1500	Not Detected	11000	Not Detected
Vinyl Chloride	1500	Not Detected	3900	Not Detected
Bromomethane	1500	Not Detected	6000	Not Detected
Chloroethane	1500	Not Detected	4100	Not Detected
Freon 11	1500	140000	8700	830000
1,1-Dichloroethene	1500	190000	6100	760000
Freon 113	1500	310000	12000	2400000
Methylene Chloride	1500	Not Detected	5400	Not Detected
1,1-Dichloroethane	1500	Not Detected	6200	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	6100	Not Detected
Chloroform	1500	Not Detected	7500	Not Detected
1,1,1-Trichloroethane	1500	Not Detected	8400	Not Detected
Carbon Tetrachloride	1500	Not Detected	9700	Not Detected
Benzene	1500	Not Detected	4900	Not Detected
1,2-Dichloroethane	1500	Not Detected	6200	Not Detected
Trichloroethene	1500	22000	8300	120000
1,2-Dichloropropane	1500	Not Detected	7100	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	7000	Not Detected
Toluene	1500	Not Detected	5800	Not Detected
trans-1,3-Dichloropropene	1500	Not Detected	7000	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8400	Not Detected
Tetrachloroethene	1500	130000	10000	900000
1,2-Dibromoethane (EDB)	1500	Not Detected	12000	Not Detected
Chlorobenzene	1500	Not Detected	7100	Not Detected
Ethyl Benzene	1500	Not Detected	6700	Not Detected
m,p-Xylene	1500	Not Detected	6700	Not Detected
o-Xylene	1500	Not Detected	6700	Not Detected
Styrene	1500	Not Detected	6600	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	11000	Not Detected
1,3,5-Trimethylbenzene	1500	Not Detected	7600	Not Detected
1,2,4-Trimethylbenzene	1500	Not Detected	7600	Not Detected
1,3-Dichlorobenzene	1500	Not Detected	9300	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	9300	Not Detected
alpha-Chlorotoluene	1500	Not Detected	8000	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	9300	Not Detected
1,3-Butadiene	1500	Not Detected	3400	Not Detected
Hexane	1500	Not Detected	5400	Not Detected
Cyclohexane	1500	Not Detected	5300	Not Detected
Bromodichloromethane	1500	Not Detected	10000	Not Detected
Dibromochloromethane	1500	Not Detected	13000	Not Detected
Heptane	1500	Not Detected	6300	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-11-041304

ID#: 0404272-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042122**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**3040**	**Date of Analysis:**	**4/21/04 11:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1500	Not Detected	7600	Not Detected
Propylbenzene	1500	Not Detected	7600	Not Detected
Chloromethane	6100	Not Detected	13000	Not Detected
1,2,4-Trichlorobenzene	6100	Not Detected	46000	Not Detected
Hexachlorobutadiene	6100	Not Detected	66000	Not Detected
Acetone	6100	Not Detected	15000	Not Detected
Carbon Disulfide	1500	Not Detected	4800	Not Detected
2-Propanol	6100	Not Detected	15000	Not Detected
trans-1,2-Dichloroethene	1500	Not Detected	6100	Not Detected
Vinyl Acetate	6100	Not Detected	22000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4600	Not Detected
Tetrahydrofuran	1500	Not Detected	4600	Not Detected
1,4-Dioxane	6100	Not Detected	22000	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6300	Not Detected
2-Hexanone	6100	Not Detected	25000	Not Detected
Bromoform	1500	Not Detected	16000	Not Detected
4-Ethyltoluene	1500	Not Detected	7600	Not Detected
Ethanol	6100	Not Detected	12000	Not Detected
Methyl tert-butyl ether	1500	Not Detected	5600	Not Detected
2,2,4-Trimethylpentane	1500	Not Detected	7200	Not Detected
3-Chloropropene	6100	Not Detected	19000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-11-041304

ID#: 0404272-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042123**	**Date of Collection: 4/13/04**	
Dil. Factor:	**3420**	**Date of Analysis: 4/21/04 11:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1700	Not Detected	8600	Not Detected
Freon 114	1700	Not Detected	12000	Not Detected
Vinyl Chloride	1700	Not Detected	4400	Not Detected
Bromomethane	1700	Not Detected	6700	Not Detected
Chloroethane	1700	Not Detected	4600	Not Detected
Freon 11	1700	140000	9800	780000
1,1-Dichloroethene	1700	180000	6900	730000
Freon 113	1700	290000	13000	2300000
Methylene Chloride	1700	Not Detected	6000	Not Detected
1,1-Dichloroethane	1700	Not Detected	7000	Not Detected
cis-1,2-Dichloroethene	1700	Not Detected	6900	Not Detected
Chloroform	1700	Not Detected	8500	Not Detected
1,1,1-Trichloroethane	1700	Not Detected	9500	Not Detected
Carbon Tetrachloride	1700	Not Detected	11000	Not Detected
Benzene	1700	Not Detected	5600	Not Detected
1,2-Dichloroethane	1700	Not Detected	7000	Not Detected
Trichloroethene	1700	20000	9300	110000
1,2-Dichloropropane	1700	Not Detected	8000	Not Detected
cis-1,3-Dichloropropene	1700	Not Detected	7900	Not Detected
Toluene	1700	Not Detected	6500	Not Detected
trans-1,3-Dichloropropene	1700	Not Detected	7900	Not Detected
1,1,2-Trichloroethane	1700	Not Detected	9500	Not Detected
Tetrachloroethene	1700	120000	12000	840000
1,2-Dibromoethane (EDB)	1700	Not Detected	13000	Not Detected
Chlorobenzene	1700	Not Detected	8000	Not Detected
Ethyl Benzene	1700	Not Detected	7500	Not Detected
m,p-Xylene	1700	Not Detected	7500	Not Detected
o-Xylene	1700	Not Detected	7500	Not Detected
Styrene	1700	Not Detected	7400	Not Detected
1,1,2,2-Tetrachloroethane	1700	Not Detected	12000	Not Detected
1,3,5-Trimethylbenzene	1700	Not Detected	8500	Not Detected
1,2,4-Trimethylbenzene	1700	Not Detected	8500	Not Detected
1,3-Dichlorobenzene	1700	Not Detected	10000	Not Detected
1,4-Dichlorobenzene	1700	Not Detected	10000	Not Detected
alpha-Chlorotoluene	1700	Not Detected	9000	Not Detected
1,2-Dichlorobenzene	1700	Not Detected	10000	Not Detected
1,3-Butadiene	1700	Not Detected	3800	Not Detected
Hexane	1700	Not Detected	6100	Not Detected
Cyclohexane	1700	Not Detected	6000	Not Detected
Bromodichloromethane	1700	Not Detected	12000	Not Detected
Dibromochloromethane	1700	Not Detected	15000	Not Detected
Heptane	1700	Not Detected	7100	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-11-041304

ID#: 0404272-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042123**	**Date of Collection: 4/13/04**	
Dil. Factor:	**3420**	**Date of Analysis: 4/21/04 11:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1700	Not Detected	8500	Not Detected
Propylbenzene	1700	Not Detected	8500	Not Detected
Chloromethane	6800	Not Detected	14000	Not Detected
1,2,4-Trichlorobenzene	6800	Not Detected	52000	Not Detected
Hexachlorobutadiene	6800	Not Detected	74000	Not Detected
Acetone	6800	Not Detected	16000	Not Detected
Carbon Disulfide	1700	Not Detected	5400	Not Detected
2-Propanol	6800	Not Detected	17000	Not Detected
trans-1,2-Dichloroethene	1700	Not Detected	6900	Not Detected
Vinyl Acetate	6800	Not Detected	24000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1700	Not Detected	5100	Not Detected
Tetrahydrofuran	1700	Not Detected	5100	Not Detected
1,4-Dioxane	6800	Not Detected	25000	Not Detected
4-Methyl-2-pentanone	1700	Not Detected	7100	Not Detected
2-Hexanone	6800	Not Detected	28000	Not Detected
Bromoform	1700	Not Detected	18000	Not Detected
4-Ethyltoluene	1700	Not Detected	8500	Not Detected
Ethanol	6800	Not Detected	13000	Not Detected
Methyl tert-butyl ether	1700	Not Detected	6300	Not Detected
2,2,4-Trimethylpentane	1700	Not Detected	8100	Not Detected
3-Chloropropene	6800	Not Detected	22000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-09-041304

ID#: 0404272-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042124**	**Date of Collection: 4/13/04**	
Dil. Factor:	**1460**	**Date of Analysis: 4/22/04 12:26 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	730	Not Detected	3700	Not Detected
Freon 114	730	Not Detected	5200	Not Detected
Vinyl Chloride	730	Not Detected	1900	Not Detected
Bromomethane	730	Not Detected	2900	Not Detected
Chloroethane	730	Not Detected	2000	Not Detected
Freon 11	730	70000	4200	400000
1,1-Dichloroethene	730	100000	2900	430000
Freon 113	730	150000	5700	1200000
Methylene Chloride	730	Not Detected	2600	Not Detected
1,1-Dichloroethane	730	Not Detected	3000	Not Detected
cis-1,2-Dichloroethene	730	1900	2900	7800
Chloroform	730	Not Detected	3600	Not Detected
1,1,1-Trichloroethane	730	Not Detected	4000	Not Detected
Carbon Tetrachloride	730	Not Detected	4700	Not Detected
Benzene	730	Not Detected	2400	Not Detected
1,2-Dichloroethane	730	Not Detected	3000	Not Detected
Trichloroethene	730	11000	4000	60000
1,2-Dichloropropane	730	Not Detected	3400	Not Detected
cis-1,3-Dichloropropene	730	Not Detected	3400	Not Detected
Toluene	730	Not Detected	2800	Not Detected
trans-1,3-Dichloropropene	730	Not Detected	3400	Not Detected
1,1,2-Trichloroethane	730	Not Detected	4000	Not Detected
Tetrachloroethene	730	100000	5000	720000
1,2-Dibromoethane (EDB)	730	Not Detected	5700	Not Detected
Chlorobenzene	730	Not Detected	3400	Not Detected
Ethyl Benzene	730	Not Detected	3200	Not Detected
m,p-Xylene	730	Not Detected	3200	Not Detected
o-Xylene	730	Not Detected	3200	Not Detected
Styrene	730	Not Detected	3200	Not Detected
1,1,2,2-Tetrachloroethane	730	Not Detected	5100	Not Detected
1,3,5-Trimethylbenzene	730	Not Detected	3600	Not Detected
1,2,4-Trimethylbenzene	730	Not Detected	3600	Not Detected
1,3-Dichlorobenzene	730	Not Detected	4500	Not Detected
1,4-Dichlorobenzene	730	Not Detected	4500	Not Detected
alpha-Chlorotoluene	730	Not Detected	3800	Not Detected
1,2-Dichlorobenzene	730	Not Detected	4500	Not Detected
1,3-Butadiene	730	Not Detected	1600	Not Detected
Hexane	730	Not Detected	2600	Not Detected
Cyclohexane	730	Not Detected	2600	Not Detected
Bromodichloromethane	730	Not Detected	5000	Not Detected
Dibromochloromethane	730	Not Detected	6300	Not Detected
Heptane	730	Not Detected	3000	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-09-041304

ID#: 0404272-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042124**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**1460**	**Date of Analysis:**	**4/22/04 12:26 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	730	Not Detected	3600	Not Detected
Propylbenzene	730	Not Detected	3600	Not Detected
Chloromethane	2900	Not Detected	6100	Not Detected
1,2,4-Trichlorobenzene	2900	Not Detected	22000	Not Detected
Hexachlorobutadiene	2900	Not Detected	32000	Not Detected
Acetone	2900	Not Detected	7000	Not Detected
Carbon Disulfide	730	Not Detected	2300	Not Detected
2-Propanol	2900	Not Detected	7300	Not Detected
trans-1,2-Dichloroethene	730	Not Detected	2900	Not Detected
Vinyl Acetate	2900	Not Detected	10000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	730	Not Detected	2200	Not Detected
Tetrahydrofuran	730	Not Detected	2200	Not Detected
1,4-Dioxane	2900	Not Detected	11000	Not Detected
4-Methyl-2-pentanone	730	Not Detected	3000	Not Detected
2-Hexanone	2900	Not Detected	12000	Not Detected
Bromoform	730	Not Detected	7700	Not Detected
4-Ethyltoluene	730	Not Detected	3600	Not Detected
Ethanol	2900	Not Detected	5600	Not Detected
Methyl tert-butyl ether	730	Not Detected	2700	Not Detected
2,2,4-Trimethylpentane	730	Not Detected	3500	Not Detected
3-Chloropropene	2900	Not Detected	9300	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-506-09-041304

ID#: 0404272-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042125**	**Date of Collection: 4/13/04**	
Dil. Factor:	**1640**	**Date of Analysis: 4/22/04 01:06 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	820	Not Detected	4100	Not Detected
Freon 114	820	Not Detected	5800	Not Detected
Vinyl Chloride	820	Not Detected	2100	Not Detected
Bromomethane	820	Not Detected	3200	Not Detected
Chloroethane	820	Not Detected	2200	Not Detected
Freon 11	820	70000	4700	400000
1,1-Dichloroethene	820	100000	3300	420000
Freon 113	820	150000	6400	1200000
Methylene Chloride	820	Not Detected	2900	Not Detected
1,1-Dichloroethane	820	Not Detected	3400	Not Detected
cis-1,2-Dichloroethene	820	2000	3300	8000
Chloroform	820	Not Detected	4100	Not Detected
1,1,1-Trichloroethane	820	Not Detected	4500	Not Detected
Carbon Tetrachloride	820	Not Detected	5200	Not Detected
Benzene	820	Not Detected	2700	Not Detected
1,2-Dichloroethane	820	Not Detected	3400	Not Detected
Trichloroethene	820	10000	4500	56000
1,2-Dichloropropane	820	Not Detected	3800	Not Detected
cis-1,3-Dichloropropene	820	Not Detected	3800	Not Detected
Toluene	820	Not Detected	3100	Not Detected
trans-1,3-Dichloropropene	820	Not Detected	3800	Not Detected
1,1,2-Trichloroethane	820	Not Detected	4500	Not Detected
Tetrachloroethene	820	100000	5600	700000
1,2-Dibromoethane (EDB)	820	Not Detected	6400	Not Detected
Chlorobenzene	820	Not Detected	3800	Not Detected
Ethyl Benzene	820	Not Detected	3600	Not Detected
m,p-Xylene	820	Not Detected	3600	Not Detected
o-Xylene	820	Not Detected	3600	Not Detected
Styrene	820	Not Detected	3500	Not Detected
1,1,2,2-Tetrachloroethane	820	Not Detected	5700	Not Detected
1,3,5-Trimethylbenzene	820	Not Detected	4100	Not Detected
1,2,4-Trimethylbenzene	820	Not Detected	4100	Not Detected
1,3-Dichlorobenzene	820	Not Detected	5000	Not Detected
1,4-Dichlorobenzene	820	Not Detected	5000	Not Detected
alpha-Chlorotoluene	820	Not Detected	4300	Not Detected
1,2-Dichlorobenzene	820	Not Detected	5000	Not Detected
1,3-Butadiene	820	Not Detected	1800	Not Detected
Hexane	820	Not Detected	2900	Not Detected
Cyclohexane	820	Not Detected	2900	Not Detected
Bromodichloromethane	820	Not Detected	5600	Not Detected
Dibromochloromethane	820	Not Detected	7100	Not Detected
Heptane	820	Not Detected	3400	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-506-09-041304

ID#: 0404272-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042125**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**1640**	**Date of Analysis:**	**4/22/04 01:06 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	820	Not Detected	4100	Not Detected
Propylbenzene	820	Not Detected	4100	Not Detected
Chloromethane	3300	Not Detected	6900	Not Detected
1,2,4-Trichlorobenzene	3300	Not Detected	25000	Not Detected
Hexachlorobutadiene	3300	Not Detected	36000	Not Detected
Acetone	3300	Not Detected	7900	Not Detected
Carbon Disulfide	820	Not Detected	2600	Not Detected
2-Propanol	3300	Not Detected	8200	Not Detected
trans-1,2-Dichloroethene	820	Not Detected	3300	Not Detected
Vinyl Acetate	3300	Not Detected	12000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	820	Not Detected	2400	Not Detected
Tetrahydrofuran	820	Not Detected	2400	Not Detected
1,4-Dioxane	3300	Not Detected	12000	Not Detected
4-Methyl-2-pentanone	820	Not Detected	3400	Not Detected
2-Hexanone	3300	Not Detected	14000	Not Detected
Bromoform	820	Not Detected	8600	Not Detected
4-Ethyltoluene	820	Not Detected	4100	Not Detected
Ethanol	3300	Not Detected	6300	Not Detected
Methyl tert-butyl ether	820	Not Detected	3000	Not Detected
2,2,4-Trimethylpentane	820	Not Detected	3900	Not Detected
3-Chloropropene	3300	Not Detected	10000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-09-041304

ID#: 0404272-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042219**	**Date of Collection: 4/13/04**	
Dil. Factor:	**342**	**Date of Analysis: 4/22/04 09:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	170	Not Detected	860	Not Detected
Freon 114	170	Not Detected	1200	Not Detected
Vinyl Chloride	170	Not Detected	440	Not Detected
Bromomethane	170	Not Detected	670	Not Detected
Chloroethane	170	Not Detected	460	Not Detected
Freon 11	170	18000	980	100000
1,1-Dichloroethene	170	26000	690	100000
Freon 113	170	39000	1300	300000
Methylene Chloride	170	Not Detected	600	Not Detected
1,1-Dichloroethane	170	170	700	710
cis-1,2-Dichloroethene	170	530	690	2100
Chloroform	170	Not Detected	850	Not Detected
1,1,1-Trichloroethane	170	Not Detected	950	Not Detected
Carbon Tetrachloride	170	Not Detected	1100	Not Detected
Benzene	170	Not Detected	560	Not Detected
1,2-Dichloroethane	170	Not Detected	700	Not Detected
Trichloroethene	170	2600	930	14000
1,2-Dichloropropane	170	Not Detected	800	Not Detected
cis-1,3-Dichloropropene	170	Not Detected	790	Not Detected
Toluene	170	Not Detected	650	Not Detected
trans-1,3-Dichloropropene	170	Not Detected	790	Not Detected
1,1,2-Trichloroethane	170	Not Detected	950	Not Detected
Tetrachloroethene	170	27000	1200	190000
1,2-Dibromoethane (EDB)	170	Not Detected	1300	Not Detected
Chlorobenzene	170	Not Detected	800	Not Detected
Ethyl Benzene	170	Not Detected	750	Not Detected
m,p-Xylene	170	Not Detected	750	Not Detected
o-Xylene	170	Not Detected	750	Not Detected
Styrene	170	Not Detected	740	Not Detected
1,1,2,2-Tetrachloroethane	170	Not Detected	1200	Not Detected
1,3,5-Trimethylbenzene	170	Not Detected	850	Not Detected
1,2,4-Trimethylbenzene	170	Not Detected	850	Not Detected
1,3-Dichlorobenzene	170	Not Detected	1000	Not Detected
1,4-Dichlorobenzene	170	Not Detected	1000	Not Detected
alpha-Chlorotoluene	170	Not Detected	900	Not Detected
1,2-Dichlorobenzene	170	Not Detected	1000	Not Detected
1,3-Butadiene	170	Not Detected	380	Not Detected
Hexane	170	Not Detected	610	Not Detected
Cyclohexane	170	Not Detected	600	Not Detected
Bromodichloromethane	170	Not Detected	1200	Not Detected
Dibromochloromethane	170	Not Detected	1500	Not Detected
Heptane	170	Not Detected	710	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-09-041304

ID#: 0404272-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042219**	**Date of Collection: 4/13/04**	
Dil. Factor:	**342**	**Date of Analysis: 4/22/04 09:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	170	Not Detected	850	Not Detected
Propylbenzene	170	Not Detected	850	Not Detected
Chloromethane	680	Not Detected	1400	Not Detected
1,2,4-Trichlorobenzene	680	Not Detected	5200	Not Detected
Hexachlorobutadiene	680	Not Detected	7400	Not Detected
Acetone	680	Not Detected	1600	Not Detected
Carbon Disulfide	170	Not Detected	540	Not Detected
2-Propanol	680	Not Detected	1700	Not Detected
trans-1,2-Dichloroethene	170	Not Detected	690	Not Detected
Vinyl Acetate	680	Not Detected	2400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	170	Not Detected	510	Not Detected
Tetrahydrofuran	170	Not Detected	510	Not Detected
1,4-Dioxane	680	Not Detected	2500	Not Detected
4-Methyl-2-pentanone	170	Not Detected	710	Not Detected
2-Hexanone	680	Not Detected	2800	Not Detected
Bromoform	170	Not Detected	1800	Not Detected
4-Ethyltoluene	170	Not Detected	850	Not Detected
Ethanol	680	Not Detected	1300	Not Detected
Methyl tert-butyl ether	170	Not Detected	630	Not Detected
2,2,4-Trimethylpentane	170	Not Detected	810	Not Detected
3-Chloropropene	680	Not Detected	2200	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-08-0413104

ID#: 0404272-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042127**	**Date of Collection: 4/13/04**	
Dil. Factor:	**2920**	**Date of Analysis: 4/22/04 02:26 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7300	Not Detected
Freon 114	1500	Not Detected	10000	Not Detected
Vinyl Chloride	1500	Not Detected	3800	Not Detected
Bromomethane	1500	Not Detected	5800	Not Detected
Chloroethane	1500	Not Detected	3900	Not Detected
Freon 11	1500	120000	8300	700000
1,1-Dichloroethene	1500	210000	5900	840000
Freon 113	1500	240000	11000	1800000
Methylene Chloride	1500	Not Detected	5200	Not Detected
1,1-Dichloroethane	1500	Not Detected	6000	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	5900	Not Detected
Chloroform	1500	Not Detected	7200	Not Detected
1,1,1-Trichloroethane	1500	Not Detected	8100	Not Detected
Carbon Tetrachloride	1500	Not Detected	9300	Not Detected
Benzene	1500	Not Detected	4700	Not Detected
1,2-Dichloroethane	1500	Not Detected	6000	Not Detected
Trichloroethene	1500	27000	8000	140000
1,2-Dichloropropane	1500	Not Detected	6800	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	6700	Not Detected
Toluene	1500	Not Detected	5600	Not Detected
trans-1,3-Dichloropropene	1500	Not Detected	6700	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8100	Not Detected
Tetrachloroethene	1500	120000	10000	800000
1,2-Dibromoethane (EDB)	1500	Not Detected	11000	Not Detected
Chlorobenzene	1500	Not Detected	6800	Not Detected
Ethyl Benzene	1500	Not Detected	6400	Not Detected
m,p-Xylene	1500	Not Detected	6400	Not Detected
o-Xylene	1500	Not Detected	6400	Not Detected
Styrene	1500	Not Detected	6300	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	10000	Not Detected
1,3,5-Trimethylbenzene	1500	Not Detected	7300	Not Detected
1,2,4-Trimethylbenzene	1500	Not Detected	7300	Not Detected
1,3-Dichlorobenzene	1500	Not Detected	8900	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	8900	Not Detected
alpha-Chlorotoluene	1500	Not Detected	7700	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	8900	Not Detected
1,3-Butadiene	1500	Not Detected	3300	Not Detected
Hexane	1500	Not Detected	5200	Not Detected
Cyclohexane	1500	Not Detected	5100	Not Detected
Bromodichloromethane	1500	Not Detected	9900	Not Detected
Dibromochloromethane	1500	Not Detected	13000	Not Detected
Heptane	1500	Not Detected	6100	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-08-0413104

ID#: 0404272-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042127**	**Date of Collection: 4/13/04**	
Dil. Factor:	**2920**	**Date of Analysis: 4/22/04 02:26 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1500	Not Detected	7300	Not Detected
Propylbenzene	1500	Not Detected	7300	Not Detected
Chloromethane	5800	Not Detected	12000	Not Detected
1,2,4-Trichlorobenzene	5800	Not Detected	44000	Not Detected
Hexachlorobutadiene	5800	Not Detected	63000	Not Detected
Acetone	5800	Not Detected	14000	Not Detected
Carbon Disulfide	1500	Not Detected	4600	Not Detected
2-Propanol	5800	Not Detected	14000	Not Detected
trans-1,2-Dichloroethene	1500	Not Detected	5900	Not Detected
Vinyl Acetate	5800	Not Detected	21000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4400	Not Detected
Tetrahydrofuran	1500	Not Detected	4400	Not Detected
1,4-Dioxane	5800	Not Detected	21000	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6100	Not Detected
2-Hexanone	5800	Not Detected	24000	Not Detected
Bromoform	1500	Not Detected	15000	Not Detected
4-Ethyltoluene	1500	Not Detected	7300	Not Detected
Ethanol	5800	Not Detected	11000	Not Detected
Methyl tert-butyl ether	1500	Not Detected	5400	Not Detected
2,2,4-Trimethylpentane	1500	Not Detected	6900	Not Detected
3-Chloropropene	5800	Not Detected	18000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-08-041304

ID#: 0404272-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042220**	**Date of Collection: 4/13/04**	
Dil. Factor:	**13.9**	**Date of Analysis: 4/22/04 10:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	7.0	Not Detected	35	Not Detected
Freon 114	7.0	Not Detected	49	Not Detected
Vinyl Chloride	7.0	Not Detected	18	Not Detected
Bromomethane	7.0	Not Detected	27	Not Detected
Chloroethane	7.0	Not Detected	19	Not Detected
Freon 11	7.0	300	40	1700
1,1-Dichloroethene	7.0	590	28	2400
Freon 113	7.0	620	54	4800
Methylene Chloride	7.0	Not Detected	24	Not Detected
1,1-Dichloroethane	7.0	Not Detected	28	Not Detected
cis-1,2-Dichloroethene	7.0	Not Detected	28	Not Detected
Chloroform	7.0	Not Detected	34	Not Detected
1,1,1-Trichloroethane	7.0	Not Detected	38	Not Detected
Carbon Tetrachloride	7.0	Not Detected	44	Not Detected
Benzene	7.0	Not Detected	22	Not Detected
1,2-Dichloroethane	7.0	Not Detected	28	Not Detected
Trichloroethene	7.0	190	38	1000
1,2-Dichloropropane	7.0	Not Detected	33	Not Detected
cis-1,3-Dichloropropene	7.0	Not Detected	32	Not Detected
Toluene	7.0	Not Detected	27	Not Detected
trans-1,3-Dichloropropene	7.0	Not Detected	32	Not Detected
1,1,2-Trichloroethane	7.0	Not Detected	38	Not Detected
Tetrachloroethene	7.0	1600	48	11000
1,2-Dibromoethane (EDB)	7.0	Not Detected	54	Not Detected
Chlorobenzene	7.0	Not Detected	32	Not Detected
Ethyl Benzene	7.0	Not Detected	31	Not Detected
m,p-Xylene	7.0	Not Detected	31	Not Detected
o-Xylene	7.0	Not Detected	31	Not Detected
Styrene	7.0	Not Detected	30	Not Detected
1,1,2,2-Tetrachloroethane	7.0	Not Detected	48	Not Detected
1,3,5-Trimethylbenzene	7.0	Not Detected	35	Not Detected
1,2,4-Trimethylbenzene	7.0	Not Detected	35	Not Detected
1,3-Dichlorobenzene	7.0	Not Detected	42	Not Detected
1,4-Dichlorobenzene	7.0	Not Detected	42	Not Detected
alpha-Chlorotoluene	7.0	Not Detected	36	Not Detected
1,2-Dichlorobenzene	7.0	Not Detected	42	Not Detected
1,3-Butadiene	7.0	Not Detected	16	Not Detected
Hexane	7.0	Not Detected	25	Not Detected
Cyclohexane	7.0	Not Detected	24	Not Detected
Bromodichloromethane	7.0	Not Detected	47	Not Detected
Dibromochloromethane	7.0	Not Detected	60	Not Detected
Heptane	7.0	Not Detected	29	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-08-041304

ID#: 0404272-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042220**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**13.9**	**Date of Analysis:**	**4/22/04 10:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	7.0	Not Detected	35	Not Detected
Propylbenzene	7.0	Not Detected	35	Not Detected
Chloromethane	28	Not Detected	58	Not Detected
1,2,4-Trichlorobenzene	28	Not Detected	210	Not Detected
Hexachlorobutadiene	28	Not Detected	300	Not Detected
Acetone	28	Not Detected	67	Not Detected
Carbon Disulfide	7.0	Not Detected	22	Not Detected
2-Propanol	28	Not Detected	69	Not Detected
trans-1,2-Dichloroethene	7.0	Not Detected	28	Not Detected
Vinyl Acetate	28	Not Detected	99	Not Detected
2-Butanone (Methyl Ethyl Ketone)	7.0	Not Detected	21	Not Detected
Tetrahydrofuran	7.0	Not Detected	21	Not Detected
1,4-Dioxane	28	Not Detected	100	Not Detected
4-Methyl-2-pentanone	7.0	Not Detected	29	Not Detected
2-Hexanone	28	Not Detected	120	Not Detected
Bromoform	7.0	Not Detected	73	Not Detected
4-Ethyltoluene	7.0	Not Detected	35	Not Detected
Ethanol	28	Not Detected	53	Not Detected
Methyl tert-butyl ether	7.0	Not Detected	25	Not Detected
2,2,4-Trimethylpentane	7.0	Not Detected	33	Not Detected
3-Chloropropene	28	Not Detected	88	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-08-041304 Duplicate

ID#: 0404272-09AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042221**	**Date of Collection: 4/13/04**	
Dil. Factor:	**13.9**	**Date of Analysis: 4/22/04 11:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	7.0	Not Detected	35	Not Detected
Freon 114	7.0	Not Detected	49	Not Detected
Vinyl Chloride	7.0	Not Detected	18	Not Detected
Bromomethane	7.0	Not Detected	27	Not Detected
Chloroethane	7.0	Not Detected	19	Not Detected
Freon 11	7.0	300	40	1700
1,1-Dichloroethene	7.0	590	28	2400
Freon 113	7.0	620	54	4800
Methylene Chloride	7.0	Not Detected	24	Not Detected
1,1-Dichloroethane	7.0	Not Detected	28	Not Detected
cis-1,2-Dichloroethene	7.0	Not Detected	28	Not Detected
Chloroform	7.0	Not Detected	34	Not Detected
1,1,1-Trichloroethane	7.0	Not Detected	38	Not Detected
Carbon Tetrachloride	7.0	Not Detected	44	Not Detected
Benzene	7.0	Not Detected	22	Not Detected
1,2-Dichloroethane	7.0	Not Detected	28	Not Detected
Trichloroethene	7.0	200	38	1100
1,2-Dichloropropane	7.0	Not Detected	33	Not Detected
cis-1,3-Dichloropropene	7.0	Not Detected	32	Not Detected
Toluene	7.0	Not Detected	27	Not Detected
trans-1,3-Dichloropropene	7.0	Not Detected	32	Not Detected
1,1,2-Trichloroethane	7.0	Not Detected	38	Not Detected
Tetrachloroethene	7.0	1600	48	11000
1,2-Dibromoethane (EDB)	7.0	Not Detected	54	Not Detected
Chlorobenzene	7.0	Not Detected	32	Not Detected
Ethyl Benzene	7.0	Not Detected	31	Not Detected
m,p-Xylene	7.0	Not Detected	31	Not Detected
o-Xylene	7.0	Not Detected	31	Not Detected
Styrene	7.0	Not Detected	30	Not Detected
1,1,2,2-Tetrachloroethane	7.0	Not Detected	48	Not Detected
1,3,5-Trimethylbenzene	7.0	Not Detected	35	Not Detected
1,2,4-Trimethylbenzene	7.0	Not Detected	35	Not Detected
1,3-Dichlorobenzene	7.0	Not Detected	42	Not Detected
1,4-Dichlorobenzene	7.0	Not Detected	42	Not Detected
alpha-Chlorotoluene	7.0	Not Detected	36	Not Detected
1,2-Dichlorobenzene	7.0	Not Detected	42	Not Detected
1,3-Butadiene	7.0	Not Detected	16	Not Detected
Hexane	7.0	Not Detected	25	Not Detected
Cyclohexane	7.0	Not Detected	24	Not Detected
Bromodichloromethane	7.0	Not Detected	47	Not Detected
Dibromochloromethane	7.0	Not Detected	60	Not Detected
Heptane	7.0	Not Detected	29	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-08-041304 Duplicate

ID#: 0404272-09AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042221**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**13.9**	**Date of Analysis:**	**4/22/04 11:12 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	7.0	Not Detected	35	Not Detected
Propylbenzene	7.0	Not Detected	35	Not Detected
Chloromethane	28	Not Detected	58	Not Detected
1,2,4-Trichlorobenzene	28	Not Detected	210	Not Detected
Hexachlorobutadiene	28	Not Detected	300	Not Detected
Acetone	28	Not Detected	67	Not Detected
Carbon Disulfide	7.0	Not Detected	22	Not Detected
2-Propanol	28	Not Detected	69	Not Detected
trans-1,2-Dichloroethene	7.0	Not Detected	28	Not Detected
Vinyl Acetate	28	Not Detected	99	Not Detected
2-Butanone (Methyl Ethyl Ketone)	7.0	Not Detected	21	Not Detected
Tetrahydrofuran	7.0	Not Detected	21	Not Detected
1,4-Dioxane	28	Not Detected	100	Not Detected
4-Methyl-2-pentanone	7.0	Not Detected	29	Not Detected
2-Hexanone	28	Not Detected	120	Not Detected
Bromoform	7.0	Not Detected	73	Not Detected
4-Ethyltoluene	7.0	Not Detected	35	Not Detected
Ethanol	28	Not Detected	53	Not Detected
Methyl tert-butyl ether	7.0	Not Detected	25	Not Detected
2,2,4-Trimethylpentane	7.0	Not Detected	33	Not Detected
3-Chloropropene	28	Not Detected	88	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-07-041304

ID#: 0404272-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042222**	**Date of Collection: 4/13/04**	
Dil. Factor:	**760**	**Date of Analysis: 4/22/04 11:52 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	380	Not Detected	1900	Not Detected
Freon 114	380	Not Detected	2700	Not Detected
Vinyl Chloride	380	Not Detected	990	Not Detected
Bromomethane	380	Not Detected	1500	Not Detected
Chloroethane	380	Not Detected	1000	Not Detected
Freon 11	380	28000	2200	160000
1,1-Dichloroethene	380	70000	1500	280000
Freon 113	380	41000	3000	320000
Methylene Chloride	380	Not Detected	1300	Not Detected
1,1-Dichloroethane	380	Not Detected	1600	Not Detected
cis-1,2-Dichloroethene	380	Not Detected	1500	Not Detected
Chloroform	380	Not Detected	1900	Not Detected
1,1,1-Trichloroethane	380	Not Detected	2100	Not Detected
Carbon Tetrachloride	380	Not Detected	2400	Not Detected
Benzene	380	Not Detected	1200	Not Detected
1,2-Dichloroethane	380	Not Detected	1600	Not Detected
Trichloroethene	380	32000	2100	170000
1,2-Dichloropropane	380	Not Detected	1800	Not Detected
cis-1,3-Dichloropropene	380	Not Detected	1800	Not Detected
Toluene	380	Not Detected	1400	Not Detected
trans-1,3-Dichloropropene	380	Not Detected	1800	Not Detected
1,1,2-Trichloroethane	380	Not Detected	2100	Not Detected
Tetrachloroethene	380	48000	2600	330000
1,2-Dibromoethane (EDB)	380	Not Detected	3000	Not Detected
Chlorobenzene	380	Not Detected	1800	Not Detected
Ethyl Benzene	380	Not Detected	1700	Not Detected
m,p-Xylene	380	Not Detected	1700	Not Detected
o-Xylene	380	Not Detected	1700	Not Detected
Styrene	380	Not Detected	1600	Not Detected
1,1,2,2-Tetrachloroethane	380	Not Detected	2600	Not Detected
1,3,5-Trimethylbenzene	380	Not Detected	1900	Not Detected
1,2,4-Trimethylbenzene	380	Not Detected	1900	Not Detected
1,3-Dichlorobenzene	380	Not Detected	2300	Not Detected
1,4-Dichlorobenzene	380	Not Detected	2300	Not Detected
alpha-Chlorotoluene	380	Not Detected	2000	Not Detected
1,2-Dichlorobenzene	380	Not Detected	2300	Not Detected
1,3-Butadiene	380	Not Detected	850	Not Detected
Hexane	380	Not Detected	1400	Not Detected
Cyclohexane	380	Not Detected	1300	Not Detected
Bromodichloromethane	380	Not Detected	2600	Not Detected
Dibromochloromethane	380	Not Detected	3300	Not Detected
Heptane	380	Not Detected	1600	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-12-07-041304

ID#: 0404272-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042222**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**760**	**Date of Analysis:**	**4/22/04 11:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	380	Not Detected	1900	Not Detected
Propylbenzene	380	Not Detected	1900	Not Detected
Chloromethane	1500	Not Detected	3200	Not Detected
1,2,4-Trichlorobenzene	1500	Not Detected	11000	Not Detected
Hexachlorobutadiene	1500	Not Detected	16000	Not Detected
Acetone	1500	Not Detected	3700	Not Detected
Carbon Disulfide	380	Not Detected	1200	Not Detected
2-Propanol	1500	Not Detected	3800	Not Detected
trans-1,2-Dichloroethene	380	Not Detected	1500	Not Detected
Vinyl Acetate	1500	Not Detected	5400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	380	Not Detected	1100	Not Detected
Tetrahydrofuran	380	Not Detected	1100	Not Detected
1,4-Dioxane	1500	Not Detected	5600	Not Detected
4-Methyl-2-pentanone	380	Not Detected	1600	Not Detected
2-Hexanone	1500	Not Detected	6300	Not Detected
Bromoform	380	Not Detected	4000	Not Detected
4-Ethyltoluene	380	Not Detected	1900	Not Detected
Ethanol	1500	Not Detected	2900	Not Detected
Methyl tert-butyl ether	380	Not Detected	1400	Not Detected
2,2,4-Trimethylpentane	380	Not Detected	1800	Not Detected
3-Chloropropene	1500	Not Detected	4800	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-07-041304

ID#: 0404272-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042223**	**Date of Collection: 4/13/04**	
Dil. Factor:	**730**	**Date of Analysis: 4/23/04 12:31 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	360	Not Detected	1800	Not Detected
Freon 114	360	Not Detected	2600	Not Detected
Vinyl Chloride	360	Not Detected	950	Not Detected
Bromomethane	360	Not Detected	1400	Not Detected
Chloroethane	360	Not Detected	980	Not Detected
Freon 11	360	28000	2100	160000
1,1-Dichloroethene	360	65000	1500	260000
Freon 113	360	44000	2800	340000
Methylene Chloride	360	Not Detected	1300	Not Detected
1,1-Dichloroethane	360	Not Detected	1500	Not Detected
cis-1,2-Dichloroethene	360	Not Detected	1500	Not Detected
Chloroform	360	Not Detected	1800	Not Detected
1,1,1-Trichloroethane	360	Not Detected	2000	Not Detected
Carbon Tetrachloride	360	Not Detected	2300	Not Detected
Benzene	360	Not Detected	1200	Not Detected
1,2-Dichloroethane	360	Not Detected	1500	Not Detected
Trichloroethene	360	26000	2000	140000
1,2-Dichloropropane	360	Not Detected	1700	Not Detected
cis-1,3-Dichloropropene	360	Not Detected	1700	Not Detected
Toluene	360	Not Detected	1400	Not Detected
trans-1,3-Dichloropropene	360	Not Detected	1700	Not Detected
1,1,2-Trichloroethane	360	Not Detected	2000	Not Detected
Tetrachloroethene	360	46000	2500	320000
1,2-Dibromoethane (EDB)	360	Not Detected	2800	Not Detected
Chlorobenzene	360	Not Detected	1700	Not Detected
Ethyl Benzene	360	Not Detected	1600	Not Detected
m,p-Xylene	360	Not Detected	1600	Not Detected
o-Xylene	360	Not Detected	1600	Not Detected
Styrene	360	Not Detected	1600	Not Detected
1,1,2,2-Tetrachloroethane	360	Not Detected	2500	Not Detected
1,3,5-Trimethylbenzene	360	Not Detected	1800	Not Detected
1,2,4-Trimethylbenzene	360	Not Detected	1800	Not Detected
1,3-Dichlorobenzene	360	Not Detected	2200	Not Detected
1,4-Dichlorobenzene	360	Not Detected	2200	Not Detected
alpha-Chlorotoluene	360	Not Detected	1900	Not Detected
1,2-Dichlorobenzene	360	Not Detected	2200	Not Detected
1,3-Butadiene	360	Not Detected	820	Not Detected
Hexane	360	Not Detected	1300	Not Detected
Cyclohexane	360	Not Detected	1300	Not Detected
Bromodichloromethane	360	Not Detected	2500	Not Detected
Dibromochloromethane	360	Not Detected	3200	Not Detected
Heptane	360	Not Detected	1500	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-06-07-041304

ID#: 0404272-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042223**	**Date of Collection:**	**4/13/04**
Dil. Factor:	**730**	**Date of Analysis:**	**4/23/04 12:31 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	360	Not Detected	1800	Not Detected
Propylbenzene	360	Not Detected	1800	Not Detected
Chloromethane	1500	Not Detected	3100	Not Detected
1,2,4-Trichlorobenzene	1500	Not Detected	11000	Not Detected
Hexachlorobutadiene	1500	Not Detected	16000	Not Detected
Acetone	1500	Not Detected	3500	Not Detected
Carbon Disulfide	360	Not Detected	1200	Not Detected
2-Propanol	1500	Not Detected	3600	Not Detected
trans-1,2-Dichloroethene	360	Not Detected	1500	Not Detected
Vinyl Acetate	1500	Not Detected	5200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	360	Not Detected	1100	Not Detected
Tetrahydrofuran	360	Not Detected	1100	Not Detected
1,4-Dioxane	1500	Not Detected	5300	Not Detected
4-Methyl-2-pentanone	360	Not Detected	1500	Not Detected
2-Hexanone	1500	Not Detected	6100	Not Detected
Bromoform	360	Not Detected	3800	Not Detected
4-Ethyltoluene	360	Not Detected	1800	Not Detected
Ethanol	1500	Not Detected	2800	Not Detected
Methyl tert-butyl ether	360	Not Detected	1300	Not Detected
2,2,4-Trimethylpentane	360	Not Detected	1700	Not Detected
3-Chloropropene	1500	Not Detected	4600	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-01-00-041304

ID#: 0404272-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042224**	**Date of Collection: 4/13/04**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/04 01:13 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: OC-SG-01-00-041304

ID#: 0404272-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042224**	**Date of Collection: 4/13/04**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/04 01:13 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404272-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 11:18 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404272-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 11:18 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404272-13B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/04 10:16 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404272-13B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/04 10:16 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404272-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 07:36 AM**	

Compound	%Recovery
Freon 12	106
Freon 114	102
Vinyl Chloride	102
Bromomethane	105
Chloroethane	90
Freon 11	95
1,1-Dichloroethene	90
Freon 113	97
Methylene Chloride	88
1,1-Dichloroethane	90
cis-1,2-Dichloroethene	91
Chloroform	99
1,1,1-Trichloroethane	102
Carbon Tetrachloride	106
Benzene	91
1,2-Dichloroethane	100
Trichloroethene	96
1,2-Dichloropropane	102
cis-1,3-Dichloropropene	104
Toluene	100
trans-1,3-Dichloropropene	105
1,1,2-Trichloroethane	104
Tetrachloroethene	106
1,2-Dibromoethane (EDB)	106
Chlorobenzene	102
Ethyl Benzene	104
m,p-Xylene	103
o-Xylene	101
Styrene	104
1,1,2,2-Tetrachloroethane	104
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	102
alpha-Chlorotoluene	104
1,2-Dichlorobenzene	100
1,3-Butadiene	94
Hexane	88
Cyclohexane	100
Bromodichloromethane	107
Dibromochloromethane	113
Heptane	101

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404272-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 07:36 AM**	

Compound	%Recovery
Cumene	98
Propylbenzene	100
Chloromethane	102
1,2,4-Trichlorobenzene	90
Hexachlorobutadiene	94
Acetone	82
Carbon Disulfide	87
2-Propanol	87
trans-1,2-Dichloroethene	88
Vinyl Acetate	86
2-Butanone (Methyl Ethyl Ketone)	95
Tetrahydrofuran	90
1,4-Dioxane	95
4-Methyl-2-pentanone	103
2-Hexanone	100
Bromoform	118
4-Ethyltoluene	100
Ethanol	89
Methyl tert-butyl ether	83
2,2,4-Trimethylpentane	98
3-Chloropropene	85

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404272-14B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/04 07:48 AM**	

Compound	%Recovery
Freon 12	104
Freon 114	100
Vinyl Chloride	101
Bromomethane	104
Chloroethane	87
Freon 11	93
1,1-Dichloroethene	88
Freon 113	96
Methylene Chloride	87
1,1-Dichloroethane	89
cis-1,2-Dichloroethene	93
Chloroform	97
1,1,1-Trichloroethane	101
Carbon Tetrachloride	106
Benzene	89
1,2-Dichloroethane	97
Trichloroethene	94
1,2-Dichloropropane	98
cis-1,3-Dichloropropene	101
Toluene	98
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	101
Tetrachloroethene	105
1,2-Dibromoethane (EDB)	105
Chlorobenzene	102
Ethyl Benzene	103
m,p-Xylene	103
o-Xylene	101
Styrene	102
1,1,2,2-Tetrachloroethane	102
1,3,5-Trimethylbenzene	95
1,2,4-Trimethylbenzene	95
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	99
1,2-Dichlorobenzene	96
1,3-Butadiene	93
Hexane	86
Cyclohexane	100
Bromodichloromethane	104
Dibromochloromethane	112
Heptane	99

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404272-14B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/04 07:48 AM**	

Compound	%Recovery
Cumene	97
Propylbenzene	98
Chloromethane	104
1,2,4-Trichlorobenzene	86
Hexachlorobutadiene	88
Acetone	80
Carbon Disulfide	85
2-Propanol	86
trans-1,2-Dichloroethene	87
Vinyl Acetate	83
2-Butanone (Methyl Ethyl Ketone)	92
Tetrahydrofuran	89
1,4-Dioxane	93
4-Methyl-2-pentanone	100
2-Hexanone	98
Bromoform	117
4-Ethyltoluene	99
Ethanol	83
Methyl tert-butyl ether	80
2,2,4-Trimethylpentane	97
3-Chloropropene	82

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404272-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 09:04 AM**	

Compound	%Recovery
Freon 12	119
Freon 114	110
Vinyl Chloride	118
Bromomethane	125
Chloroethane	127
Freon 11	106
1,1-Dichloroethene	97
Freon 113	102
Methylene Chloride	96
1,1-Dichloroethane	101
cis-1,2-Dichloroethene	100
Chloroform	110
1,1,1-Trichloroethane	123
Carbon Tetrachloride	126
Benzene	111
1,2-Dichloroethane	118
Trichloroethene	118
1,2-Dichloropropane	124
cis-1,3-Dichloropropene	128
Toluene	110
trans-1,3-Dichloropropene	130
1,1,2-Trichloroethane	118
Tetrachloroethene	116
1,2-Dibromoethane (EDB)	110
Chlorobenzene	113
Ethyl Benzene	112
m,p-Xylene	108
o-Xylene	105
Styrene	122
1,1,2,2-Tetrachloroethane	116
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	95
1,3-Dichlorobenzene	114
1,4-Dichlorobenzene	109
alpha-Chlorotoluene	159 Q
1,2-Dichlorobenzene	112
1,3-Butadiene	94
Hexane	105
Cyclohexane	118
Bromodichloromethane	120
Dibromochloromethane	122
Heptane	113

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404272-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 09:04 AM**	

Compound	%Recovery
Cumene	96
Propylbenzene	74
Chloromethane	115
1,2,4-Trichlorobenzene	80
Hexachlorobutadiene	80
Acetone	93
Carbon Disulfide	101
2-Propanol	118
trans-1,2-Dichloroethene	103
Vinyl Acetate	110
2-Butanone (Methyl Ethyl Ketone)	111
Tetrahydrofuran	114
1,4-Dioxane	116
4-Methyl-2-pentanone	117
2-Hexanone	109
Bromoform	108
4-Ethyltoluene	102
Ethanol	138
Methyl tert-butyl ether	103
2,2,4-Trimethylpentane	94
3-Chloropropene	81

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404272-15B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/04 08:27 AM**	

Compound	%Recovery
Freon 12	110
Freon 114	103
Vinyl Chloride	108
Bromomethane	116
Chloroethane	105
Freon 11	101
1,1-Dichloroethene	93
Freon 113	96
Methylene Chloride	92
1,1-Dichloroethane	96
cis-1,2-Dichloroethene	96
Chloroform	105
1,1,1-Trichloroethane	117
Carbon Tetrachloride	121
Benzene	104
1,2-Dichloroethane	109
Trichloroethene	108
1,2-Dichloropropane	117
cis-1,3-Dichloropropene	120
Toluene	104
trans-1,3-Dichloropropene	124
1,1,2-Trichloroethane	109
Tetrachloroethene	107
1,2-Dibromoethane (EDB)	103
Chlorobenzene	104
Ethyl Benzene	102
m,p-Xylene	98
o-Xylene	96
Styrene	113
1,1,2,2-Tetrachloroethane	107
1,3,5-Trimethylbenzene	91
1,2,4-Trimethylbenzene	86
1,3-Dichlorobenzene	103
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	149 Q
1,2-Dichlorobenzene	102
1,3-Butadiene	88
Hexane	100
Cyclohexane	112
Bromodichloromethane	114
Dibromochloromethane	115
Heptane	107

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404272-15B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d042203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/04 08:27 AM**	

Compound	%Recovery
Cumene	89
Propylbenzene	68
Chloromethane	106
1,2,4-Trichlorobenzene	72
Hexachlorobutadiene	70
Acetone	89
Carbon Disulfide	98
2-Propanol	116
trans-1,2-Dichloroethene	99
Vinyl Acetate	110
2-Butanone (Methyl Ethyl Ketone)	104
Tetrahydrofuran	110
1,4-Dioxane	107
4-Methyl-2-pentanone	111
2-Hexanone	104
Bromoform	101
4-Ethyltoluene	94
Ethanol	131
Methyl tert-butyl ether	98
2,2,4-Trimethylpentane	90
3-Chloropropene	78

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	104	70-130

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific
E-mail to:samplereceiving@airtoxics.com

WORK ORDER #: 0411294B

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	Omega
DATE RECEIVED:	11/16/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	11/21/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
18A	UC-1	Modified TO-15/TICs	1.5 "Hg
19A	UC-2	Modified TO-15/TICs	0.5 "Hg
20A	UC-3	Modified TO-15/TICs	0.5 "Hg
21A	UC-4B	Modified TO-15/TICs	0.5 "Hg
22A	UC-5	Modified TO-15/TICs	2.5 "Hg
23A	UC-6	Modified TO-15/TICs	1.5 "Hg
24A	UC-7	Modified TO-15/TICs	2.5 "Hg
25A	UC-8	Modified TO-15/TICs	1.5 "Hg
26A	UC-9	Modified TO-15/TICs	2.5 "Hg
27A	UC-10	Modified TO-15/TICs	2.0 "Hg
27AA	UC-10 Duplicate	Modified TO-15/TICs	2.0 "Hg
28A	UC-11	Modified TO-15/TICs	0.5 "Hg
29A	UC-12	Modified TO-15/TICs	0.5 "Hg
30A	UC-2-Dup	Modified TO-15/TICs	0.5 "Hg
31A	UC-5-Dup	Modified TO-15/TICs	1.5 "Hg
32A	TRIP BLANK	Modified TO-15/TICs	4.2 psi
33A	Lab Blank	Modified TO-15/TICs	NA

Continued on next page

WORK ORDER #: 0411294B

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	Omega
DATE RECEIVED:	11/16/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	11/21/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
33B	Lab Blank	Modified TO-15/TICs	NA
33C	Lab Blank	Modified TO-15/TICs	NA
33D	Lab Blank	Modified TO-15/TICs	NA
34A	CCV	Modified TO-15/TICs	NA
34B	CCV	Modified TO-15/TICs	NA
34C	CCV	Modified TO-15/TICs	NA
34D	CCV	Modified TO-15/TICs	NA
35A	LCS	Modified TO-15/TICs	NA
35B	LCS	Modified TO-15/TICs	NA
35C	LCS	Modified TO-15/TICs	NA
35D	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda D. Truman DATE: 11/22/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0411294B

Fourteen 6 Liter Summa Canister and One 6 Liter Summa Canister (100% Certified) samples were received on November 16, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases. A list of these compounds is available.

Receiving Notes

The Chain of Custody (COC) information for samples UC-4B, UC-8, UC-11 and UC-12 did not match the entries on the sample tags with regard to sample identification. The discrepancy was noted in the Sample Receipt Confirmation email/fax and the information on the COC was used to process and report the samples.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: UC-1

ID#: 0411294B-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111817**	**Date of Collection: 11/12/04**	
Dil. Factor:	**2.82**	**Date of Analysis: 11/18/04 05:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.4	Not Detected	7.0	Not Detected
Freon 114	1.4	Not Detected	9.8	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
Bromomethane	1.4	Not Detected	5.5	Not Detected
Chloroethane	1.4	Not Detected	3.7	Not Detected
Freon 11	1.4	280	7.9	1600
1,1-Dichloroethene	1.4	240	5.6	960
Freon 113	1.4	430	11	3300
Methylene Chloride	1.4	Not Detected	4.9	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Chloroform	1.4	5.4	6.9	26
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
Benzene	1.4	3.3	4.5	10
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Trichloroethene	1.4	40	7.6	220
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
Toluene	1.4	14	5.3	54
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	170	9.6	1200
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.5	Not Detected
Ethyl Benzene	1.4	1.8	6.1	7.8
m,p-Xylene	1.4	6.5	6.1	28
o-Xylene	1.4	2.5	6.1	11
Styrene	1.4	Not Detected	6.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,2,4-Trimethylbenzene	1.4	2.0	6.9	9.7
1,3-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.3	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Hexane	1.4	Not Detected	5.0	Not Detected
Cyclohexane	1.4	Not Detected	4.8	Not Detected
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
Dibromochloromethane	1.4	Not Detected	12	Not Detected
Heptane	1.4	Not Detected	5.8	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-1

ID#: 0411294B-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111817**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**2.82**	**Date of Analysis:**	**11/18/04 05:59 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1.4	Not Detected	6.9	Not Detected
Propylbenzene	1.4	Not Detected	6.9	Not Detected
Chloromethane	5.6	Not Detected	12	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	42	Not Detected
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Acetone	5.6	94	13	220
Carbon Disulfide	1.4	Not Detected	4.4	Not Detected
2-Propanol	5.6	Not Detected	14	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.4	Not Detected	4.2	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
2-Hexanone	5.6	Not Detected	23	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
4-Ethyltoluene	1.4	1.8	6.9	8.8
Ethanol	5.6	Not Detected	11	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
2,2,4-Trimethylpentane	1.4	3.1	6.6	14
3-Chloropropene	5.6	Not Detected	18	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	91%	64 N J
Decane, 4-methyl-	2847-72-5	58%	53 N J
Unknown	NA	NA	130 J
Undecane, 3,8-dimethyl-	17301-30-3	64%	70 N J
Cyclohexane, pentyl-	4292-92-6	83%	72 N J
Unknown	NA	NA	74 J
Decane, 2,2,8-trimethyl-	62238-01-1	64%	110 N J
Naphthalene, decahydro-	91-17-8	86%	87 N J
Unknown	NA	NA	52 J
5-Undecene, 8-methyl-, (E)-	39546-85-5	50%	81 N J

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: UC-1

ID#: 0411294B-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111817**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**2.82**	**Date of Analysis:**	**11/18/04 05:59 PM**

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	118	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-2

ID#: 0411294B-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111818**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**13.6**	**Date of Analysis:**	**11/18/04 07:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.8	Not Detected	34	Not Detected
Freon 114	6.8	Not Detected	48	Not Detected
Vinyl Chloride	6.8	Not Detected	17	Not Detected
Bromomethane	6.8	Not Detected	26	Not Detected
Chloroethane	6.8	Not Detected	18	Not Detected
Freon 11	6.8	170	38	950
1,1-Dichloroethene	6.8	990	27	3900
Freon 113	6.8	460	52	3500
Methylene Chloride	6.8	Not Detected	24	Not Detected
1,1-Dichloroethane	6.8	Not Detected	28	Not Detected
cis-1,2-Dichloroethene	6.8	Not Detected	27	Not Detected
Chloroform	6.8	15	33	72
1,1,1-Trichloroethane	6.8	26	37	140
Carbon Tetrachloride	6.8	Not Detected	43	Not Detected
Benzene	6.8	Not Detected	22	Not Detected
1,2-Dichloroethane	6.8	Not Detected	28	Not Detected
Trichloroethene	6.8	62	36	340
1,2-Dichloropropane	6.8	Not Detected	31	Not Detected
cis-1,3-Dichloropropene	6.8	Not Detected	31	Not Detected
Toluene	6.8	14	26	54
trans-1,3-Dichloropropene	6.8	Not Detected	31	Not Detected
1,1,2-Trichloroethane	6.8	Not Detected	37	Not Detected
Tetrachloroethene	6.8	1600	46	10000
1,2-Dibromoethane (EDB)	6.8	Not Detected	52	Not Detected
Chlorobenzene	6.8	Not Detected	31	Not Detected
Ethyl Benzene	6.8	Not Detected	30	Not Detected
m,p-Xylene	6.8	Not Detected	30	Not Detected
o-Xylene	6.8	Not Detected	30	Not Detected
Styrene	6.8	Not Detected	29	Not Detected
1,1,2,2-Tetrachloroethane	6.8	Not Detected	47	Not Detected
1,3,5-Trimethylbenzene	6.8	Not Detected	33	Not Detected
1,2,4-Trimethylbenzene	6.8	Not Detected	33	Not Detected
1,3-Dichlorobenzene	6.8	Not Detected	41	Not Detected
1,4-Dichlorobenzene	6.8	Not Detected	41	Not Detected
alpha-Chlorotoluene	6.8	Not Detected	35	Not Detected
1,2-Dichlorobenzene	6.8	Not Detected	41	Not Detected
1,3-Butadiene	6.8	Not Detected	15	Not Detected
Hexane	6.8	Not Detected	24	Not Detected
Cyclohexane	6.8	Not Detected	23	Not Detected
Bromodichloromethane	6.8	Not Detected	46	Not Detected
Dibromochloromethane	6.8	Not Detected	58	Not Detected
Heptane	6.8	Not Detected	28	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-2

ID#: 0411294B-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111818**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**13.6**	**Date of Analysis:**	**11/18/04 07:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	6.8	Not Detected	33	Not Detected
Propylbenzene	6.8	Not Detected	33	Not Detected
Chloromethane	27	Not Detected	56	Not Detected
1,2,4-Trichlorobenzene	27	Not Detected	200	Not Detected
Hexachlorobutadiene	27	Not Detected	290	Not Detected
Acetone	27	34	65	81
Carbon Disulfide	6.8	Not Detected	21	Not Detected
2-Propanol	27	Not Detected	67	Not Detected
trans-1,2-Dichloroethene	6.8	Not Detected	27	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.8	Not Detected	20	Not Detected
Tetrahydrofuran	6.8	Not Detected	20	Not Detected
1,4-Dioxane	27	Not Detected	98	Not Detected
4-Methyl-2-pentanone	6.8	Not Detected	28	Not Detected
2-Hexanone	27	Not Detected	110	Not Detected
Bromoform	6.8	Not Detected	70	Not Detected
4-Ethyltoluene	6.8	Not Detected	33	Not Detected
Ethanol	27	Not Detected	51	Not Detected
Methyl tert-butyl ether	6.8	Not Detected	24	Not Detected
2,2,4-Trimethylpentane	6.8	7.8	32	36
3-Chloropropene	27	Not Detected	85	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene, 2-methyl-	115-11-7	64%	61 N J
Heptane, 2,2,4-trimethyl-	14720-74-2	64%	35 N J
Unknown	NA	NA	47 J
Unknown	NA	NA	75 J
Hexadecane, 7,9-dimethyl-	21164-95-4	64%	41 N J
Hexane, 2,2,3-trimethyl-	16747-25-4	59%	52 N J
Naphthalene, decahydro-, trans-	493-02-7	87%	49 N J
5-Undecene, 9-methyl-, (Z)-	74630-65-2	55%	41 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	110	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-3

ID#: 0411294B-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111819**	**Date of Collection: 11/12/04**	
Dil. Factor:	**90.7**	**Date of Analysis: 11/18/04 09:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	45	Not Detected	220	Not Detected
Freon 114	45	Not Detected	320	Not Detected
Vinyl Chloride	45	Not Detected	120	Not Detected
Bromomethane	45	Not Detected	180	Not Detected
Chloroethane	45	Not Detected	120	Not Detected
Freon 11	45	2000	250	12000
1,1-Dichloroethene	45	4300	180	17000
Freon 113	45	14000	350	110000
Methylene Chloride	45	Not Detected	160	Not Detected
1,1-Dichloroethane	45	Not Detected	180	Not Detected
cis-1,2-Dichloroethene	45	Not Detected	180	Not Detected
Chloroform	45	75	220	370
1,1,1-Trichloroethane	45	290	250	1600
Carbon Tetrachloride	45	Not Detected	280	Not Detected
Benzene	45	Not Detected	140	Not Detected
1,2-Dichloroethane	45	Not Detected	180	Not Detected
Trichloroethene	45	400	240	2100
1,2-Dichloropropane	45	Not Detected	210	Not Detected
cis-1,3-Dichloropropene	45	Not Detected	200	Not Detected
Toluene	45	49	170	180
trans-1,3-Dichloropropene	45	Not Detected	200	Not Detected
1,1,2-Trichloroethane	45	Not Detected	250	Not Detected
Tetrachloroethene	45	12000	310	81000
1,2-Dibromoethane (EDB)	45	Not Detected	350	Not Detected
Chlorobenzene	45	Not Detected	210	Not Detected
Ethyl Benzene	45	Not Detected	200	Not Detected
m,p-Xylene	45	Not Detected	200	Not Detected
o-Xylene	45	Not Detected	200	Not Detected
Styrene	45	Not Detected	190	Not Detected
1,1,2,2-Tetrachloroethane	45	Not Detected	310	Not Detected
1,3,5-Trimethylbenzene	45	Not Detected	220	Not Detected
1,2,4-Trimethylbenzene	45	Not Detected	220	Not Detected
1,3-Dichlorobenzene	45	Not Detected	270	Not Detected
1,4-Dichlorobenzene	45	Not Detected	270	Not Detected
alpha-Chlorotoluene	45	Not Detected	230	Not Detected
1,2-Dichlorobenzene	45	Not Detected	270	Not Detected
1,3-Butadiene	45	Not Detected	100	Not Detected
Hexane	45	Not Detected	160	Not Detected
Cyclohexane	45	Not Detected	160	Not Detected
Bromodichloromethane	45	Not Detected	300	Not Detected
Dibromochloromethane	45	Not Detected	390	Not Detected
Heptane	45	Not Detected	180	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-3

ID#: 0411294B-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111819**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**90.7**	**Date of Analysis:**	**11/18/04 09:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	45	Not Detected	220	Not Detected
Propylbenzene	45	Not Detected	220	Not Detected
Chloromethane	180	Not Detected	370	Not Detected
1,2,4-Trichlorobenzene	180	Not Detected	1300	Not Detected
Hexachlorobutadiene	180	Not Detected	1900	Not Detected
Acetone	180	Not Detected	430	Not Detected
Carbon Disulfide	45	Not Detected	140	Not Detected
2-Propanol	180	Not Detected	440	Not Detected
trans-1,2-Dichloroethene	45	Not Detected	180	Not Detected
2-Butanone (Methyl Ethyl Ketone)	45	Not Detected	130	Not Detected
Tetrahydrofuran	45	Not Detected	130	Not Detected
1,4-Dioxane	180	Not Detected	650	Not Detected
4-Methyl-2-pentanone	45	Not Detected	180	Not Detected
2-Hexanone	180	Not Detected	740	Not Detected
Bromoform	45	Not Detected	470	Not Detected
4-Ethyltoluene	45	Not Detected	220	Not Detected
Ethanol	180	Not Detected	340	Not Detected
Methyl tert-butyl ether	45	Not Detected	160	Not Detected
2,2,4-Trimethylpentane	45	Not Detected	210	Not Detected
3-Chloropropene	180	Not Detected	570	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene, 2-methyl-	115-11-7	80%	310 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	1100 N J
Unknown	NA	NA	250 J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-4B

ID#: 0411294B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111821**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**4.53**	**Date of Analysis:**	**11/19/04 12:32 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.3	2.8	11	14
Freon 114	2.3	Not Detected	16	Not Detected
Vinyl Chloride	2.3	Not Detected	5.8	Not Detected
Bromomethane	2.3	Not Detected	8.8	Not Detected
Chloroethane	2.3	Not Detected	6.0	Not Detected
Freon 11	2.3	350	13	2000
1,1-Dichloroethene	2.3	690	9.0	2700
Freon 113	2.3	650	17	5000
Methylene Chloride	2.3	Not Detected	7.9	Not Detected
1,1-Dichloroethane	2.3	Not Detected	9.2	Not Detected
cis-1,2-Dichloroethene	2.3	Not Detected	9.0	Not Detected
Chloroform	2.3	2.5	11	12
1,1,1-Trichloroethane	2.3	Not Detected	12	Not Detected
Carbon Tetrachloride	2.3	Not Detected	14	Not Detected
Benzene	2.3	Not Detected	7.2	Not Detected
1,2-Dichloroethane	2.3	Not Detected	9.2	Not Detected
Trichloroethene	2.3	36	12	190
1,2-Dichloropropane	2.3	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	2.3	Not Detected	10	Not Detected
Toluene	2.3	9.0	8.5	34
trans-1,3-Dichloropropene	2.3	Not Detected	10	Not Detected
1,1,2-Trichloroethane	2.3	Not Detected	12	Not Detected
Tetrachloroethene	2.3	440	15	3000
1,2-Dibromoethane (EDB)	2.3	Not Detected	17	Not Detected
Chlorobenzene	2.3	Not Detected	10	Not Detected
Ethyl Benzene	2.3	Not Detected	9.8	Not Detected
m,p-Xylene	2.3	5.0	9.8	22
o-Xylene	2.3	Not Detected	9.8	Not Detected
Styrene	2.3	Not Detected	9.6	Not Detected
1,1,2,2-Tetrachloroethane	2.3	Not Detected	16	Not Detected
1,3,5-Trimethylbenzene	2.3	Not Detected	11	Not Detected
1,2,4-Trimethylbenzene	2.3	3.0	11	15
1,3-Dichlorobenzene	2.3	Not Detected	14	Not Detected
1,4-Dichlorobenzene	2.3	Not Detected	14	Not Detected
alpha-Chlorotoluene	2.3	Not Detected	12	Not Detected
1,2-Dichlorobenzene	2.3	Not Detected	14	Not Detected
1,3-Butadiene	2.3	Not Detected	5.0	Not Detected
Hexane	2.3	Not Detected	8.0	Not Detected
Cyclohexane	2.3	Not Detected	7.8	Not Detected
Bromodichloromethane	2.3	Not Detected	15	Not Detected
Dibromochloromethane	2.3	Not Detected	19	Not Detected
Heptane	2.3	Not Detected	9.3	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-4B

ID#: 0411294B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111821**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**4.53**	**Date of Analysis:**	**11/19/04 12:32 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	2.3	Not Detected	11	Not Detected
Propylbenzene	2.3	Not Detected	11	Not Detected
Chloromethane	9.1	Not Detected	19	Not Detected
1,2,4-Trichlorobenzene	9.1	Not Detected	67	Not Detected
Hexachlorobutadiene	9.1	Not Detected	97	Not Detected
Acetone	9.1	62	22	150
Carbon Disulfide	2.3	3.6	7.0	11
2-Propanol	9.1	Not Detected	22	Not Detected
trans-1,2-Dichloroethene	2.3	Not Detected	9.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.3	2.6	6.7	7.6
Tetrahydrofuran	2.3	Not Detected	6.7	Not Detected
1,4-Dioxane	9.1	Not Detected	33	Not Detected
4-Methyl-2-pentanone	2.3	Not Detected	9.3	Not Detected
2-Hexanone	9.1	Not Detected	37	Not Detected
Bromoform	2.3	Not Detected	23	Not Detected
4-Ethyltoluene	2.3	2.4	11	12
Ethanol	9.1	Not Detected	17	Not Detected
Methyl tert-butyl ether	2.3	Not Detected	8.2	Not Detected
2,2,4-Trimethylpentane	2.3	4.2	10	20
3-Chloropropene	9.1	Not Detected	28	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene, 2-methyl-	115-11-7	64%	45 N J
Nonane, 2,6-dimethyl-	17302-28-2	53%	34 N J
Unknown	NA	NA	90 J
Decane, 2,3,5-trimethyl-	62238-11-3	59%	50 N J
Cyclohexane, 1,1'-(1,3-propanediyl)bis-	3178-24-3	81%	52 N J
Decane, 2,9-dimethyl-	1002-17-1	64%	34 N J
Decane, 2,2,8-trimethyl-	62238-01-1	53%	74 N J
Naphthalene, decahydro-	91-17-8	90%	69 N J
Unknown	NA	NA	64 J
Cyclohexane, pentyl-	4292-92-6	68%	39 N J

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: UC-4B

ID#: 0411294B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111821**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**4.53**	**Date of Analysis:**	**11/19/04 12:32 AM**

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	115	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-5

ID#: 0411294B-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111917**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**292**	**Date of Analysis:**	**11/19/04 06:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	150	Not Detected	720	Not Detected
Freon 114	150	Not Detected	1000	Not Detected
Vinyl Chloride	150	Not Detected	370	Not Detected
Bromomethane	150	Not Detected	570	Not Detected
Chloroethane	150	Not Detected	380	Not Detected
Freon 11	150	4300	820	24000
1,1-Dichloroethene	150	14000	580	54000
Freon 113	150	38000	1100	290000
Methylene Chloride	150	Not Detected	510	Not Detected
1,1-Dichloroethane	150	Not Detected	590	Not Detected
cis-1,2-Dichloroethene	150	Not Detected	580	Not Detected
Chloroform	150	240	710	1200
1,1,1-Trichloroethane	150	750	800	4100
Carbon Tetrachloride	150	Not Detected	920	Not Detected
Benzene	150	Not Detected	470	Not Detected
1,2-Dichloroethane	150	Not Detected	590	Not Detected
Trichloroethene	150	680	780	3700
1,2-Dichloropropane	150	Not Detected	670	Not Detected
cis-1,3-Dichloropropene	150	Not Detected	660	Not Detected
Toluene	150	Not Detected	550	Not Detected
trans-1,3-Dichloropropene	150	Not Detected	660	Not Detected
1,1,2-Trichloroethane	150	Not Detected	800	Not Detected
Tetrachloroethene	150	38000	990	250000
1,2-Dibromoethane (EDB)	150	Not Detected	1100	Not Detected
Chlorobenzene	150	Not Detected	670	Not Detected
Ethyl Benzene	150	Not Detected	630	Not Detected
m,p-Xylene	150	Not Detected	630	Not Detected
o-Xylene	150	Not Detected	630	Not Detected
Styrene	150	Not Detected	620	Not Detected
1,1,2,2-Tetrachloroethane	150	Not Detected	1000	Not Detected
1,3,5-Trimethylbenzene	150	Not Detected	720	Not Detected
1,2,4-Trimethylbenzene	150	Not Detected	720	Not Detected
1,3-Dichlorobenzene	150	Not Detected	880	Not Detected
1,4-Dichlorobenzene	150	Not Detected	880	Not Detected
alpha-Chlorotoluene	150	Not Detected	760	Not Detected
1,2-Dichlorobenzene	150	Not Detected	880	Not Detected
1,3-Butadiene	150	Not Detected	320	Not Detected
Hexane	150	Not Detected	510	Not Detected
Cyclohexane	150	Not Detected	500	Not Detected
Bromodichloromethane	150	Not Detected	980	Not Detected
Dibromochloromethane	150	Not Detected	1200	Not Detected
Heptane	150	Not Detected	600	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-5

ID#: 0411294B-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111917**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**292**	**Date of Analysis:**	**11/19/04 06:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	150	Not Detected	720	Not Detected
Propylbenzene	150	Not Detected	720	Not Detected
Chloromethane	580	Not Detected	1200	Not Detected
1,2,4-Trichlorobenzene	580	Not Detected	4300	Not Detected
Hexachlorobutadiene	580	Not Detected	6200	Not Detected
Acetone	580	Not Detected	1400	Not Detected
Carbon Disulfide	150	Not Detected	450	Not Detected
2-Propanol	580	Not Detected	1400	Not Detected
trans-1,2-Dichloroethene	150	Not Detected	580	Not Detected
2-Butanone (Methyl Ethyl Ketone)	150	Not Detected	430	Not Detected
Tetrahydrofuran	150	Not Detected	430	Not Detected
1,4-Dioxane	580	Not Detected	2100	Not Detected
4-Methyl-2-pentanone	150	Not Detected	600	Not Detected
2-Hexanone	580	Not Detected	2400	Not Detected
Bromoform	150	Not Detected	1500	Not Detected
4-Ethyltoluene	150	Not Detected	720	Not Detected
Ethanol	580	Not Detected	1100	Not Detected
Methyl tert-butyl ether	150	Not Detected	530	Not Detected
2,2,4-Trimethylpentane	150	Not Detected	680	Not Detected
3-Chloropropene	580	Not Detected	1800	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene, 2-methyl-	115-11-7	72%	1000 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	3400 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-6

ID#: 0411294B-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111918**	**Date of Collection: 11/12/04**	
Dil. Factor:	**1410**	**Date of Analysis: 11/19/04 07:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	700	Not Detected	3500	Not Detected
Freon 114	700	Not Detected	4900	Not Detected
Vinyl Chloride	700	Not Detected	1800	Not Detected
Bromomethane	700	Not Detected	2700	Not Detected
Chloroethane	700	Not Detected	1900	Not Detected
Freon 11	700	2500	4000	14000
1,1-Dichloroethene	700	14000	2800	55000
Freon 113	700	22000	5400	160000
Methylene Chloride	700	Not Detected	2400	Not Detected
1,1-Dichloroethane	700	1400	2800	5800
cis-1,2-Dichloroethene	700	Not Detected	2800	Not Detected
Chloroform	700	1700	3400	8300
1,1,1-Trichloroethane	700	46000	3800	250000
Carbon Tetrachloride	700	Not Detected	4400	Not Detected
Benzene	700	Not Detected	2200	Not Detected
1,2-Dichloroethane	700	Not Detected	2800	Not Detected
Trichloroethene	700	12000	3800	66000
1,2-Dichloropropane	700	Not Detected	3200	Not Detected
cis-1,3-Dichloropropene	700	Not Detected	3200	Not Detected
Toluene	700	Not Detected	2600	Not Detected
trans-1,3-Dichloropropene	700	Not Detected	3200	Not Detected
1,1,2-Trichloroethane	700	Not Detected	3800	Not Detected
Tetrachloroethene	700	240000	4800	1600000
1,2-Dibromoethane (EDB)	700	Not Detected	5400	Not Detected
Chlorobenzene	700	Not Detected	3200	Not Detected
Ethyl Benzene	700	Not Detected	3100	Not Detected
m,p-Xylene	700	Not Detected	3100	Not Detected
o-Xylene	700	Not Detected	3100	Not Detected
Styrene	700	Not Detected	3000	Not Detected
1,1,2,2-Tetrachloroethane	700	Not Detected	4800	Not Detected
1,3,5-Trimethylbenzene	700	Not Detected	3500	Not Detected
1,2,4-Trimethylbenzene	700	Not Detected	3500	Not Detected
1,3-Dichlorobenzene	700	Not Detected	4200	Not Detected
1,4-Dichlorobenzene	700	Not Detected	4200	Not Detected
alpha-Chlorotoluene	700	Not Detected	3600	Not Detected
1,2-Dichlorobenzene	700	Not Detected	4200	Not Detected
1,3-Butadiene	700	Not Detected	1600	Not Detected
Hexane	700	Not Detected	2500	Not Detected
Cyclohexane	700	Not Detected	2400	Not Detected
Bromodichloromethane	700	Not Detected	4700	Not Detected
Dibromochloromethane	700	Not Detected	6000	Not Detected
Heptane	700	Not Detected	2900	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-6

ID#: 0411294B-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111918**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**1410**	**Date of Analysis:**	**11/19/04 07:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	700	Not Detected	3500	Not Detected
Propylbenzene	700	Not Detected	3500	Not Detected
Chloromethane	2800	Not Detected	5800	Not Detected
1,2,4-Trichlorobenzene	2800	Not Detected	21000	Not Detected
Hexachlorobutadiene	2800	Not Detected	30000	Not Detected
Acetone	2800	Not Detected	6700	Not Detected
Carbon Disulfide	700	Not Detected	2200	Not Detected
2-Propanol	2800	Not Detected	6900	Not Detected
trans-1,2-Dichloroethene	700	Not Detected	2800	Not Detected
2-Butanone (Methyl Ethyl Ketone)	700	Not Detected	2100	Not Detected
Tetrahydrofuran	700	Not Detected	2100	Not Detected
1,4-Dioxane	2800	Not Detected	10000	Not Detected
4-Methyl-2-pentanone	700	Not Detected	2900	Not Detected
2-Hexanone	2800	Not Detected	12000	Not Detected
Bromoform	700	Not Detected	7300	Not Detected
4-Ethyltoluene	700	Not Detected	3500	Not Detected
Ethanol	2800	Not Detected	5300	Not Detected
Methyl tert-butyl ether	700	Not Detected	2500	Not Detected
2,2,4-Trimethylpentane	700	Not Detected	3300	Not Detected
3-Chloropropene	2800	Not Detected	8800	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene, 2-methyl-	115-11-7	50%	3600 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-7

ID#: 0411294B-24A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111919**	**Date of Collection: 11/12/04**	
Dil. Factor:	**1950**	**Date of Analysis: 11/19/04 08:03 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	980	Not Detected	4800	Not Detected
Freon 114	980	Not Detected	6800	Not Detected
Vinyl Chloride	980	Not Detected	2500	Not Detected
Bromomethane	980	Not Detected	3800	Not Detected
Chloroethane	980	Not Detected	2600	Not Detected
Freon 11	980	1700	5500	9500
1,1-Dichloroethene	980	9700	3900	38000
Freon 113	980	9300	7500	72000
Methylene Chloride	980	Not Detected	3400	Not Detected
1,1-Dichloroethane	980	1800	3900	7200
cis-1,2-Dichloroethene	980	Not Detected	3900	Not Detected
Chloroform	980	1700	4800	8400
1,1,1-Trichloroethane	980	24000	5300	130000
Carbon Tetrachloride	980	Not Detected	6100	Not Detected
Benzene	980	Not Detected	3100	Not Detected
1,2-Dichloroethane	980	Not Detected	3900	Not Detected
Trichloroethene	980	9300	5200	50000
1,2-Dichloropropane	980	Not Detected	4500	Not Detected
cis-1,3-Dichloropropene	980	Not Detected	4400	Not Detected
Toluene	980	Not Detected	3700	Not Detected
trans-1,3-Dichloropropene	980	Not Detected	4400	Not Detected
1,1,2-Trichloroethane	980	Not Detected	5300	Not Detected
Tetrachloroethene	980	270000	6600	1800000
1,2-Dibromoethane (EDB)	980	Not Detected	7500	Not Detected
Chlorobenzene	980	Not Detected	4500	Not Detected
Ethyl Benzene	980	Not Detected	4200	Not Detected
m,p-Xylene	980	Not Detected	4200	Not Detected
o-Xylene	980	Not Detected	4200	Not Detected
Styrene	980	Not Detected	4200	Not Detected
1,1,2,2-Tetrachloroethane	980	Not Detected	6700	Not Detected
1,3,5-Trimethylbenzene	980	Not Detected	4800	Not Detected
1,2,4-Trimethylbenzene	980	Not Detected	4800	Not Detected
1,3-Dichlorobenzene	980	Not Detected	5900	Not Detected
1,4-Dichlorobenzene	980	Not Detected	5900	Not Detected
alpha-Chlorotoluene	980	Not Detected	5000	Not Detected
1,2-Dichlorobenzene	980	Not Detected	5900	Not Detected
1,3-Butadiene	980	Not Detected	2200	Not Detected
Hexane	980	Not Detected	3400	Not Detected
Cyclohexane	980	Not Detected	3400	Not Detected
Bromodichloromethane	980	Not Detected	6500	Not Detected
Dibromochloromethane	980	Not Detected	8300	Not Detected
Heptane	980	Not Detected	4000	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-7

ID#: 0411294B-24A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111919**	**Date of Collection: 11/12/04**	
Dil. Factor:	**1950**	**Date of Analysis: 11/19/04 08:03 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	980	Not Detected	4800	Not Detected
Propylbenzene	980	Not Detected	4800	Not Detected
Chloromethane	3900	Not Detected	8000	Not Detected
1,2,4-Trichlorobenzene	3900	Not Detected	29000	Not Detected
Hexachlorobutadiene	3900	Not Detected	42000	Not Detected
Acetone	3900	Not Detected	9300	Not Detected
Carbon Disulfide	980	Not Detected	3000	Not Detected
2-Propanol	3900	Not Detected	9600	Not Detected
trans-1,2-Dichloroethene	980	Not Detected	3900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	980	Not Detected	2900	Not Detected
Tetrahydrofuran	980	Not Detected	2900	Not Detected
1,4-Dioxane	3900	Not Detected	14000	Not Detected
4-Methyl-2-pentanone	980	Not Detected	4000	Not Detected
2-Hexanone	3900	Not Detected	16000	Not Detected
Bromoform	980	Not Detected	10000	Not Detected
4-Ethyltoluene	980	Not Detected	4800	Not Detected
Ethanol	3900	Not Detected	7300	Not Detected
Methyl tert-butyl ether	980	Not Detected	3500	Not Detected
2,2,4-Trimethylpentane	980	Not Detected	4600	Not Detected
3-Chloropropene	3900	Not Detected	12000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-8

ID#: 0411294B-25A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111925**	**Date of Collection: 11/12/04**	
Dil. Factor:	**705**	**Date of Analysis: 11/20/04 05:40 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	350	Not Detected	1700	Not Detected
Freon 114	350	Not Detected	2500	Not Detected
Vinyl Chloride	350	Not Detected	900	Not Detected
Bromomethane	350	Not Detected	1400	Not Detected
Chloroethane	350	Not Detected	930	Not Detected
Freon 11	350	13000	2000	74000
1,1-Dichloroethene	350	62000	1400	240000
Freon 113	350	44000	2700	340000
Methylene Chloride	350	Not Detected	1200	Not Detected
1,1-Dichloroethane	350	Not Detected	1400	Not Detected
cis-1,2-Dichloroethene	350	Not Detected	1400	Not Detected
Chloroform	350	Not Detected	1700	Not Detected
1,1,1-Trichloroethane	350	Not Detected	1900	Not Detected
Carbon Tetrachloride	350	Not Detected	2200	Not Detected
Benzene	350	Not Detected	1100	Not Detected
1,2-Dichloroethane	350	Not Detected	1400	Not Detected
Trichloroethene	350	2900	1900	16000
1,2-Dichloropropane	350	Not Detected	1600	Not Detected
cis-1,3-Dichloropropene	350	Not Detected	1600	Not Detected
Toluene	350	Not Detected	1300	Not Detected
trans-1,3-Dichloropropene	350	Not Detected	1600	Not Detected
1,1,2-Trichloroethane	350	Not Detected	1900	Not Detected
Tetrachloroethene	350	66000	2400	440000
1,2-Dibromoethane (EDB)	350	Not Detected	2700	Not Detected
Chlorobenzene	350	Not Detected	1600	Not Detected
Ethyl Benzene	350	Not Detected	1500	Not Detected
m,p-Xylene	350	Not Detected	1500	Not Detected
o-Xylene	350	Not Detected	1500	Not Detected
Styrene	350	Not Detected	1500	Not Detected
1,1,2,2-Tetrachloroethane	350	Not Detected	2400	Not Detected
1,3,5-Trimethylbenzene	350	Not Detected	1700	Not Detected
1,2,4-Trimethylbenzene	350	Not Detected	1700	Not Detected
1,3-Dichlorobenzene	350	Not Detected	2100	Not Detected
1,4-Dichlorobenzene	350	Not Detected	2100	Not Detected
alpha-Chlorotoluene	350	Not Detected	1800	Not Detected
1,2-Dichlorobenzene	350	Not Detected	2100	Not Detected
1,3-Butadiene	350	Not Detected	780	Not Detected
Hexane	350	Not Detected	1200	Not Detected
Cyclohexane	350	Not Detected	1200	Not Detected
Bromodichloromethane	350	Not Detected	2400	Not Detected
Dibromochloromethane	350	Not Detected	3000	Not Detected
Heptane	350	Not Detected	1400	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-8

ID#: 0411294B-25A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111925**	**Date of Collection: 11/12/04**	
Dil. Factor:	**705**	**Date of Analysis: 11/20/04 05:40 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	350	Not Detected	1700	Not Detected
Propylbenzene	350	Not Detected	1700	Not Detected
Chloromethane	1400	Not Detected	2900	Not Detected
1,2,4-Trichlorobenzene	1400	Not Detected	10000	Not Detected
Hexachlorobutadiene	1400	Not Detected	15000	Not Detected
Acetone	1400	Not Detected	3300	Not Detected
Carbon Disulfide	350	Not Detected	1100	Not Detected
2-Propanol	1400	Not Detected	3500	Not Detected
trans-1,2-Dichloroethene	350	Not Detected	1400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	350	Not Detected	1000	Not Detected
Tetrahydrofuran	350	Not Detected	1000	Not Detected
1,4-Dioxane	1400	Not Detected	5100	Not Detected
4-Methyl-2-pentanone	350	Not Detected	1400	Not Detected
2-Hexanone	1400	Not Detected	5800	Not Detected
Bromoform	350	Not Detected	3600	Not Detected
4-Ethyltoluene	350	Not Detected	1700	Not Detected
Ethanol	1400	Not Detected	2600	Not Detected
Methyl tert-butyl ether	350	Not Detected	1300	Not Detected
2,2,4-Trimethylpentane	350	Not Detected	1600	Not Detected
3-Chloropropene	1400	Not Detected	4400	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-9

ID#: 0411294B-26A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111926**	**Date of Collection: 11/12/04**	
Dil. Factor:	**1460**	**Date of Analysis: 11/20/04 08:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	730	Not Detected	3600	Not Detected
Freon 114	730	Not Detected	5100	Not Detected
Vinyl Chloride	730	Not Detected	1900	Not Detected
Bromomethane	730	Not Detected	2800	Not Detected
Chloroethane	730	Not Detected	1900	Not Detected
Freon 11	730	22000	4100	120000
1,1-Dichloroethene	730	140000	2900	540000
Freon 113	730	66000	5600	510000
Methylene Chloride	730	Not Detected	2500	Not Detected
1,1-Dichloroethane	730	Not Detected	3000	Not Detected
cis-1,2-Dichloroethene	730	Not Detected	2900	Not Detected
Chloroform	730	Not Detected	3600	Not Detected
1,1,1-Trichloroethane	730	Not Detected	4000	Not Detected
Carbon Tetrachloride	730	Not Detected	4600	Not Detected
Benzene	730	Not Detected	2300	Not Detected
1,2-Dichloroethane	730	Not Detected	3000	Not Detected
Trichloroethene	730	16000	3900	86000
1,2-Dichloropropane	730	Not Detected	3400	Not Detected
cis-1,3-Dichloropropene	730	Not Detected	3300	Not Detected
Toluene	730	Not Detected	2800	Not Detected
trans-1,3-Dichloropropene	730	Not Detected	3300	Not Detected
1,1,2-Trichloroethane	730	Not Detected	4000	Not Detected
Tetrachloroethene	730	230000	5000	1600000
1,2-Dibromoethane (EDB)	730	Not Detected	5600	Not Detected
Chlorobenzene	730	Not Detected	3400	Not Detected
Ethyl Benzene	730	Not Detected	3200	Not Detected
m,p-Xylene	730	Not Detected	3200	Not Detected
o-Xylene	730	Not Detected	3200	Not Detected
Styrene	730	Not Detected	3100	Not Detected
1,1,2,2-Tetrachloroethane	730	Not Detected	5000	Not Detected
1,3,5-Trimethylbenzene	730	Not Detected	3600	Not Detected
1,2,4-Trimethylbenzene	730	Not Detected	3600	Not Detected
1,3-Dichlorobenzene	730	Not Detected	4400	Not Detected
1,4-Dichlorobenzene	730	Not Detected	4400	Not Detected
alpha-Chlorotoluene	730	Not Detected	3800	Not Detected
1,2-Dichlorobenzene	730	Not Detected	4400	Not Detected
1,3-Butadiene	730	Not Detected	1600	Not Detected
Hexane	730	Not Detected	2600	Not Detected
Cyclohexane	730	Not Detected	2500	Not Detected
Bromodichloromethane	730	Not Detected	4900	Not Detected
Dibromochloromethane	730	Not Detected	6200	Not Detected
Heptane	730	Not Detected	3000	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-9

ID#: 0411294B-26A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111926**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**1460**	**Date of Analysis:**	**11/20/04 08:36 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	730	Not Detected	3600	Not Detected
Propylbenzene	730	Not Detected	3600	Not Detected
Chloromethane	2900	Not Detected	6000	Not Detected
1,2,4-Trichlorobenzene	2900	Not Detected	22000	Not Detected
Hexachlorobutadiene	2900	Not Detected	31000	Not Detected
Acetone	2900	Not Detected	6900	Not Detected
Carbon Disulfide	730	Not Detected	2300	Not Detected
2-Propanol	2900	Not Detected	7200	Not Detected
trans-1,2-Dichloroethene	730	Not Detected	2900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	730	Not Detected	2200	Not Detected
Tetrahydrofuran	730	Not Detected	2200	Not Detected
1,4-Dioxane	2900	Not Detected	10000	Not Detected
4-Methyl-2-pentanone	730	Not Detected	3000	Not Detected
2-Hexanone	2900	Not Detected	12000	Not Detected
Bromoform	730	Not Detected	7500	Not Detected
4-Ethyltoluene	730	Not Detected	3600	Not Detected
Ethanol	2900	Not Detected	5500	Not Detected
Methyl tert-butyl ether	730	Not Detected	2600	Not Detected
2,2,4-Trimethylpentane	730	Not Detected	3400	Not Detected
3-Chloropropene	2900	Not Detected	9100	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-10

ID#: 0411294B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111922**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**2.88**	**Date of Analysis:**	**11/20/04 03:45 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.4	Not Detected	7.1	Not Detected
Freon 114	1.4	Not Detected	10	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
Bromomethane	1.4	Not Detected	5.6	Not Detected
Chloroethane	1.4	Not Detected	3.8	Not Detected
Freon 11	1.4	98	8.1	550
1,1-Dichloroethene	1.4	21	5.7	82
Freon 113	1.4	240	11	1800
Methylene Chloride	1.4	Not Detected	5.0	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
Benzene	1.4	2.6	4.6	8.3
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	61	7.7	330
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
Toluene	1.4	7.8	5.4	29
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	140	9.8	960
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.6	Not Detected
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	3.2	6.2	14
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.9	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Hexane	1.4	3.0	5.1	11
Cyclohexane	1.4	Not Detected	5.0	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
Dibromochloromethane	1.4	Not Detected	12	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-10

ID#: 0411294B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111922**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**2.88**	**Date of Analysis:**	**11/20/04 03:45 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1.4	Not Detected	7.1	Not Detected
Propylbenzene	1.4	Not Detected	7.1	Not Detected
Chloromethane	5.8	Not Detected	12	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	61	Not Detected
Acetone	5.8	35	14	84
Carbon Disulfide	1.4	Not Detected	4.5	Not Detected
2-Propanol	5.8	Not Detected	14	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.4	Not Detected	4.2	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.9	Not Detected
2-Hexanone	5.8	Not Detected	24	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.1	Not Detected
Ethanol	5.8	Not Detected	11	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
2,2,4-Trimethylpentane	1.4	12	6.7	57
3-Chloropropene	5.8	Not Detected	18	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	76 J
Eicosane	112-95-8	74%	48 N J
Cyclopentane, 1-ethyl-3-methyl-, trans-	2613-65-2	53%	46 N J
Unknown Hydrocarbon	NA	NA	50 J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	84 N J
Spiro[4.5]decane	176-63-6	89%	78 N J
Unknown	NA	NA	100 J
Unknown	NA	NA	89 J
Unknown Hydrocarbon	NA	NA	50 J
Undecane, 2,6-dimethyl-	17301-23-4	95%	76 N J

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: UC-10

ID#: 0411294B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111922**	**Date of Collection: 11/12/04**	
Dil. Factor:	**2.88**	**Date of Analysis: 11/20/04 03:45 AM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-10 Duplicate

ID#: 0411294B-27AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111923**	**Date of Collection: 11/12/04**	
Dil. Factor:	**2.88**	**Date of Analysis: 11/20/04 04:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.4	Not Detected	7.1	Not Detected
Freon 114	1.4	Not Detected	10	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
Bromomethane	1.4	Not Detected	5.6	Not Detected
Chloroethane	1.4	Not Detected	3.8	Not Detected
Freon 11	1.4	96	8.1	540
1,1-Dichloroethene	1.4	21	5.7	82
Freon 113	1.4	240	11	1800
Methylene Chloride	1.4	Not Detected	5.0	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
Benzene	1.4	2.6	4.6	8.4
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	61	7.7	330
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
Toluene	1.4	8.0	5.4	30
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	140	9.8	980
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.6	Not Detected
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	3.2	6.2	14
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.9	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Hexane	1.4	3.2	5.1	11
Cyclohexane	1.4	Not Detected	5.0	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
Dibromochloromethane	1.4	Not Detected	12	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-10 Duplicate

ID#: 0411294B-27AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111923**	**Date of Collection: 11/12/04**	
Dil. Factor:	**2.88**	**Date of Analysis: 11/20/04 04:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1.4	Not Detected	7.1	Not Detected
Propylbenzene	1.4	Not Detected	7.1	Not Detected
Chloromethane	5.8	Not Detected	12	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	61	Not Detected
Acetone	5.8	35	14	84
Carbon Disulfide	1.4	Not Detected	4.5	Not Detected
2-Propanol	5.8	Not Detected	14	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.4	Not Detected	4.2	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.9	Not Detected
2-Hexanone	5.8	Not Detected	24	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.1	Not Detected
Ethanol	5.8	Not Detected	11	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
2,2,4-Trimethylpentane	1.4	12	6.7	57
3-Chloropropene	5.8	Not Detected	18	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	82 J
Eicosane	112-95-8	53%	50 N J
Cyclopentane, 1-ethyl-3-methyl-, trans-	2613-65-2	52%	52 N J
Unknown Hydrocarbon	NA	NA	56 J
Hexane, 2,2,5-trimethyl-	3522-94-9	50%	95 N J
Spiro[4.5]decane	176-63-6	89%	74 N J
Unknown	NA	NA	100 J
Unknown	NA	NA	81 J
Unknown Hydrocarbon	NA	NA	44 J
Undecane, 2,6-dimethyl-	17301-23-4	93%	51 N J

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: UC-10 Duplicate

ID#: 0411294B-27AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111923**	**Date of Collection: 11/12/04**	
Dil. Factor:	**2.88**	**Date of Analysis: 11/20/04 04:23 AM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-11

ID#: 0411294B-28A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111921**	**Date of Collection: 11/12/04**	
Dil. Factor:	**340**	**Date of Analysis: 11/20/04 03:04 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	170	Not Detected	840	Not Detected
Freon 114	170	Not Detected	1200	Not Detected
Vinyl Chloride	170	Not Detected	430	Not Detected
Bromomethane	170	Not Detected	660	Not Detected
Chloroethane	170	Not Detected	450	Not Detected
Freon 11	170	13000	960	75000
1,1-Dichloroethene	170	12000	670	47000
Freon 113	170	35000	1300	260000
Methylene Chloride	170	Not Detected	590	Not Detected
1,1-Dichloroethane	170	Not Detected	690	Not Detected
cis-1,2-Dichloroethene	170	Not Detected	670	Not Detected
Chloroform	170	Not Detected	830	Not Detected
1,1,1-Trichloroethane	170	Not Detected	930	Not Detected
Carbon Tetrachloride	170	Not Detected	1100	Not Detected
Benzene	170	Not Detected	540	Not Detected
1,2-Dichloroethane	170	Not Detected	690	Not Detected
Trichloroethene	170	2300	910	12000
1,2-Dichloropropane	170	Not Detected	780	Not Detected
cis-1,3-Dichloropropene	170	Not Detected	770	Not Detected
Toluene	170	Not Detected	640	Not Detected
trans-1,3-Dichloropropene	170	Not Detected	770	Not Detected
1,1,2-Trichloroethane	170	Not Detected	930	Not Detected
Tetrachloroethene	170	1700	1200	11000
1,2-Dibromoethane (EDB)	170	Not Detected	1300	Not Detected
Chlorobenzene	170	Not Detected	780	Not Detected
Ethyl Benzene	170	Not Detected	740	Not Detected
m,p-Xylene	170	Not Detected	740	Not Detected
o-Xylene	170	Not Detected	740	Not Detected
Styrene	170	Not Detected	720	Not Detected
1,1,2,2-Tetrachloroethane	170	Not Detected	1200	Not Detected
1,3,5-Trimethylbenzene	170	Not Detected	840	Not Detected
1,2,4-Trimethylbenzene	170	Not Detected	840	Not Detected
1,3-Dichlorobenzene	170	Not Detected	1000	Not Detected
1,4-Dichlorobenzene	170	Not Detected	1000	Not Detected
alpha-Chlorotoluene	170	Not Detected	880	Not Detected
1,2-Dichlorobenzene	170	Not Detected	1000	Not Detected
1,3-Butadiene	170	Not Detected	380	Not Detected
Hexane	170	Not Detected	600	Not Detected
Cyclohexane	170	Not Detected	580	Not Detected
Bromodichloromethane	170	Not Detected	1100	Not Detected
Dibromochloromethane	170	Not Detected	1400	Not Detected
Heptane	170	Not Detected	700	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-11

ID#: 0411294B-28A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111921**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**340**	**Date of Analysis:**	**11/20/04 03:04 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	170	Not Detected	840	Not Detected
Propylbenzene	170	Not Detected	840	Not Detected
Chloromethane	680	Not Detected	1400	Not Detected
1,2,4-Trichlorobenzene	680	Not Detected	5000	Not Detected
Hexachlorobutadiene	680	Not Detected	7200	Not Detected
Acetone	680	Not Detected	1600	Not Detected
Carbon Disulfide	170	Not Detected	530	Not Detected
2-Propanol	680	Not Detected	1700	Not Detected
trans-1,2-Dichloroethene	170	Not Detected	670	Not Detected
2-Butanone (Methyl Ethyl Ketone)	170	Not Detected	500	Not Detected
Tetrahydrofuran	170	Not Detected	500	Not Detected
1,4-Dioxane	680	Not Detected	2400	Not Detected
4-Methyl-2-pentanone	170	Not Detected	700	Not Detected
2-Hexanone	680	Not Detected	2800	Not Detected
Bromoform	170	Not Detected	1800	Not Detected
4-Ethyltoluene	170	Not Detected	840	Not Detected
Ethanol	680	Not Detected	1300	Not Detected
Methyl tert-butyl ether	170	Not Detected	610	Not Detected
2,2,4-Trimethylpentane	170	Not Detected	790	Not Detected
3-Chloropropene	680	Not Detected	2100	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
.alpha.-Pinene	80-56-8	96%	4000 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-12

ID#: 0411294B-29A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s112006**	**Date of Collection: 11/12/04**	
Dil. Factor:	**21.8**	**Date of Analysis: 11/20/04 12:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	11	Not Detected	54	Not Detected
Freon 114	11	Not Detected	76	Not Detected
Vinyl Chloride	11	Not Detected	28	Not Detected
Bromomethane	11	Not Detected	42	Not Detected
Chloroethane	11	Not Detected	29	Not Detected
Freon 11	11	620	61	3500
1,1-Dichloroethene	11	2100	43	8200
Freon 113	11	690	84	5300
Methylene Chloride	11	Not Detected	38	Not Detected
1,1-Dichloroethane	11	Not Detected	44	Not Detected
cis-1,2-Dichloroethene	11	Not Detected	43	Not Detected
Chloroform	11	Not Detected	53	Not Detected
1,1,1-Trichloroethane	11	Not Detected	59	Not Detected
Carbon Tetrachloride	11	Not Detected	68	Not Detected
Benzene	11	Not Detected	35	Not Detected
1,2-Dichloroethane	11	Not Detected	44	Not Detected
Trichloroethene	11	1400	58	7500
1,2-Dichloropropane	11	Not Detected	50	Not Detected
cis-1,3-Dichloropropene	11	Not Detected	49	Not Detected
Toluene	11	Not Detected	41	Not Detected
trans-1,3-Dichloropropene	11	Not Detected	49	Not Detected
1,1,2-Trichloroethane	11	Not Detected	59	Not Detected
Tetrachloroethene	11	1700	74	11000
1,2-Dibromoethane (EDB)	11	Not Detected	84	Not Detected
Chlorobenzene	11	Not Detected	50	Not Detected
Ethyl Benzene	11	Not Detected	47	Not Detected
m,p-Xylene	11	Not Detected	47	Not Detected
o-Xylene	11	Not Detected	47	Not Detected
Styrene	11	Not Detected	46	Not Detected
1,1,2,2-Tetrachloroethane	11	Not Detected	75	Not Detected
1,3,5-Trimethylbenzene	11	Not Detected	54	Not Detected
1,2,4-Trimethylbenzene	11	Not Detected	54	Not Detected
1,3-Dichlorobenzene	11	Not Detected	66	Not Detected
1,4-Dichlorobenzene	11	Not Detected	66	Not Detected
alpha-Chlorotoluene	11	Not Detected	56	Not Detected
1,2-Dichlorobenzene	11	Not Detected	66	Not Detected
1,3-Butadiene	11	Not Detected	24	Not Detected
Hexane	11	Not Detected	38	Not Detected
Cyclohexane	11	Not Detected	38	Not Detected
Bromodichloromethane	11	Not Detected	73	Not Detected
Dibromochloromethane	11	Not Detected	93	Not Detected
Heptane	11	Not Detected	45	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-12

ID#: 0411294B-29A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s112006**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**21.8**	**Date of Analysis:**	**11/20/04 12:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	11	Not Detected	54	Not Detected
Propylbenzene	11	Not Detected	54	Not Detected
Chloromethane	44	Not Detected	90	Not Detected
1,2,4-Trichlorobenzene	44	Not Detected	320	Not Detected
Hexachlorobutadiene	44	Not Detected	460	Not Detected
Acetone	44	43 J	100	100
Carbon Disulfide	11	Not Detected	34	Not Detected
2-Propanol	44	Not Detected	110	Not Detected
trans-1,2-Dichloroethene	11	Not Detected	43	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11	Not Detected	32	Not Detected
Tetrahydrofuran	11	Not Detected	32	Not Detected
1,4-Dioxane	44	Not Detected	160	Not Detected
4-Methyl-2-pentanone	11	Not Detected	45	Not Detected
2-Hexanone	44	Not Detected	180	Not Detected
Bromoform	11	Not Detected	110	Not Detected
4-Ethyltoluene	11	Not Detected	54	Not Detected
Ethanol	44	Not Detected	82	Not Detected
Methyl tert-butyl ether	11	Not Detected	39	Not Detected
2,2,4-Trimethylpentane	11	Not Detected	51	Not Detected
3-Chloropropene	44	Not Detected	140	Not Detected

J = Estimated value.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene, 2-methyl-	115-11-7	50%	65 N J
Unknown	NA	NA	72 J
Hexane, 2,2,4-trimethyl-	16747-26-5	64%	86 N J
Spiro[4.5]decane	176-63-6	83%	93 N J
Unknown	NA	NA	98 J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-2-Dup

ID#: 0411294B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111919**	**Date of Collection: 11/12/04**	
Dil. Factor:	**18.1**	**Date of Analysis: 11/20/04 01:43 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	9.0	Not Detected	45	Not Detected
Freon 114	9.0	Not Detected	63	Not Detected
Vinyl Chloride	9.0	Not Detected	23	Not Detected
Bromomethane	9.0	Not Detected	35	Not Detected
Chloroethane	9.0	Not Detected	24	Not Detected
Freon 11	9.0	160	51	920
1,1-Dichloroethene	9.0	920	36	3600
Freon 113	9.0	450	69	3400
Methylene Chloride	9.0	Not Detected	31	Not Detected
1,1-Dichloroethane	9.0	Not Detected	37	Not Detected
cis-1,2-Dichloroethene	9.0	Not Detected	36	Not Detected
Chloroform	9.0	15	44	74
1,1,1-Trichloroethane	9.0	26	49	140
Carbon Tetrachloride	9.0	Not Detected	57	Not Detected
Benzene	9.0	Not Detected	29	Not Detected
1,2-Dichloroethane	9.0	Not Detected	37	Not Detected
Trichloroethene	9.0	75	49	400
1,2-Dichloropropane	9.0	Not Detected	42	Not Detected
cis-1,3-Dichloropropene	9.0	Not Detected	41	Not Detected
Toluene	9.0	10	34	39
trans-1,3-Dichloropropene	9.0	Not Detected	41	Not Detected
1,1,2-Trichloroethane	9.0	Not Detected	49	Not Detected
Tetrachloroethene	9.0	2000	61	14000
1,2-Dibromoethane (EDB)	9.0	Not Detected	70	Not Detected
Chlorobenzene	9.0	Not Detected	42	Not Detected
Ethyl Benzene	9.0	Not Detected	39	Not Detected
m,p-Xylene	9.0	Not Detected	39	Not Detected
o-Xylene	9.0	Not Detected	39	Not Detected
Styrene	9.0	Not Detected	38	Not Detected
1,1,2,2-Tetrachloroethane	9.0	Not Detected	62	Not Detected
1,3,5-Trimethylbenzene	9.0	Not Detected	44	Not Detected
1,2,4-Trimethylbenzene	9.0	Not Detected	44	Not Detected
1,3-Dichlorobenzene	9.0	Not Detected	54	Not Detected
1,4-Dichlorobenzene	9.0	Not Detected	54	Not Detected
alpha-Chlorotoluene	9.0	Not Detected	47	Not Detected
1,2-Dichlorobenzene	9.0	Not Detected	54	Not Detected
1,3-Butadiene	9.0	Not Detected	20	Not Detected
Hexane	9.0	Not Detected	32	Not Detected
Cyclohexane	9.0	Not Detected	31	Not Detected
Bromodichloromethane	9.0	Not Detected	61	Not Detected
Dibromochloromethane	9.0	Not Detected	77	Not Detected
Heptane	9.0	Not Detected	37	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-2-Dup

ID#: 0411294B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111919**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**18.1**	**Date of Analysis:**	**11/20/04 01:43 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	9.0	Not Detected	44	Not Detected
Propylbenzene	9.0	Not Detected	44	Not Detected
Chloromethane	36	Not Detected	75	Not Detected
1,2,4-Trichlorobenzene	36	Not Detected	270	Not Detected
Hexachlorobutadiene	36	Not Detected	390	Not Detected
Acetone	36	Not Detected	86	Not Detected
Carbon Disulfide	9.0	Not Detected	28	Not Detected
2-Propanol	36	Not Detected	89	Not Detected
trans-1,2-Dichloroethene	9.0	Not Detected	36	Not Detected
2-Butanone (Methyl Ethyl Ketone)	9.0	Not Detected	27	Not Detected
Tetrahydrofuran	9.0	Not Detected	27	Not Detected
1,4-Dioxane	36	Not Detected	130	Not Detected
4-Methyl-2-pentanone	9.0	Not Detected	37	Not Detected
2-Hexanone	36	Not Detected	150	Not Detected
Bromoform	9.0	Not Detected	94	Not Detected
4-Ethyltoluene	9.0	Not Detected	44	Not Detected
Ethanol	36	Not Detected	68	Not Detected
Methyl tert-butyl ether	9.0	Not Detected	33	Not Detected
2,2,4-Trimethylpentane	9.0	Not Detected	42	Not Detected
3-Chloropropene	36	Not Detected	110	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
2-Butene, (E)-	624-64-6	64%	64 N J
Undecane, 4,6-dimethyl-	17312-82-2	59%	65 N J
Unknown	NA	NA	100 J
Hexadecane, 7,9-dimethyl-	21164-95-4	72%	62 N J
Cyclohexane, butyl-	1678-93-9	53%	82 N J
Tridecane, 7-methyl-	26730-14-3	59%	75 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	120 N J
Naphthalene, decahydro-	91-17-8	86%	130 N J
1-Hexen-3-one	1629-60-3	53%	110 N J
Unknown	NA	NA	82 J

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: UC-2-Dup

ID#: 0411294B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111919**	**Date of Collection: 11/12/04**	
Dil. Factor:	**18.1**	**Date of Analysis: 11/20/04 01:43 AM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: UC-5-Dup

ID#: 0411294B-31A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111918**	**Date of Collection: 11/12/04**	
Dil. Factor:	**403**	**Date of Analysis: 11/20/04 12:02 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	200	Not Detected	1000	Not Detected
Freon 114	200	Not Detected	1400	Not Detected
Vinyl Chloride	200	Not Detected	520	Not Detected
Bromomethane	200	Not Detected	780	Not Detected
Chloroethane	200	Not Detected	530	Not Detected
Freon 11	200	4100	1100	23000
1,1-Dichloroethene	200	12000	800	50000
Freon 113	200	35000	1500	270000
Methylene Chloride	200	Not Detected	700	Not Detected
1,1-Dichloroethane	200	Not Detected	820	Not Detected
cis-1,2-Dichloroethene	200	Not Detected	800	Not Detected
Chloroform	200	230	980	1100
1,1,1-Trichloroethane	200	700	1100	3800
Carbon Tetrachloride	200	Not Detected	1300	Not Detected
Benzene	200	Not Detected	640	Not Detected
1,2-Dichloroethane	200	Not Detected	820	Not Detected
Trichloroethene	200	870	1100	4700
1,2-Dichloropropane	200	Not Detected	930	Not Detected
cis-1,3-Dichloropropene	200	Not Detected	910	Not Detected
Toluene	200	Not Detected	760	Not Detected
trans-1,3-Dichloropropene	200	Not Detected	910	Not Detected
1,1,2-Trichloroethane	200	Not Detected	1100	Not Detected
Tetrachloroethene	200	49000	1400	330000
1,2-Dibromoethane (EDB)	200	Not Detected	1500	Not Detected
Chlorobenzene	200	Not Detected	930	Not Detected
Ethyl Benzene	200	Not Detected	870	Not Detected
m,p-Xylene	200	Not Detected	870	Not Detected
o-Xylene	200	Not Detected	870	Not Detected
Styrene	200	Not Detected	860	Not Detected
1,1,2,2-Tetrachloroethane	200	Not Detected	1400	Not Detected
1,3,5-Trimethylbenzene	200	Not Detected	990	Not Detected
1,2,4-Trimethylbenzene	200	Not Detected	990	Not Detected
1,3-Dichlorobenzene	200	Not Detected	1200	Not Detected
1,4-Dichlorobenzene	200	Not Detected	1200	Not Detected
alpha-Chlorotoluene	200	Not Detected	1000	Not Detected
1,2-Dichlorobenzene	200	Not Detected	1200	Not Detected
1,3-Butadiene	200	Not Detected	440	Not Detected
Hexane	200	Not Detected	710	Not Detected
Cyclohexane	200	Not Detected	690	Not Detected
Bromodichloromethane	200	Not Detected	1400	Not Detected
Dibromochloromethane	200	Not Detected	1700	Not Detected
Heptane	200	Not Detected	820	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: UC-5-Dup

ID#: 0411294B-31A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111918**	**Date of Collection: 11/12/04**	
Dil. Factor:	**403**	**Date of Analysis: 11/20/04 12:02 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	200	Not Detected	990	Not Detected
Propylbenzene	200	Not Detected	990	Not Detected
Chloromethane	810	Not Detected	1700	Not Detected
1,2,4-Trichlorobenzene	810	Not Detected	6000	Not Detected
Hexachlorobutadiene	810	Not Detected	8600	Not Detected
Acetone	810	Not Detected	1900	Not Detected
Carbon Disulfide	200	Not Detected	630	Not Detected
2-Propanol	810	Not Detected	2000	Not Detected
trans-1,2-Dichloroethene	200	Not Detected	800	Not Detected
2-Butanone (Methyl Ethyl Ketone)	200	Not Detected	590	Not Detected
Tetrahydrofuran	200	Not Detected	590	Not Detected
1,4-Dioxane	810	Not Detected	2900	Not Detected
4-Methyl-2-pentanone	200	Not Detected	820	Not Detected
2-Hexanone	810	Not Detected	3300	Not Detected
Bromoform	200	Not Detected	2100	Not Detected
4-Ethyltoluene	200	Not Detected	990	Not Detected
Ethanol	810	Not Detected	1500	Not Detected
Methyl tert-butyl ether	200	Not Detected	730	Not Detected
2,2,4-Trimethylpentane	200	Not Detected	940	Not Detected
3-Chloropropene	810	Not Detected	2500	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	95%	3200 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: TRIP BLANK

ID#: 0411294B-32A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111923**	**Date of Collection: 11/12/04**	
Dil. Factor:	**1.04**	**Date of Analysis: 11/20/04 01:09 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.52	Not Detected	2.6	Not Detected
Freon 114	0.52	Not Detected	3.6	Not Detected
Vinyl Chloride	0.52	Not Detected	1.3	Not Detected
Bromomethane	0.52	Not Detected	2.0	Not Detected
Chloroethane	0.52	Not Detected	1.4	Not Detected
Freon 11	0.52	Not Detected	2.9	Not Detected
1,1-Dichloroethene	0.52	Not Detected	2.1	Not Detected
Freon 113	0.52	Not Detected	4.0	Not Detected
Methylene Chloride	0.52	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.52	Not Detected	2.1	Not Detected
cis-1,2-Dichloroethene	0.52	Not Detected	2.1	Not Detected
Chloroform	0.52	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.52	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.52	Not Detected	3.3	Not Detected
Benzene	0.52	Not Detected	1.7	Not Detected
1,2-Dichloroethane	0.52	Not Detected	2.1	Not Detected
Trichloroethene	0.52	Not Detected	2.8	Not Detected
1,2-Dichloropropane	0.52	Not Detected	2.4	Not Detected
cis-1,3-Dichloropropene	0.52	Not Detected	2.4	Not Detected
Toluene	0.52	Not Detected	2.0	Not Detected
trans-1,3-Dichloropropene	0.52	Not Detected	2.4	Not Detected
1,1,2-Trichloroethane	0.52	Not Detected	2.8	Not Detected
Tetrachloroethene	0.52	Not Detected	3.5	Not Detected
1,2-Dibromoethane (EDB)	0.52	Not Detected	4.0	Not Detected
Chlorobenzene	0.52	Not Detected	2.4	Not Detected
Ethyl Benzene	0.52	Not Detected	2.2	Not Detected
m,p-Xylene	0.52	Not Detected	2.2	Not Detected
o-Xylene	0.52	Not Detected	2.2	Not Detected
Styrene	0.52	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.52	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.52	Not Detected	2.6	Not Detected
1,2,4-Trimethylbenzene	0.52	Not Detected	2.6	Not Detected
1,3-Dichlorobenzene	0.52	Not Detected	3.1	Not Detected
1,4-Dichlorobenzene	0.52	Not Detected	3.1	Not Detected
alpha-Chlorotoluene	0.52	Not Detected	2.7	Not Detected
1,2-Dichlorobenzene	0.52	Not Detected	3.1	Not Detected
1,3-Butadiene	0.52	Not Detected	1.2	Not Detected
Hexane	0.52	Not Detected	1.8	Not Detected
Cyclohexane	0.52	Not Detected	1.8	Not Detected
Bromodichloromethane	0.52	Not Detected	3.5	Not Detected
Dibromochloromethane	0.52	Not Detected	4.4	Not Detected
Heptane	0.52	Not Detected	2.1	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: TRIP BLANK

ID#: 0411294B-32A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111923**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**1.04**	**Date of Analysis:**	**11/20/04 01:09 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.52	Not Detected	2.6	Not Detected
Propylbenzene	0.52	Not Detected	2.6	Not Detected
Chloromethane	2.1	Not Detected	4.3	Not Detected
1,2,4-Trichlorobenzene	2.1	Not Detected	15	Not Detected
Hexachlorobutadiene	2.1	Not Detected	22	Not Detected
Acetone	2.1	Not Detected	4.9	Not Detected
Carbon Disulfide	0.52	Not Detected	1.6	Not Detected
2-Propanol	2.1	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	0.52	Not Detected	2.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.52	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.52	Not Detected	1.5	Not Detected
1,4-Dioxane	2.1	Not Detected	7.5	Not Detected
4-Methyl-2-pentanone	0.52	Not Detected	2.1	Not Detected
2-Hexanone	2.1	Not Detected	8.5	Not Detected
Bromoform	0.52	Not Detected	5.4	Not Detected
4-Ethyltoluene	0.52	Not Detected	2.6	Not Detected
Ethanol	2.1	Not Detected	3.9	Not Detected
Methyl tert-butyl ether	0.52	Not Detected	1.9	Not Detected
2,2,4-Trimethylpentane	0.52	Not Detected	2.4	Not Detected
3-Chloropropene	2.1	Not Detected	6.5	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	81	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294B-33A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111806**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 09:07 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294B-33A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111806**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 09:07 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294B-33B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111905**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 08:49 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294B-33B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111905**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 08:49 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294B-33C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 10:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294B-33C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 10:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294B-33D

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s112005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/20/04 11:59 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294B-33D

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s112005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/20/04 11:59 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294B-34A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 06:03 AM**	

Compound	%Recovery
Freon 12	101
Freon 114	94
Vinyl Chloride	103
Bromomethane	105
Chloroethane	105
Freon 11	96
1,1-Dichloroethene	97
Freon 113	96
Methylene Chloride	93
1,1-Dichloroethane	98
cis-1,2-Dichloroethene	96
Chloroform	94
1,1,1-Trichloroethane	97
Carbon Tetrachloride	101
Benzene	85
1,2-Dichloroethane	98
Trichloroethene	90
1,2-Dichloropropane	101
cis-1,3-Dichloropropene	103
Toluene	94
trans-1,3-Dichloropropene	103
1,1,2-Trichloroethane	95
Tetrachloroethene	96
1,2-Dibromoethane (EDB)	100
Chlorobenzene	91
Ethyl Benzene	98
m,p-Xylene	104
o-Xylene	111
Styrene	115
1,1,2,2-Tetrachloroethane	92
1,3,5-Trimethylbenzene	122
1,2,4-Trimethylbenzene	117
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	94
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	85
1,3-Butadiene	97
Hexane	97
Cyclohexane	99
Bromodichloromethane	104
Dibromochloromethane	105
Heptane	101

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294B-34A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 06:03 AM**	

Compound	%Recovery
Cumene	102
Propylbenzene	112
Chloromethane	100
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	70
Acetone	94
Carbon Disulfide	96
2-Propanol	100
trans-1,2-Dichloroethene	92
2-Butanone (Methyl Ethyl Ketone)	108
Tetrahydrofuran	99
1,4-Dioxane	100
4-Methyl-2-pentanone	106
2-Hexanone	110
Bromoform	104
4-Ethyltoluene	116
Ethanol	98
Methyl tert-butyl ether	97
2,2,4-Trimethylpentane	98
3-Chloropropene	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	117	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294B-34B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 06:13 AM**	

Compound	%Recovery
Freon 12	97
Freon 114	93
Vinyl Chloride	99
Bromomethane	103
Chloroethane	100
Freon 11	94
1,1-Dichloroethene	96
Freon 113	95
Methylene Chloride	92
1,1-Dichloroethane	96
cis-1,2-Dichloroethene	94
Chloroform	92
1,1,1-Trichloroethane	94
Carbon Tetrachloride	100
Benzene	83
1,2-Dichloroethane	95
Trichloroethene	88
1,2-Dichloropropane	98
cis-1,3-Dichloropropene	101
Toluene	91
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	92
Tetrachloroethene	92
1,2-Dibromoethane (EDB)	97
Chlorobenzene	89
Ethyl Benzene	96
m,p-Xylene	102
o-Xylene	108
Styrene	114
1,1,2,2-Tetrachloroethane	91
1,3,5-Trimethylbenzene	122
1,2,4-Trimethylbenzene	118
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	87
1,3-Butadiene	96
Hexane	95
Cyclohexane	97
Bromodichloromethane	101
Dibromochloromethane	102
Heptane	99

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294B-34B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 06:13 AM**	

Compound	%Recovery
Cumene	100
Propylbenzene	111
Chloromethane	99
1,2,4-Trichlorobenzene	102
Hexachlorobutadiene	73
Acetone	94
Carbon Disulfide	95
2-Propanol	100
trans-1,2-Dichloroethene	91
2-Butanone (Methyl Ethyl Ketone)	105
Tetrahydrofuran	99
1,4-Dioxane	97
4-Methyl-2-pentanone	104
2-Hexanone	108
Bromoform	102
4-Ethyltoluene	116
Ethanol	96
Methyl tert-butyl ether	96
2,2,4-Trimethylpentane	97
3-Chloropropene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	122	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294B-34C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 09:06 AM**	

Compound	%Recovery
Freon 12	91
Freon 114	119
Vinyl Chloride	81
Bromomethane	70
Chloroethane	74
Freon 11	84
1,1-Dichloroethene	79
Freon 113	79
Methylene Chloride	89
1,1-Dichloroethane	80
cis-1,2-Dichloroethene	82
Chloroform	84
1,1,1-Trichloroethane	88
Carbon Tetrachloride	100
Benzene	78
1,2-Dichloroethane	87
Trichloroethene	88
1,2-Dichloropropane	86
cis-1,3-Dichloropropene	90
Toluene	86
trans-1,3-Dichloropropene	89
1,1,2-Trichloroethane	86
Tetrachloroethene	91
1,2-Dibromoethane (EDB)	90
Chlorobenzene	84
Ethyl Benzene	87
m,p-Xylene	82
o-Xylene	85
Styrene	86
1,1,2,2-Tetrachloroethane	83
1,3,5-Trimethylbenzene	84
1,2,4-Trimethylbenzene	82
1,3-Dichlorobenzene	84
1,4-Dichlorobenzene	83
alpha-Chlorotoluene	80
1,2-Dichlorobenzene	80
1,3-Butadiene	83
Hexane	76
Cyclohexane	82
Bromodichloromethane	96
Dibromochloromethane	98
Heptane	88

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294B-34C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 09:06 AM**	

Compound	%Recovery
Cumene	86
Propylbenzene	87
Chloromethane	94
1,2,4-Trichlorobenzene	86
Hexachlorobutadiene	82
Acetone	86
Carbon Disulfide	79
2-Propanol	99
trans-1,2-Dichloroethene	77
2-Butanone (Methyl Ethyl Ketone)	86
Tetrahydrofuran	86
1,4-Dioxane	91
4-Methyl-2-pentanone	92
2-Hexanone	93
Bromoform	100
4-Ethyltoluene	84
Ethanol	109
Methyl tert-butyl ether	71
2,2,4-Trimethylpentane	81
3-Chloropropene	78

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294B-34D

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s112004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/20/04 11:08 AM**	

Compound	%Recovery
Freon 12	85
Freon 114	109
Vinyl Chloride	77
Bromomethane	85
Chloroethane	76
Freon 11	80
1,1-Dichloroethene	76
Freon 113	77
Methylene Chloride	87
1,1-Dichloroethane	79
cis-1,2-Dichloroethene	82
Chloroform	82
1,1,1-Trichloroethane	87
Carbon Tetrachloride	99
Benzene	77
1,2-Dichloroethane	84
Trichloroethene	85
1,2-Dichloropropane	87
cis-1,3-Dichloropropene	92
Toluene	88
trans-1,3-Dichloropropene	91
1,1,2-Trichloroethane	85
Tetrachloroethene	92
1,2-Dibromoethane (EDB)	91
Chlorobenzene	86
Ethyl Benzene	89
m,p-Xylene	85
o-Xylene	86
Styrene	88
1,1,2,2-Tetrachloroethane	84
1,3,5-Trimethylbenzene	83
1,2,4-Trimethylbenzene	82
1,3-Dichlorobenzene	83
1,4-Dichlorobenzene	83
alpha-Chlorotoluene	81
1,2-Dichlorobenzene	81
1,3-Butadiene	77
Hexane	71
Cyclohexane	80
Bromodichloromethane	95
Dibromochloromethane	98
Heptane	88

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294B-34D

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s112004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/20/04 11:08 AM**	

Compound	%Recovery
Cumene	86
Propylbenzene	87
Chloromethane	91
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	83
Acetone	83
Carbon Disulfide	78
2-Propanol	96
trans-1,2-Dichloroethene	75
2-Butanone (Methyl Ethyl Ketone)	85
Tetrahydrofuran	84
1,4-Dioxane	91
4-Methyl-2-pentanone	94
2-Hexanone	95
Bromoform	101
4-Ethyltoluene	84
Ethanol	100
Methyl tert-butyl ether	71
2,2,4-Trimethylpentane	77
3-Chloropropene	79

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294B-35A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 06:48 AM**	

Compound	%Recovery
Freon 12	103
Freon 114	95
Vinyl Chloride	106
Bromomethane	112
Chloroethane	113
Freon 11	95
1,1-Dichloroethene	98
Freon 113	96
Methylene Chloride	89
1,1-Dichloroethane	100
cis-1,2-Dichloroethene	100
Chloroform	98
1,1,1-Trichloroethane	102
Carbon Tetrachloride	106
Benzene	92
1,2-Dichloroethane	104
Trichloroethene	97
1,2-Dichloropropane	115
cis-1,3-Dichloropropene	104
Toluene	100
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	99
Tetrachloroethene	100
1,2-Dibromoethane (EDB)	106
Chlorobenzene	92
Ethyl Benzene	100
m,p-Xylene	111
o-Xylene	109
Styrene	111
1,1,2,2-Tetrachloroethane	93
1,3,5-Trimethylbenzene	116
1,2,4-Trimethylbenzene	110
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	91
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	81
1,3-Butadiene	96
Hexane	100
Cyclohexane	102
Bromodichloromethane	108
Dibromochloromethane	106
Heptane	104

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294B-35A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 06:48 AM**	

Compound	%Recovery
Cumene	80
Propylbenzene	96
Chloromethane	108
1,2,4-Trichlorobenzene	111
Hexachlorobutadiene	82
Acetone	101
Carbon Disulfide	101
2-Propanol	105
trans-1,2-Dichloroethene	98
2-Butanone (Methyl Ethyl Ketone)	111
Tetrahydrofuran	105
1,4-Dioxane	102
4-Methyl-2-pentanone	111
2-Hexanone	115
Bromoform	104
4-Ethyltoluene	124
Ethanol	54 Q
Methyl tert-butyl ether	100
2,2,4-Trimethylpentane	104
3-Chloropropene	92

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	119	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294B-35B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 07:09 AM**	

Compound	%Recovery
Freon 12	97
Freon 114	91
Vinyl Chloride	99
Bromomethane	108
Chloroethane	107
Freon 11	91
1,1-Dichloroethene	94
Freon 113	94
Methylene Chloride	87
1,1-Dichloroethane	97
cis-1,2-Dichloroethene	96
Chloroform	94
1,1,1-Trichloroethane	98
Carbon Tetrachloride	103
Benzene	89
1,2-Dichloroethane	101
Trichloroethene	93
1,2-Dichloropropane	111
cis-1,3-Dichloropropene	101
Toluene	96
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	95
Tetrachloroethene	95
1,2-Dibromoethane (EDB)	102
Chlorobenzene	90
Ethyl Benzene	97
m,p-Xylene	106
o-Xylene	104
Styrene	107
1,1,2,2-Tetrachloroethane	90
1,3,5-Trimethylbenzene	111
1,2,4-Trimethylbenzene	105
1,3-Dichlorobenzene	93
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	99
1,2-Dichlorobenzene	80
1,3-Butadiene	94
Hexane	97
Cyclohexane	99
Bromodichloromethane	104
Dibromochloromethane	101
Heptane	104

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294B-35B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 07:09 AM**	

Compound	%Recovery
Cumene	76
Propylbenzene	92
Chloromethane	103
1,2,4-Trichlorobenzene	107
Hexachlorobutadiene	81
Acetone	98
Carbon Disulfide	98
2-Propanol	102
trans-1,2-Dichloroethene	94
2-Butanone (Methyl Ethyl Ketone)	108
Tetrahydrofuran	102
1,4-Dioxane	98
4-Methyl-2-pentanone	108
2-Hexanone	110
Bromoform	101
4-Ethyltoluene	118
Ethanol	53 Q
Methyl tert-butyl ether	97
2,2,4-Trimethylpentane	101
3-Chloropropene	90

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	120	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294B-35C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 09:45 AM**	

Compound	%Recovery
Freon 12	78
Freon 114	100
Vinyl Chloride	70
Bromomethane	72
Chloroethane	70
Freon 11	74
1,1-Dichloroethene	71
Freon 113	72
Methylene Chloride	78
1,1-Dichloroethane	76
cis-1,2-Dichloroethene	82
Chloroform	83
1,1,1-Trichloroethane	88
Carbon Tetrachloride	101
Benzene	80
1,2-Dichloroethane	90
Trichloroethene	92
1,2-Dichloropropane	95
cis-1,3-Dichloropropene	90
Toluene	90
trans-1,3-Dichloropropene	89
1,1,2-Trichloroethane	87
Tetrachloroethene	92
1,2-Dibromoethane (EDB)	93
Chlorobenzene	84
Ethyl Benzene	88
m,p-Xylene	85
o-Xylene	82
Styrene	83
1,1,2,2-Tetrachloroethane	83
1,3,5-Trimethylbenzene	77
1,2,4-Trimethylbenzene	76
1,3-Dichlorobenzene	79
1,4-Dichlorobenzene	77
alpha-Chlorotoluene	80
1,2-Dichlorobenzene	75
1,3-Butadiene	70
Hexane	70
Cyclohexane	80
Bromodichloromethane	96
Dibromochloromethane	95
Heptane	90

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294B-35C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 09:45 AM**	

Compound	%Recovery
Cumene	68
Propylbenzene	75
Chloromethane	87
1,2,4-Trichlorobenzene	97
Hexachlorobutadiene	95
Acetone	82
Carbon Disulfide	75
2-Propanol	91
trans-1,2-Dichloroethene	74
2-Butanone (Methyl Ethyl Ketone)	84
Tetrahydrofuran	86
1,4-Dioxane	93
4-Methyl-2-pentanone	97
2-Hexanone	98
Bromoform	99
4-Ethyltoluene	88
Ethanol	53 Q
Methyl tert-butyl ether	68
2,2,4-Trimethylpentane	79
3-Chloropropene	70

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294B-35D

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s112003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/20/04 10:23 AM**	

Compound	%Recovery
Freon 12	79
Freon 114	104
Vinyl Chloride	72
Bromomethane	76
Chloroethane	75
Freon 11	76
1,1-Dichloroethene	73
Freon 113	73
Methylene Chloride	80
1,1-Dichloroethane	78
cis-1,2-Dichloroethene	84
Chloroform	83
1,1,1-Trichloroethane	88
Carbon Tetrachloride	101
Benzene	81
1,2-Dichloroethane	90
Trichloroethene	90
1,2-Dichloropropane	95
cis-1,3-Dichloropropene	91
Toluene	90
trans-1,3-Dichloropropene	88
1,1,2-Trichloroethane	86
Tetrachloroethene	92
1,2-Dibromoethane (EDB)	93
Chlorobenzene	84
Ethyl Benzene	88
m,p-Xylene	84
o-Xylene	82
Styrene	82
1,1,2,2-Tetrachloroethane	81
1,3,5-Trimethylbenzene	74
1,2,4-Trimethylbenzene	73
1,3-Dichlorobenzene	77
1,4-Dichlorobenzene	76
alpha-Chlorotoluene	77
1,2-Dichlorobenzene	72
1,3-Butadiene	72
Hexane	70
Cyclohexane	80
Bromodichloromethane	97
Dibromochloromethane	94
Heptane	90

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294B-35D

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s112003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/20/04 10:23 AM**	

Compound	%Recovery
Cumene	66
Propylbenzene	73
Chloromethane	90
1,2,4-Trichlorobenzene	95
Hexachlorobutadiene	93
Acetone	84
Carbon Disulfide	77
2-Propanol	93
trans-1,2-Dichloroethene	75
2-Butanone (Methyl Ethyl Ketone)	84
Tetrahydrofuran	87
1,4-Dioxane	92
4-Methyl-2-pentanone	97
2-Hexanone	97
Bromoform	98
4-Ethyltoluene	85
Ethanol	54 Q
Methyl tert-butyl ether	70
2,2,4-Trimethylpentane	77
3-Chloropropene	72

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	101	70-130

@ AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

Contact Person: Sharon Wallin
Company: COM Environ Email:
Address: City: State: Zip:
Phone: Fax:
Collected by: (Signature)

Project Info:
P.O. #:
Project #:
Project Name:

Turn Around Time:
❑ Normal
❑ Rush
specify

Lab Use Only
Pressurized by: GM
Date: 11/18/04
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
27A	UC-10	11/12/04	11:00	TO-15 Cplus TICs	30	0	2.0"Hg	5psi
28A	UC-11		12:42				0.5"Hg	
29A	UC-12		12:21				0.5"Hg	
30A	UC-2-Dup		12:25				0.5"Hg	
31A	UC-5-Dup		13:00				1.5"Hg	
32A	TRIP BLANK		13:22				4.2psi	

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
11/12/04 15:00	Judy Lee ATL 11/16/04 935
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	6429 3888 5712	0	Good	Yes No (None)	0411294

Form 1293 rev.10

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person Sharon Wallin
Company CDM Irvine Email
Address City State Zip
Phone Fax
Collected by: (Signature)

Project Info:
P.O. #
Project #
Project Name

Turn Around Time:
❑ Normal
❑ Rush
specify

Lab Use Only
Pressurized by: pm
Date: 11/18/04
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
18A	UC-1	11/12/04	11:28	TO-15 (plus TICs)	30	0	1.5"Hg	5psi
19A	UC-2		11:11			0	0.5"Hg	
20A	UC-3		11:34			0	0.5"Hg	
④	UC-4A		11:33	DO NOT ANALYZE		0		
21A	UC-4B		12:25			0	0.5"Hg	
22A	UC-5		11:36			0	2.5"Hg	
23A	UC-6		11:46			0	1.5"Hg	
24A	UC-7		11:50			0	2.5"Hg	
25A	UC-8		12:40			0	1.5"Hg	
26A	UC-9		11:40			1	2.5"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	11/12/04 15:00	[signature] ATL	11/16/04 935

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	6429 3888 5712	0	good	Yes No (None)	0411294

④ DO NOT ANALYZE # UC 4A [signature]

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0411294A

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	Omega
DATE RECEIVED:	11/16/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	11/21/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SG-7-18FT	Modified TO-15/TICs	0.0 "Hg
02A	SG-7-24FT	Modified TO-15/TICs	0.5 "Hg
03A	SG-8-18FT	Modified TO-15/TICs	0.5 "Hg
04A	SG-8-24FT	Modified TO-15/TICs	22.0 "Hg
05A	SG-9-18FT	Modified TO-15/TICs	0.5 "Hg
06A	SG-9-24FT	Modified TO-15/TICs	13.0 "Hg
07A	SG-10-18FT	Modified TO-15/TICs	1.0 "Hg
08A	SG-10-24FT	Modified TO-15/TICs	1.5 "Hg
09A	SG-11-18FT	Modified TO-15/TICs	0.5 "Hg
10A	SG-11-24FT	Modified TO-15/TICs	0.5 "Hg
11A	SG-7-24FT-Dup	Modified TO-15/TICs	1.5 "Hg
12A	SG-13-6FT	Modified TO-15/TICs	0.0 "Hg
13A	SG-13-12FT	Modified TO-15/TICs	0.0 "Hg
14A	SG-14-6FT	Modified TO-15/TICs	0.0 "Hg
15A	SG-14-12FT	Modified TO-15/TICs	5.5 "Hg
16A	SG-15-6FT	Modified TO-15/TICs	0.5 "Hg
16AA	SG-15-6FT Duplicate	Modified TO-15/TICs	0.5 "Hg

Continued on next page

WORK ORDER #: 0411294A

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612	**BILL TO:**	Ms. Sharon Wallin CDM 18581 Teller Avenue Suite 200 Irvine, CA 92612
PHONE:	949-930-2941	**P.O. #**	
FAX:		**PROJECT #**	Omega
DATE RECEIVED:	11/16/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	11/21/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
17A	SG-15-12FT	Modified TO-15/TICs	0.5 "Hg
17AA	SG-15-12FT Duplicate	Modified TO-15/TICs	0.5 "Hg
18A	Lab Blank	Modified TO-15/TICs	NA
18B	Lab Blank	Modified TO-15/TICs	NA
18C	Lab Blank	Modified TO-15/TICs	NA
19A	CCV	Modified TO-15/TICs	NA
19B	CCV	Modified TO-15/TICs	NA
19C	CCV	Modified TO-15/TICs	NA
20A	LCS	Modified TO-15/TICs	NA
20B	LCS	Modified TO-15/TICs	NA
20C	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda D. Fruman DATE: 11/22/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0411294A

Seventeen 6 Liter Summa Canister samples were received on November 16, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases. A list of these compounds is available.

Receiving Notes

The Chain of Custody (COC) information for samples SG-11-18FT and SG-11-24FT did not match the entries on the sample tags with regard to sample identification. The client was contacted and provided the canister physical IDs. The IDs on the COC were used to process and report the samples.

Sample SG-8-24FT was received with significant vacuum remaining in the canister. The discrepancy was noted in the Sample Receipt Confirmation email/fax. The residual canister vacuum resulted in elevated reporting limits.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: SG-7-18FT

ID#: 0411294A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111806**	**Date of Collection: 11/11/04**	
Dil. Factor:	**268**	**Date of Analysis: 11/18/04 01:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	130	Not Detected	660	Not Detected
Freon 114	130	Not Detected	940	Not Detected
Vinyl Chloride	130	Not Detected	340	Not Detected
Bromomethane	130	Not Detected U J	520	Not Detected U J
Chloroethane	130	Not Detected	350	Not Detected
Freon 11	130	13000	750	73000
1,1-Dichloroethene	130	45000	530	180000
Freon 113	130	17000	1000	130000
Methylene Chloride	130	Not Detected	460	Not Detected
1,1-Dichloroethane	130	Not Detected	540	Not Detected
cis-1,2-Dichloroethene	130	Not Detected	530	Not Detected
Chloroform	130	Not Detected	650	Not Detected
1,1,1-Trichloroethane	130	Not Detected	730	Not Detected
Carbon Tetrachloride	130	Not Detected	840	Not Detected
Benzene	130	Not Detected	430	Not Detected
1,2-Dichloroethane	130	Not Detected	540	Not Detected
Trichloroethene	130	28000	720	150000
1,2-Dichloropropane	130	Not Detected	620	Not Detected
cis-1,3-Dichloropropene	130	Not Detected	610	Not Detected
Toluene	130	Not Detected	500	Not Detected
trans-1,3-Dichloropropene	130	Not Detected	610	Not Detected
1,1,2-Trichloroethane	130	Not Detected	730	Not Detected
Tetrachloroethene	130	22000	910	150000
1,2-Dibromoethane (EDB)	130	Not Detected	1000	Not Detected
Chlorobenzene	130	Not Detected	620	Not Detected
Ethyl Benzene	130	Not Detected	580	Not Detected
m,p-Xylene	130	Not Detected	580	Not Detected
o-Xylene	130	Not Detected	580	Not Detected
Styrene	130	Not Detected	570	Not Detected
1,1,2,2-Tetrachloroethane	130	Not Detected	920	Not Detected
1,3,5-Trimethylbenzene	130	Not Detected	660	Not Detected
1,2,4-Trimethylbenzene	130	Not Detected	660	Not Detected
1,3-Dichlorobenzene	130	Not Detected	800	Not Detected
1,4-Dichlorobenzene	130	Not Detected	800	Not Detected
alpha-Chlorotoluene	130	Not Detected	690	Not Detected
1,2-Dichlorobenzene	130	Not Detected	800	Not Detected
1,3-Butadiene	130	Not Detected	300	Not Detected
Hexane	130	Not Detected	470	Not Detected
Cyclohexane	130	Not Detected	460	Not Detected
Bromodichloromethane	130	Not Detected	900	Not Detected
Dibromochloromethane	130	Not Detected	1100	Not Detected
Heptane	130	Not Detected	550	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-7-18FT

ID#: 0411294A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111806**	**Date of Collection:**	**11/11/04**
Dil. Factor:	**268**	**Date of Analysis:**	**11/18/04 01:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	130	Not Detected	660	Not Detected
Propylbenzene	130	Not Detected	660	Not Detected
Chloromethane	540	Not Detected	1100	Not Detected
1,2,4-Trichlorobenzene	540	Not Detected	4000	Not Detected
Hexachlorobutadiene	540	Not Detected	5700	Not Detected
Acetone	540	Not Detected	1300	Not Detected
Carbon Disulfide	130	Not Detected	420	Not Detected
2-Propanol	540	Not Detected	1300	Not Detected
trans-1,2-Dichloroethene	130	Not Detected	530	Not Detected
2-Butanone (Methyl Ethyl Ketone)	130	Not Detected	400	Not Detected
Tetrahydrofuran	130	Not Detected	400	Not Detected
1,4-Dioxane	540	Not Detected	1900	Not Detected
4-Methyl-2-pentanone	130	Not Detected	550	Not Detected
2-Hexanone	540	Not Detected	2200	Not Detected
Bromoform	130	Not Detected	1400	Not Detected
4-Ethyltoluene	130	Not Detected	660	Not Detected
Ethanol	540	Not Detected	1000	Not Detected
Methyl tert-butyl ether	130	Not Detected	480	Not Detected
2,2,4-Trimethylpentane	130	Not Detected	620	Not Detected
3-Chloropropene	540	Not Detected	1700	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,1-dichloro-2,2-difluoro-	471-43-2	64%	690 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	90%	830 N J
Decane, 2,2,7-trimethyl-	62237-99-4	64%	740 N J
Decane, 2,2,6-trimethyl-	62237-97-2	83%	1800 N J
Hexane, 3,3-dimethyl-	563-16-6	64%	2600 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	72%	3200 N J
Nonane, 3,7-dimethyl-	17302-32-8	58%	1000 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-7-24FT

ID#: 0411294A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111807**	**Date of Collection:**	**11/11/04**
Dil. Factor:	**272**	**Date of Analysis:**	**11/18/04 02:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	140	Not Detected	670	Not Detected
Freon 114	140	Not Detected	950	Not Detected
Vinyl Chloride	140	Not Detected	350	Not Detected
Bromomethane	140	Not Detected U J	530	Not Detected U J
Chloroethane	140	Not Detected	360	Not Detected
Freon 11	140	15000	760	83000
1,1-Dichloroethene	140	46000	540	180000
Freon 113	140	18000	1000	140000
Methylene Chloride	140	Not Detected	470	Not Detected
1,1-Dichloroethane	140	Not Detected	550	Not Detected
cis-1,2-Dichloroethene	140	Not Detected	540	Not Detected
Chloroform	140	Not Detected	660	Not Detected
1,1,1-Trichloroethane	140	Not Detected	740	Not Detected
Carbon Tetrachloride	140	Not Detected	860	Not Detected
Benzene	140	Not Detected	430	Not Detected
1,2-Dichloroethane	140	Not Detected	550	Not Detected
Trichloroethene	140	15000	730	81000
1,2-Dichloropropane	140	Not Detected	630	Not Detected
cis-1,3-Dichloropropene	140	Not Detected	620	Not Detected
Toluene	140	Not Detected	510	Not Detected
trans-1,3-Dichloropropene	140	Not Detected	620	Not Detected
1,1,2-Trichloroethane	140	Not Detected	740	Not Detected
Tetrachloroethene	140	3400	920	23000
1,2-Dibromoethane (EDB)	140	Not Detected	1000	Not Detected
Chlorobenzene	140	Not Detected	630	Not Detected
Ethyl Benzene	140	Not Detected	590	Not Detected
m,p-Xylene	140	Not Detected	590	Not Detected
o-Xylene	140	Not Detected	590	Not Detected
Styrene	140	Not Detected	580	Not Detected
1,1,2,2-Tetrachloroethane	140	Not Detected	930	Not Detected
1,3,5-Trimethylbenzene	140	Not Detected	670	Not Detected
1,2,4-Trimethylbenzene	140	Not Detected	670	Not Detected
1,3-Dichlorobenzene	140	Not Detected	820	Not Detected
1,4-Dichlorobenzene	140	Not Detected	820	Not Detected
alpha-Chlorotoluene	140	Not Detected	700	Not Detected
1,2-Dichlorobenzene	140	Not Detected	820	Not Detected
1,3-Butadiene	140	Not Detected	300	Not Detected
Hexane	140	Not Detected	480	Not Detected
Cyclohexane	140	Not Detected	470	Not Detected
Bromodichloromethane	140	Not Detected	910	Not Detected
Dibromochloromethane	140	Not Detected	1200	Not Detected
Heptane	140	Not Detected	560	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-7-24FT

ID#: 0411294A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111807**	**Date of Collection:**	**11/11/04**
Dil. Factor:	**272**	**Date of Analysis:**	**11/18/04 02:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	140	Not Detected	670	Not Detected
Propylbenzene	140	Not Detected	670	Not Detected
Chloromethane	540	Not Detected	1100	Not Detected
1,2,4-Trichlorobenzene	540	Not Detected	4000	Not Detected
Hexachlorobutadiene	540	Not Detected	5800	Not Detected
Acetone	540	Not Detected	1300	Not Detected
Carbon Disulfide	140	Not Detected	420	Not Detected
2-Propanol	540	Not Detected	1300	Not Detected
trans-1,2-Dichloroethene	140	Not Detected	540	Not Detected
2-Butanone (Methyl Ethyl Ketone)	140	Not Detected	400	Not Detected
Tetrahydrofuran	140	Not Detected	400	Not Detected
1,4-Dioxane	540	Not Detected	2000	Not Detected
4-Methyl-2-pentanone	140	Not Detected	560	Not Detected
2-Hexanone	540	Not Detected	2200	Not Detected
Bromoform	140	Not Detected	1400	Not Detected
4-Ethyltoluene	140	Not Detected	670	Not Detected
Ethanol	540	Not Detected	1000	Not Detected
Methyl tert-butyl ether	140	Not Detected	490	Not Detected
2,2,4-Trimethylpentane	140	Not Detected	640	Not Detected
3-Chloropropene	540	Not Detected	1700	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 2,2-dichloro-1,1,1-trifluoro-	306-83-2	50%	820 N J
Octane, 2,2,6-trimethyl-	62016-28-8	72%	960 N J
Decane, 2,2-dimethyl-	17302-37-3	64%	1200 N J
Nonane, 3-methyl-5-propyl-	31081-18-2	64%	2200 N J
Heptane, 2,2,4-trimethyl-	14720-74-2	64%	1800 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-8-18FT

ID#: 0411294A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111814**	**Date of Collection: 11/11/04**	
Dil. Factor:	**1360**	**Date of Analysis: 11/18/04 07:40 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	680	Not Detected	3400	Not Detected
Freon 114	680	Not Detected	4800	Not Detected
Vinyl Chloride	680	Not Detected	1700	Not Detected
Bromomethane	680	Not Detected U J	2600	Not Detected U J
Chloroethane	680	Not Detected	1800	Not Detected
Freon 11	680	90000	3800	500000
1,1-Dichloroethene	680	190000	2700	750000
Freon 113	680	130000	5200	1000000
Methylene Chloride	680	Not Detected	2400	Not Detected
1,1-Dichloroethane	680	Not Detected	2800	Not Detected
cis-1,2-Dichloroethene	680	Not Detected	2700	Not Detected
Chloroform	680	Not Detected	3300	Not Detected
1,1,1-Trichloroethane	680	Not Detected	3700	Not Detected
Carbon Tetrachloride	680	Not Detected	4300	Not Detected
Benzene	680	Not Detected	2200	Not Detected
1,2-Dichloroethane	680	Not Detected	2800	Not Detected
Trichloroethene	680	18000	3600	98000
1,2-Dichloropropane	680	Not Detected	3100	Not Detected
cis-1,3-Dichloropropene	680	Not Detected	3100	Not Detected
Toluene	680	Not Detected	2600	Not Detected
trans-1,3-Dichloropropene	680	Not Detected	3100	Not Detected
1,1,2-Trichloroethane	680	Not Detected	3700	Not Detected
Tetrachloroethene	680	42000	4600	280000
1,2-Dibromoethane (EDB)	680	Not Detected	5200	Not Detected
Chlorobenzene	680	Not Detected	3100	Not Detected
Ethyl Benzene	680	Not Detected	3000	Not Detected
m,p-Xylene	680	Not Detected	3000	Not Detected
o-Xylene	680	Not Detected	3000	Not Detected
Styrene	680	Not Detected	2900	Not Detected
1,1,2,2-Tetrachloroethane	680	Not Detected	4700	Not Detected
1,3,5-Trimethylbenzene	680	Not Detected	3300	Not Detected
1,2,4-Trimethylbenzene	680	Not Detected	3300	Not Detected
1,3-Dichlorobenzene	680	Not Detected	4100	Not Detected
1,4-Dichlorobenzene	680	Not Detected	4100	Not Detected
alpha-Chlorotoluene	680	Not Detected	3500	Not Detected
1,2-Dichlorobenzene	680	Not Detected	4100	Not Detected
1,3-Butadiene	680	Not Detected	1500	Not Detected
Hexane	680	1300	2400	4700
Cyclohexane	680	Not Detected	2300	Not Detected
Bromodichloromethane	680	Not Detected	4600	Not Detected
Dibromochloromethane	680	Not Detected	5800	Not Detected
Heptane	680	Not Detected	2800	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-8-18FT

ID#: 0411294A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111814**	**Date of Collection:**	**11/11/04**
Dil. Factor:	**1360**	**Date of Analysis:**	**11/18/04 07:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	680	Not Detected	3300	Not Detected
Propylbenzene	680	Not Detected	3300	Not Detected
Chloromethane	2700	Not Detected	5600	Not Detected
1,2,4-Trichlorobenzene	2700	Not Detected	20000	Not Detected
Hexachlorobutadiene	2700	Not Detected	29000	Not Detected
Acetone	2700	Not Detected	6500	Not Detected
Carbon Disulfide	680	1500	2100	4600
2-Propanol	2700	5400	6700	13000
trans-1,2-Dichloroethene	680	Not Detected	2700	Not Detected
2-Butanone (Methyl Ethyl Ketone)	680	Not Detected	2000	Not Detected
Tetrahydrofuran	680	1300	2000	3800
1,4-Dioxane	2700	Not Detected	9800	Not Detected
4-Methyl-2-pentanone	680	Not Detected	2800	Not Detected
2-Hexanone	2700	Not Detected	11000	Not Detected
Bromoform	680	Not Detected	7000	Not Detected
4-Ethyltoluene	680	Not Detected	3300	Not Detected
Ethanol	2700	Not Detected	5100	Not Detected
Methyl tert-butyl ether	680	Not Detected	2400	Not Detected
2,2,4-Trimethylpentane	680	Not Detected	3200	Not Detected
3-Chloropropene	2700	Not Detected	8500	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Pentane, 2-methyl-	107-83-5	90%	7500 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	5500 N J
Heptane, 2,4-dimethyl-	2213-23-2	90%	6300 N J
Octane, 4-methyl-	2216-34-4	76%	5300 N J
Tridecane, 6-propyl-	55045-10-8	78%	3600 N J
Decane, 3,6-dimethyl-	17312-53-7	76%	4500 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-8-24FT

ID#: 0411294A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111809**	**Date of Collection:**	**11/11/04**
Dil. Factor:	**1010**	**Date of Analysis:**	**11/18/04 03:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	500	Not Detected	2500	Not Detected
Freon 114	500	Not Detected	3500	Not Detected
Vinyl Chloride	500	Not Detected	1300	Not Detected
Bromomethane	500	Not Detected U J	2000	Not Detected U J
Chloroethane	500	Not Detected	1300	Not Detected
Freon 11	500	49000	2800	280000
1,1-Dichloroethene	500	99000	2000	390000
Freon 113	500	75000	3900	580000
Methylene Chloride	500	Not Detected	1800	Not Detected
1,1-Dichloroethane	500	Not Detected	2000	Not Detected
cis-1,2-Dichloroethene	500	Not Detected	2000	Not Detected
Chloroform	500	Not Detected	2500	Not Detected
1,1,1-Trichloroethane	500	Not Detected	2800	Not Detected
Carbon Tetrachloride	500	Not Detected	3200	Not Detected
Benzene	500	Not Detected	1600	Not Detected
1,2-Dichloroethane	500	Not Detected	2000	Not Detected
Trichloroethene	500	4000	2700	22000
1,2-Dichloropropane	500	Not Detected	2300	Not Detected
cis-1,3-Dichloropropene	500	Not Detected	2300	Not Detected
Toluene	500	Not Detected	1900	Not Detected
trans-1,3-Dichloropropene	500	Not Detected	2300	Not Detected
1,1,2-Trichloroethane	500	Not Detected	2800	Not Detected
Tetrachloroethene	500	3900	3400	26000
1,2-Dibromoethane (EDB)	500	Not Detected	3900	Not Detected
Chlorobenzene	500	Not Detected	2300	Not Detected
Ethyl Benzene	500	Not Detected	2200	Not Detected
m,p-Xylene	500	Not Detected	2200	Not Detected
o-Xylene	500	Not Detected	2200	Not Detected
Styrene	500	Not Detected	2200	Not Detected
1,1,2,2-Tetrachloroethane	500	Not Detected	3500	Not Detected
1,3,5-Trimethylbenzene	500	Not Detected	2500	Not Detected
1,2,4-Trimethylbenzene	500	Not Detected	2500	Not Detected
1,3-Dichlorobenzene	500	Not Detected	3000	Not Detected
1,4-Dichlorobenzene	500	Not Detected	3000	Not Detected
alpha-Chlorotoluene	500	Not Detected	2600	Not Detected
1,2-Dichlorobenzene	500	Not Detected	3000	Not Detected
1,3-Butadiene	500	Not Detected	1100	Not Detected
Hexane	500	Not Detected	1800	Not Detected
Cyclohexane	500	Not Detected	1700	Not Detected
Bromodichloromethane	500	Not Detected	3400	Not Detected
Dibromochloromethane	500	Not Detected	4300	Not Detected
Heptane	500	Not Detected	2100	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-8-24FT

ID#: 0411294A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111809**	**Date of Collection: 11/11/04**	
Dil. Factor:	**1010**	**Date of Analysis: 11/18/04 03:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	500	Not Detected	2500	Not Detected
Propylbenzene	500	Not Detected	2500	Not Detected
Chloromethane	2000	Not Detected	4200	Not Detected
1,2,4-Trichlorobenzene	2000	Not Detected	15000	Not Detected
Hexachlorobutadiene	2000	Not Detected	22000	Not Detected
Acetone	2000	Not Detected	4800	Not Detected
Carbon Disulfide	500	Not Detected	1600	Not Detected
2-Propanol	2000	Not Detected	5000	Not Detected
trans-1,2-Dichloroethene	500	Not Detected	2000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	500	Not Detected	1500	Not Detected
Tetrahydrofuran	500	Not Detected	1500	Not Detected
1,4-Dioxane	2000	Not Detected	7300	Not Detected
4-Methyl-2-pentanone	500	Not Detected	2100	Not Detected
2-Hexanone	2000	Not Detected	8300	Not Detected
Bromoform	500	Not Detected	5200	Not Detected
4-Ethyltoluene	500	Not Detected	2500	Not Detected
Ethanol	2000	Not Detected	3800	Not Detected
Methyl tert-butyl ether	500	Not Detected	1800	Not Detected
2,2,4-Trimethylpentane	500	Not Detected	2400	Not Detected
3-Chloropropene	2000	Not Detected	6300	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-9-18FT

ID#: 0411294A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111810**	**Date of Collection:**	**11/11/04**
Dil. Factor:	**907**	**Date of Analysis:**	**11/18/04 03:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	450	Not Detected	2200	Not Detected
Freon 114	450	Not Detected	3200	Not Detected
Vinyl Chloride	450	Not Detected	1200	Not Detected
Bromomethane	450	Not Detected U J	1800	Not Detected U J
Chloroethane	450	Not Detected	1200	Not Detected
Freon 11	450	52000	2500	290000
1,1-Dichloroethene	450	82000	1800	320000
Freon 113	450	99000	3500	760000
Methylene Chloride	450	Not Detected	1600	Not Detected
1,1-Dichloroethane	450	690	1800	2800
cis-1,2-Dichloroethene	450	2000	1800	7800
Chloroform	450	Not Detected	2200	Not Detected
1,1,1-Trichloroethane	450	Not Detected	2500	Not Detected
Carbon Tetrachloride	450	Not Detected	2800	Not Detected
Benzene	450	Not Detected	1400	Not Detected
1,2-Dichloroethane	450	Not Detected	1800	Not Detected
Trichloroethene	450	7900	2400	43000
1,2-Dichloropropane	450	Not Detected	2100	Not Detected
cis-1,3-Dichloropropene	450	Not Detected	2000	Not Detected
Toluene	450	Not Detected	1700	Not Detected
trans-1,3-Dichloropropene	450	Not Detected	2000	Not Detected
1,1,2-Trichloroethane	450	Not Detected	2500	Not Detected
Tetrachloroethene	450	35000	3100	230000
1,2-Dibromoethane (EDB)	450	Not Detected	3500	Not Detected
Chlorobenzene	450	Not Detected	2100	Not Detected
Ethyl Benzene	450	Not Detected	2000	Not Detected
m,p-Xylene	450	Not Detected	2000	Not Detected
o-Xylene	450	Not Detected	2000	Not Detected
Styrene	450	Not Detected	1900	Not Detected
1,1,2,2-Tetrachloroethane	450	Not Detected	3100	Not Detected
1,3,5-Trimethylbenzene	450	Not Detected	2200	Not Detected
1,2,4-Trimethylbenzene	450	Not Detected	2200	Not Detected
1,3-Dichlorobenzene	450	Not Detected	2700	Not Detected
1,4-Dichlorobenzene	450	Not Detected	2700	Not Detected
alpha-Chlorotoluene	450	Not Detected	2300	Not Detected
1,2-Dichlorobenzene	450	Not Detected	2700	Not Detected
1,3-Butadiene	450	Not Detected	1000	Not Detected
Hexane	450	Not Detected	1600	Not Detected
Cyclohexane	450	Not Detected	1600	Not Detected
Bromodichloromethane	450	Not Detected	3000	Not Detected
Dibromochloromethane	450	Not Detected	3900	Not Detected
Heptane	450	Not Detected	1800	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-9-18FT

ID#: 0411294A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111810**	**Date of Collection:**	**11/11/04**
Dil. Factor:	**907**	**Date of Analysis:**	**11/18/04 03:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	450	Not Detected	2200	Not Detected
Propylbenzene	450	Not Detected	2200	Not Detected
Chloromethane	1800	Not Detected	3700	Not Detected
1,2,4-Trichlorobenzene	1800	Not Detected	13000	Not Detected
Hexachlorobutadiene	1800	Not Detected	19000	Not Detected
Acetone	1800	Not Detected	4300	Not Detected
Carbon Disulfide	450	Not Detected	1400	Not Detected
2-Propanol	1800	Not Detected	4400	Not Detected
trans-1,2-Dichloroethene	450	Not Detected	1800	Not Detected
2-Butanone (Methyl Ethyl Ketone)	450	Not Detected	1300	Not Detected
Tetrahydrofuran	450	Not Detected	1300	Not Detected
1,4-Dioxane	1800	Not Detected	6500	Not Detected
4-Methyl-2-pentanone	450	Not Detected	1800	Not Detected
2-Hexanone	1800	Not Detected	7400	Not Detected
Bromoform	450	Not Detected	4700	Not Detected
4-Ethyltoluene	450	Not Detected	2200	Not Detected
Ethanol	1800	Not Detected	3400	Not Detected
Methyl tert-butyl ether	450	Not Detected	1600	Not Detected
2,2,4-Trimethylpentane	450	Not Detected	2100	Not Detected
3-Chloropropene	1800	Not Detected	5700	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	2700 N J
Undecane, 4,7-dimethyl-	17301-32-5	72%	2800 N J
Decane, 2,2,5-trimethyl-	62237-96-1	64%	2600 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-9-24FT

ID#: 0411294A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111811**	**Date of Collection: 11/11/04**	
Dil. Factor:	**15.7**	**Date of Analysis: 11/18/04 04:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	7.8	Not Detected	39	Not Detected
Freon 114	7.8	Not Detected	55	Not Detected
Vinyl Chloride	7.8	Not Detected	20	Not Detected
Bromomethane	7.8	Not Detected U J	30	Not Detected U J
Chloroethane	7.8	Not Detected	21	Not Detected
Freon 11	7.8	800	44	4500
1,1-Dichloroethene	7.8	800	31	3200
Freon 113	7.8	1700	60	13000
Methylene Chloride	7.8	Not Detected	27	Not Detected
1,1-Dichloroethane	7.8	8.1	32	33
cis-1,2-Dichloroethene	7.8	13	31	53
Chloroform	7.8	Not Detected	38	Not Detected
1,1,1-Trichloroethane	7.8	Not Detected	43	Not Detected
Carbon Tetrachloride	7.8	Not Detected	49	Not Detected
Benzene	7.8	Not Detected	25	Not Detected
1,2-Dichloroethane	7.8	Not Detected	32	Not Detected
Trichloroethene	7.8	37	42	200
1,2-Dichloropropane	7.8	Not Detected	36	Not Detected
cis-1,3-Dichloropropene	7.8	Not Detected	36	Not Detected
Toluene	7.8	Not Detected	30	Not Detected
trans-1,3-Dichloropropene	7.8	Not Detected	36	Not Detected
1,1,2-Trichloroethane	7.8	Not Detected	43	Not Detected
Tetrachloroethene	7.8	72	53	490
1,2-Dibromoethane (EDB)	7.8	Not Detected	60	Not Detected
Chlorobenzene	7.8	Not Detected	36	Not Detected
Ethyl Benzene	7.8	Not Detected	34	Not Detected
m,p-Xylene	7.8	Not Detected	34	Not Detected
o-Xylene	7.8	Not Detected	34	Not Detected
Styrene	7.8	Not Detected	33	Not Detected
1,1,2,2-Tetrachloroethane	7.8	Not Detected	54	Not Detected
1,3,5-Trimethylbenzene	7.8	Not Detected	38	Not Detected
1,2,4-Trimethylbenzene	7.8	Not Detected	38	Not Detected
1,3-Dichlorobenzene	7.8	Not Detected	47	Not Detected
1,4-Dichlorobenzene	7.8	Not Detected	47	Not Detected
alpha-Chlorotoluene	7.8	Not Detected	41	Not Detected
1,2-Dichlorobenzene	7.8	Not Detected	47	Not Detected
1,3-Butadiene	7.8	Not Detected	17	Not Detected
Hexane	7.8	Not Detected	28	Not Detected
Cyclohexane	7.8	Not Detected	27	Not Detected
Bromodichloromethane	7.8	Not Detected	52	Not Detected
Dibromochloromethane	7.8	Not Detected	67	Not Detected
Heptane	7.8	Not Detected	32	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-9-24FT

ID#: 0411294A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111811**	**Date of Collection:**	**11/11/04**
Dil. Factor:	**15.7**	**Date of Analysis:**	**11/18/04 04:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	7.8	Not Detected	38	Not Detected
Propylbenzene	7.8	Not Detected	38	Not Detected
Chloromethane	31	Not Detected	65	Not Detected
1,2,4-Trichlorobenzene	31	Not Detected	230	Not Detected
Hexachlorobutadiene	31	Not Detected	330	Not Detected
Acetone	31	190	74	460
Carbon Disulfide	7.8	Not Detected	24	Not Detected
2-Propanol	31	Not Detected	77	Not Detected
trans-1,2-Dichloroethene	7.8	Not Detected	31	Not Detected
2-Butanone (Methyl Ethyl Ketone)	7.8	Not Detected	23	Not Detected
Tetrahydrofuran	7.8	Not Detected	23	Not Detected
1,4-Dioxane	31	Not Detected	110	Not Detected
4-Methyl-2-pentanone	7.8	Not Detected	32	Not Detected
2-Hexanone	31	Not Detected	130	Not Detected
Bromoform	7.8	Not Detected	81	Not Detected
4-Ethyltoluene	7.8	Not Detected	38	Not Detected
Ethanol	31	68	59	130
Methyl tert-butyl ether	7.8	Not Detected	28	Not Detected
2,2,4-Trimethylpentane	7.8	Not Detected	37	Not Detected
3-Chloropropene	31	Not Detected	98	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
2-Butene, (Z)-	590-18-1	72%	83 N J
Unknown	NA	NA	43 J
Decane, 2,2,8-trimethyl-	62238-01-1	72%	95 N J
Decane, 2,2,4-trimethyl-	62237-98-3	59%	58 N J
Nonadecane	629-92-5	83%	53 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-10-18FT

ID#: 0411294A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111812**	**Date of Collection: 11/11/04**	
Dil. Factor:	**348**	**Date of Analysis: 11/18/04 05:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	170	Not Detected	860	Not Detected
Freon 114	170	Not Detected	1200	Not Detected
Vinyl Chloride	170	Not Detected	440	Not Detected
Bromomethane	170	Not Detected U J	680	Not Detected U J
Chloroethane	170	Not Detected	460	Not Detected
Freon 11	170	13000	980	76000
1,1-Dichloroethene	170	16000	690	65000
Freon 113	170	36000	1300	280000
Methylene Chloride	170	Not Detected	600	Not Detected
1,1-Dichloroethane	170	1500	700	6000
cis-1,2-Dichloroethene	170	2500	690	9900
Chloroform	170	1100	850	5200
1,1,1-Trichloroethane	170	2200	950	12000
Carbon Tetrachloride	170	Not Detected	1100	Not Detected
Benzene	170	Not Detected	560	Not Detected
1,2-Dichloroethane	170	230	700	950
Trichloroethene	170	4800	940	26000
1,2-Dichloropropane	170	Not Detected	800	Not Detected
cis-1,3-Dichloropropene	170	Not Detected	790	Not Detected
Toluene	170	Not Detected	660	Not Detected
trans-1,3-Dichloropropene	170	Not Detected	790	Not Detected
1,1,2-Trichloroethane	170	Not Detected	950	Not Detected
Tetrachloroethene	170	44000	1200	300000
1,2-Dibromoethane (EDB)	170	Not Detected	1300	Not Detected
Chlorobenzene	170	Not Detected	800	Not Detected
Ethyl Benzene	170	Not Detected	760	Not Detected
m,p-Xylene	170	Not Detected	760	Not Detected
o-Xylene	170	Not Detected	760	Not Detected
Styrene	170	Not Detected	740	Not Detected
1,1,2,2-Tetrachloroethane	170	Not Detected	1200	Not Detected
1,3,5-Trimethylbenzene	170	Not Detected	860	Not Detected
1,2,4-Trimethylbenzene	170	Not Detected	860	Not Detected
1,3-Dichlorobenzene	170	Not Detected	1000	Not Detected
1,4-Dichlorobenzene	170	Not Detected	1000	Not Detected
alpha-Chlorotoluene	170	Not Detected	900	Not Detected
1,2-Dichlorobenzene	170	Not Detected	1000	Not Detected
1,3-Butadiene	170	Not Detected	380	Not Detected
Hexane	170	Not Detected	610	Not Detected
Cyclohexane	170	Not Detected	600	Not Detected
Bromodichloromethane	170	Not Detected	1200	Not Detected
Dibromochloromethane	170	Not Detected	1500	Not Detected
Heptane	170	Not Detected	710	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-10-18FT

ID#: 0411294A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111812**	**Date of Collection: 11/11/04**	
Dil. Factor:	**348**	**Date of Analysis: 11/18/04 05:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	170	Not Detected	860	Not Detected
Propylbenzene	170	Not Detected	860	Not Detected
Chloromethane	700	Not Detected	1400	Not Detected
1,2,4-Trichlorobenzene	700	Not Detected	5200	Not Detected
Hexachlorobutadiene	700	Not Detected	7400	Not Detected
Acetone	700	Not Detected	1600	Not Detected
Carbon Disulfide	170	Not Detected	540	Not Detected
2-Propanol	700	Not Detected	1700	Not Detected
trans-1,2-Dichloroethene	170	180	690	720
2-Butanone (Methyl Ethyl Ketone)	170	Not Detected	510	Not Detected
Tetrahydrofuran	170	Not Detected	510	Not Detected
1,4-Dioxane	700	Not Detected	2500	Not Detected
4-Methyl-2-pentanone	170	Not Detected	710	Not Detected
2-Hexanone	700	Not Detected	2800	Not Detected
Bromoform	170	Not Detected	1800	Not Detected
4-Ethyltoluene	170	Not Detected	860	Not Detected
Ethanol	700	Not Detected	1300	Not Detected
Methyl tert-butyl ether	170	Not Detected	630	Not Detected
2,2,4-Trimethylpentane	170	Not Detected	810	Not Detected
3-Chloropropene	700	Not Detected	2200	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	1800 N J
Octane, 2,5,6-trimethyl-	62016-14-2	64%	1200 N J
Undecane, 2,2-dimethyl-	17312-64-0	64%	2300 N J
Eicosane	112-95-8	59%	3100 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	3500 N J
Decane, 2,3,8-trimethyl-	62238-14-6	53%	1300 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-10-24FT

ID#: 0411294A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111813**	**Date of Collection: 11/11/04**	
Dil. Factor:	**352**	**Date of Analysis: 11/18/04 05:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	180	Not Detected	870	Not Detected
Freon 114	180	Not Detected	1200	Not Detected
Vinyl Chloride	180	Not Detected	450	Not Detected
Bromomethane	180	Not Detected U J	680	Not Detected U J
Chloroethane	180	Not Detected	460	Not Detected
Freon 11	180	16000	990	88000
1,1-Dichloroethene	180	19000	700	77000
Freon 113	180	41000	1300	310000
Methylene Chloride	180	Not Detected	610	Not Detected
1,1-Dichloroethane	180	2200	710	8800
cis-1,2-Dichloroethene	180	2600	700	10000
Chloroform	180	1500	860	7600
1,1,1-Trichloroethane	180	1900	960	10000
Carbon Tetrachloride	180	Not Detected	1100	Not Detected
Benzene	180	Not Detected	560	Not Detected
1,2-Dichloroethane	180	760	710	3100
Trichloroethene	180	4000	940	22000
1,2-Dichloropropane	180	Not Detected	810	Not Detected
cis-1,3-Dichloropropene	180	Not Detected	800	Not Detected
Toluene	180	Not Detected	660	Not Detected
trans-1,3-Dichloropropene	180	Not Detected	800	Not Detected
1,1,2-Trichloroethane	180	Not Detected	960	Not Detected
Tetrachloroethene	180	31000	1200	210000
1,2-Dibromoethane (EDB)	180	Not Detected	1400	Not Detected
Chlorobenzene	180	Not Detected	810	Not Detected
Ethyl Benzene	180	Not Detected	760	Not Detected
m,p-Xylene	180	Not Detected	760	Not Detected
o-Xylene	180	Not Detected	760	Not Detected
Styrene	180	Not Detected	750	Not Detected
1,1,2,2-Tetrachloroethane	180	Not Detected	1200	Not Detected
1,3,5-Trimethylbenzene	180	Not Detected	860	Not Detected
1,2,4-Trimethylbenzene	180	Not Detected	860	Not Detected
1,3-Dichlorobenzene	180	Not Detected	1000	Not Detected
1,4-Dichlorobenzene	180	Not Detected	1000	Not Detected
alpha-Chlorotoluene	180	Not Detected	910	Not Detected
1,2-Dichlorobenzene	180	Not Detected	1000	Not Detected
1,3-Butadiene	180	Not Detected	390	Not Detected
Hexane	180	Not Detected	620	Not Detected
Cyclohexane	180	Not Detected	600	Not Detected
Bromodichloromethane	180	Not Detected	1200	Not Detected
Dibromochloromethane	180	Not Detected	1500	Not Detected
Heptane	180	Not Detected	720	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-10-24FT

ID#: 0411294A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111813**	**Date of Collection: 11/11/04**	
Dil. Factor:	**352**	**Date of Analysis: 11/18/04 05:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	180	Not Detected	860	Not Detected
Propylbenzene	180	Not Detected	860	Not Detected
Chloromethane	700	Not Detected	1400	Not Detected
1,2,4-Trichlorobenzene	700	Not Detected	5200	Not Detected
Hexachlorobutadiene	700	Not Detected	7500	Not Detected
Acetone	700	Not Detected	1700	Not Detected
Carbon Disulfide	180	Not Detected	550	Not Detected
2-Propanol	700	Not Detected	1700	Not Detected
trans-1,2-Dichloroethene	180	210	700	820
2-Butanone (Methyl Ethyl Ketone)	180	Not Detected	520	Not Detected
Tetrahydrofuran	180	Not Detected	520	Not Detected
1,4-Dioxane	700	Not Detected	2500	Not Detected
4-Methyl-2-pentanone	180	Not Detected	720	Not Detected
2-Hexanone	700	Not Detected	2900	Not Detected
Bromoform	180	Not Detected	1800	Not Detected
4-Ethyltoluene	180	Not Detected	860	Not Detected
Ethanol	700	Not Detected	1300	Not Detected
Methyl tert-butyl ether	180	Not Detected	630	Not Detected
2,2,4-Trimethylpentane	180	Not Detected	820	Not Detected
3-Chloropropene	700	Not Detected	2200	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	1800 N J
Octane, 2,5,6-trimethyl-	62016-14-2	78%	980 N J
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	64%	1900 N J
Hexacosane	630-01-3	72%	2600 N J
Hexane, 2,2,3-trimethyl-	16747-25-4	59%	2400 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-11-18FT

ID#: 0411294A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111905**	**Date of Collection: 11/11/04**	
Dil. Factor:	**1360**	**Date of Analysis: 11/19/04 11:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	680	Not Detected	3400	Not Detected
Freon 114	680	Not Detected	4800	Not Detected
Vinyl Chloride	680	Not Detected	1700	Not Detected
Bromomethane	680	Not Detected	2600	Not Detected
Chloroethane	680	Not Detected	1800	Not Detected
Freon 11	680	110000	3800	630000
1,1-Dichloroethene	680	220000	2700	880000
Freon 113	680	170000	5200	1300000
Methylene Chloride	680	Not Detected	2400	Not Detected
1,1-Dichloroethane	680	Not Detected	2800	Not Detected
cis-1,2-Dichloroethene	680	Not Detected	2700	Not Detected
Chloroform	680	Not Detected	3300	Not Detected
1,1,1-Trichloroethane	680	Not Detected	3700	Not Detected
Carbon Tetrachloride	680	Not Detected	4300	Not Detected
Benzene	680	Not Detected	2200	Not Detected
1,2-Dichloroethane	680	Not Detected	2800	Not Detected
Trichloroethene	680	17000	3600	89000
1,2-Dichloropropane	680	Not Detected	3100	Not Detected
cis-1,3-Dichloropropene	680	Not Detected	3100	Not Detected
Toluene	680	Not Detected	2600	Not Detected
trans-1,3-Dichloropropene	680	Not Detected	3100	Not Detected
1,1,2-Trichloroethane	680	Not Detected	3700	Not Detected
Tetrachloroethene	680	26000	4600	180000
1,2-Dibromoethane (EDB)	680	Not Detected	5200	Not Detected
Chlorobenzene	680	Not Detected	3100	Not Detected
Ethyl Benzene	680	Not Detected	3000	Not Detected
m,p-Xylene	680	Not Detected	3000	Not Detected
o-Xylene	680	Not Detected	3000	Not Detected
Styrene	680	Not Detected	2900	Not Detected
1,1,2,2-Tetrachloroethane	680	Not Detected	4700	Not Detected
1,3,5-Trimethylbenzene	680	Not Detected	3300	Not Detected
1,2,4-Trimethylbenzene	680	Not Detected	3300	Not Detected
1,3-Dichlorobenzene	680	Not Detected	4100	Not Detected
1,4-Dichlorobenzene	680	Not Detected	4100	Not Detected
alpha-Chlorotoluene	680	Not Detected	3500	Not Detected
1,2-Dichlorobenzene	680	Not Detected	4100	Not Detected
1,3-Butadiene	680	Not Detected	1500	Not Detected
Hexane	680	Not Detected	2400	Not Detected
Cyclohexane	680	Not Detected	2300	Not Detected
Bromodichloromethane	680	Not Detected	4600	Not Detected
Dibromochloromethane	680	Not Detected	5800	Not Detected
Heptane	680	Not Detected	2800	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-11-18FT

ID#: 0411294A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111905**	**Date of Collection: 11/11/04**	
Dil. Factor:	**1360**	**Date of Analysis: 11/19/04 11:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	680	Not Detected	3300	Not Detected
Propylbenzene	680	Not Detected	3300	Not Detected
Chloromethane	2700	Not Detected	5600	Not Detected
1,2,4-Trichlorobenzene	2700	Not Detected	20000	Not Detected
Hexachlorobutadiene	2700	Not Detected	29000	Not Detected
Acetone	2700	Not Detected	6500	Not Detected
Carbon Disulfide	680	Not Detected	2100	Not Detected
2-Propanol	2700	Not Detected	6700	Not Detected
trans-1,2-Dichloroethene	680	Not Detected	2700	Not Detected
2-Butanone (Methyl Ethyl Ketone)	680	Not Detected	2000	Not Detected
Tetrahydrofuran	680	Not Detected	2000	Not Detected
1,4-Dioxane	2700	Not Detected	9800	Not Detected
4-Methyl-2-pentanone	680	Not Detected	2800	Not Detected
2-Hexanone	2700	Not Detected	11000	Not Detected
Bromoform	680	Not Detected	7000	Not Detected
4-Ethyltoluene	680	Not Detected	3300	Not Detected
Ethanol	2700	Not Detected	5100	Not Detected
Methyl tert-butyl ether	680	Not Detected	2400	Not Detected
2,2,4-Trimethylpentane	680	Not Detected	3200	Not Detected
3-Chloropropene	2700	Not Detected	8500	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	5700 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-11-24FT

ID#: 0411294A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111906**	**Date of Collection: 11/11/04**	
Dil. Factor:	**2720**	**Date of Analysis: 11/19/04 12:03 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1400	Not Detected	6700	Not Detected
Freon 114	1400	Not Detected	9500	Not Detected
Vinyl Chloride	1400	Not Detected	3500	Not Detected
Bromomethane	1400	Not Detected	5300	Not Detected
Chloroethane	1400	Not Detected	3600	Not Detected
Freon 11	1400	160000	7600	920000
1,1-Dichloroethene	1400	410000	5400	1600000
Freon 113	1400	220000	10000	1700000
Methylene Chloride	1400	Not Detected	4700	Not Detected
1,1-Dichloroethane	1400	Not Detected	5500	Not Detected
cis-1,2-Dichloroethene	1400	Not Detected	5400	Not Detected
Chloroform	1400	Not Detected	6600	Not Detected
1,1,1-Trichloroethane	1400	Not Detected	7400	Not Detected
Carbon Tetrachloride	1400	Not Detected	8600	Not Detected
Benzene	1400	Not Detected	4300	Not Detected
1,2-Dichloroethane	1400	Not Detected	5500	Not Detected
Trichloroethene	1400	38000	7300	200000
1,2-Dichloropropane	1400	Not Detected	6300	Not Detected
cis-1,3-Dichloropropene	1400	Not Detected	6200	Not Detected
Toluene	1400	Not Detected	5100	Not Detected
trans-1,3-Dichloropropene	1400	Not Detected	6200	Not Detected
1,1,2-Trichloroethane	1400	Not Detected	7400	Not Detected
Tetrachloroethene	1400	81000	9200	550000
1,2-Dibromoethane (EDB)	1400	Not Detected	10000	Not Detected
Chlorobenzene	1400	Not Detected	6300	Not Detected
Ethyl Benzene	1400	Not Detected	5900	Not Detected
m,p-Xylene	1400	Not Detected	5900	Not Detected
o-Xylene	1400	Not Detected	5900	Not Detected
Styrene	1400	Not Detected	5800	Not Detected
1,1,2,2-Tetrachloroethane	1400	Not Detected	9300	Not Detected
1,3,5-Trimethylbenzene	1400	Not Detected	6700	Not Detected
1,2,4-Trimethylbenzene	1400	Not Detected	6700	Not Detected
1,3-Dichlorobenzene	1400	Not Detected	8200	Not Detected
1,4-Dichlorobenzene	1400	Not Detected	8200	Not Detected
alpha-Chlorotoluene	1400	Not Detected	7000	Not Detected
1,2-Dichlorobenzene	1400	Not Detected	8200	Not Detected
1,3-Butadiene	1400	Not Detected	3000	Not Detected
Hexane	1400	Not Detected	4800	Not Detected
Cyclohexane	1400	Not Detected	4700	Not Detected
Bromodichloromethane	1400	Not Detected	9100	Not Detected
Dibromochloromethane	1400	Not Detected	12000	Not Detected
Heptane	1400	Not Detected	5600	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-11-24FT

ID#: 0411294A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111906**	**Date of Collection: 11/11/04**	
Dil. Factor:	**2720**	**Date of Analysis: 11/19/04 12:03 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1400	Not Detected	6700	Not Detected
Propylbenzene	1400	Not Detected	6700	Not Detected
Chloromethane	5400	Not Detected	11000	Not Detected
1,2,4-Trichlorobenzene	5400	Not Detected	40000	Not Detected
Hexachlorobutadiene	5400	Not Detected	58000	Not Detected
Acetone	5400	Not Detected	13000	Not Detected
Carbon Disulfide	1400	Not Detected	4200	Not Detected
2-Propanol	5400	Not Detected	13000	Not Detected
trans-1,2-Dichloroethene	1400	1800	5400	7000
2-Butanone (Methyl Ethyl Ketone)	1400	Not Detected	4000	Not Detected
Tetrahydrofuran	1400	Not Detected	4000	Not Detected
1,4-Dioxane	5400	Not Detected	20000	Not Detected
4-Methyl-2-pentanone	1400	Not Detected	5600	Not Detected
2-Hexanone	5400	Not Detected	22000	Not Detected
Bromoform	1400	Not Detected	14000	Not Detected
4-Ethyltoluene	1400	Not Detected	6700	Not Detected
Ethanol	5400	Not Detected	10000	Not Detected
Methyl tert-butyl ether	1400	Not Detected	4900	Not Detected
2,2,4-Trimethylpentane	1400	Not Detected	6400	Not Detected
3-Chloropropene	5400	Not Detected	17000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	90%	8800 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-7-24FT-Dup

ID#: 0411294A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111907**	**Date of Collection: 11/11/04**	
Dil. Factor:	**282**	**Date of Analysis: 11/19/04 12:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	140	Not Detected	700	Not Detected
Freon 114	140	Not Detected	980	Not Detected
Vinyl Chloride	140	Not Detected	360	Not Detected
Bromomethane	140	Not Detected	550	Not Detected
Chloroethane	140	Not Detected	370	Not Detected
Freon 11	140	15000	790	86000
1,1-Dichloroethene	140	53000	560	210000
Freon 113	140	20000	1100	150000
Methylene Chloride	140	Not Detected	490	Not Detected
1,1-Dichloroethane	140	Not Detected	570	Not Detected
cis-1,2-Dichloroethene	140	Not Detected	560	Not Detected
Chloroform	140	Not Detected	690	Not Detected
1,1,1-Trichloroethane	140	Not Detected	770	Not Detected
Carbon Tetrachloride	140	Not Detected	890	Not Detected
Benzene	140	Not Detected	450	Not Detected
1,2-Dichloroethane	140	Not Detected	570	Not Detected
Trichloroethene	140	42000	760	220000
1,2-Dichloropropane	140	Not Detected	650	Not Detected
cis-1,3-Dichloropropene	140	Not Detected	640	Not Detected
Toluene	140	Not Detected	530	Not Detected
trans-1,3-Dichloropropene	140	Not Detected	640	Not Detected
1,1,2-Trichloroethane	140	Not Detected	770	Not Detected
Tetrachloroethene	140	15000	960	100000
1,2-Dibromoethane (EDB)	140	Not Detected	1100	Not Detected
Chlorobenzene	140	Not Detected	650	Not Detected
Ethyl Benzene	140	Not Detected	610	Not Detected
m,p-Xylene	140	Not Detected	610	Not Detected
o-Xylene	140	Not Detected	610	Not Detected
Styrene	140	Not Detected	600	Not Detected
1,1,2,2-Tetrachloroethane	140	Not Detected	970	Not Detected
1,3,5-Trimethylbenzene	140	Not Detected	690	Not Detected
1,2,4-Trimethylbenzene	140	Not Detected	690	Not Detected
1,3-Dichlorobenzene	140	Not Detected	850	Not Detected
1,4-Dichlorobenzene	140	Not Detected	850	Not Detected
alpha-Chlorotoluene	140	Not Detected	730	Not Detected
1,2-Dichlorobenzene	140	Not Detected	850	Not Detected
1,3-Butadiene	140	Not Detected	310	Not Detected
Hexane	140	Not Detected	500	Not Detected
Cyclohexane	140	Not Detected	480	Not Detected
Bromodichloromethane	140	Not Detected	940	Not Detected
Dibromochloromethane	140	Not Detected	1200	Not Detected
Heptane	140	Not Detected	580	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-7-24FT-Dup

ID#: 0411294A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111907**	**Date of Collection: 11/11/04**	
Dil. Factor:	**282**	**Date of Analysis: 11/19/04 12:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	140	Not Detected	690	Not Detected
Propylbenzene	140	Not Detected	690	Not Detected
Chloromethane	560	Not Detected	1200	Not Detected
1,2,4-Trichlorobenzene	560	Not Detected	4200	Not Detected
Hexachlorobutadiene	560	Not Detected	6000	Not Detected
Acetone	560	Not Detected	1300	Not Detected
Carbon Disulfide	140	Not Detected	440	Not Detected
2-Propanol	560	Not Detected	1400	Not Detected
trans-1,2-Dichloroethene	140	Not Detected	560	Not Detected
2-Butanone (Methyl Ethyl Ketone)	140	Not Detected	420	Not Detected
Tetrahydrofuran	140	Not Detected	420	Not Detected
1,4-Dioxane	560	Not Detected	2000	Not Detected
4-Methyl-2-pentanone	140	Not Detected	580	Not Detected
2-Hexanone	560	Not Detected	2300	Not Detected
Bromoform	140	Not Detected	1400	Not Detected
4-Ethyltoluene	140	Not Detected	690	Not Detected
Ethanol	560	Not Detected	1100	Not Detected
Methyl tert-butyl ether	140	Not Detected	510	Not Detected
2,2,4-Trimethylpentane	140	Not Detected	660	Not Detected
3-Chloropropene	560	Not Detected	1800	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	880 J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	830 N J
Decane, 2,2,5-trimethyl-	62237-96-1	72%	950 N J
Decane, 2,2-dimethyl-	17302-37-3	83%	2400 N J
Decane, 2,2,9-trimethyl-	62238-00-0	59%	830 N J
Nonane, 3-methyl-5-propyl-	31081-18-2	72%	3200 N J
Hexane, 2,2,4-trimethyl-	16747-26-5	64%	3800 N J
Dodecane, 2,7,10-trimethyl-	74645-98-0	53%	1300 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-13-6FT

ID#: 0411294A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111908**	**Date of Collection: 11/11/04**	
Dil. Factor:	**268**	**Date of Analysis: 11/19/04 01:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	130	190	660	950
Freon 114	130	Not Detected	940	Not Detected
Vinyl Chloride	130	Not Detected	340	Not Detected
Bromomethane	130	Not Detected	520	Not Detected
Chloroethane	130	Not Detected	350	Not Detected
Freon 11	130	10000	750	56000
1,1-Dichloroethene	130	32000	530	120000
Freon 113	130	29000	1000	220000
Methylene Chloride	130	Not Detected	460	Not Detected
1,1-Dichloroethane	130	Not Detected	540	Not Detected
cis-1,2-Dichloroethene	130	Not Detected	530	Not Detected
Chloroform	130	Not Detected	650	Not Detected
1,1,1-Trichloroethane	130	Not Detected	730	Not Detected
Carbon Tetrachloride	130	Not Detected	840	Not Detected
Benzene	130	Not Detected	430	Not Detected
1,2-Dichloroethane	130	Not Detected	540	Not Detected
Trichloroethene	130	310	720	1700
1,2-Dichloropropane	130	Not Detected	620	Not Detected
cis-1,3-Dichloropropene	130	Not Detected	610	Not Detected
Toluene	130	Not Detected	500	Not Detected
trans-1,3-Dichloropropene	130	Not Detected	610	Not Detected
1,1,2-Trichloroethane	130	Not Detected	730	Not Detected
Tetrachloroethene	130	3600	910	24000
1,2-Dibromoethane (EDB)	130	Not Detected	1000	Not Detected
Chlorobenzene	130	Not Detected	620	Not Detected
Ethyl Benzene	130	Not Detected	580	Not Detected
m,p-Xylene	130	Not Detected	580	Not Detected
o-Xylene	130	Not Detected	580	Not Detected
Styrene	130	Not Detected	570	Not Detected
1,1,2,2-Tetrachloroethane	130	Not Detected	920	Not Detected
1,3,5-Trimethylbenzene	130	Not Detected	660	Not Detected
1,2,4-Trimethylbenzene	130	Not Detected	660	Not Detected
1,3-Dichlorobenzene	130	Not Detected	800	Not Detected
1,4-Dichlorobenzene	130	Not Detected	800	Not Detected
alpha-Chlorotoluene	130	Not Detected	690	Not Detected
1,2-Dichlorobenzene	130	Not Detected	800	Not Detected
1,3-Butadiene	130	Not Detected	300	Not Detected
Hexane	130	Not Detected	470	Not Detected
Cyclohexane	130	Not Detected	460	Not Detected
Bromodichloromethane	130	Not Detected	900	Not Detected
Dibromochloromethane	130	Not Detected	1100	Not Detected
Heptane	130	Not Detected	550	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-13-6FT

ID#: 0411294A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111908**	**Date of Collection: 11/11/04**	
Dil. Factor:	**268**	**Date of Analysis: 11/19/04 01:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	130	Not Detected	660	Not Detected
Propylbenzene	130	Not Detected	660	Not Detected
Chloromethane	540	Not Detected	1100	Not Detected
1,2,4-Trichlorobenzene	540	Not Detected	4000	Not Detected
Hexachlorobutadiene	540	Not Detected	5700	Not Detected
Acetone	540	Not Detected	1300	Not Detected
Carbon Disulfide	130	Not Detected	420	Not Detected
2-Propanol	540	Not Detected	1300	Not Detected
trans-1,2-Dichloroethene	130	Not Detected	530	Not Detected
2-Butanone (Methyl Ethyl Ketone)	130	Not Detected	400	Not Detected
Tetrahydrofuran	130	Not Detected	400	Not Detected
1,4-Dioxane	540	Not Detected	1900	Not Detected
4-Methyl-2-pentanone	130	Not Detected	550	Not Detected
2-Hexanone	540	Not Detected	2200	Not Detected
Bromoform	130	Not Detected	1400	Not Detected
4-Ethyltoluene	130	Not Detected	660	Not Detected
Ethanol	540	Not Detected	1000	Not Detected
Methyl tert-butyl ether	130	Not Detected	480	Not Detected
2,2,4-Trimethylpentane	130	Not Detected	620	Not Detected
3-Chloropropene	540	Not Detected	1700	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Hexacosane	630-01-3	83%	720 N J
Heptane, 2,2,3,4,6,6-hexamethyl-	62108-32-1	64%	850 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-13-12FT

ID#: 0411294A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111909**	**Date of Collection: 11/11/04**	
Dil. Factor:	**893**	**Date of Analysis: 11/19/04 01:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	450	550	2200	2700
Freon 114	450	Not Detected	3100	Not Detected
Vinyl Chloride	450	Not Detected	1100	Not Detected
Bromomethane	450	Not Detected	1700	Not Detected
Chloroethane	450	Not Detected	1200	Not Detected
Freon 11	450	35000	2500	190000
1,1-Dichloroethene	450	110000	1800	450000
Freon 113	450	100000	3400	800000
Methylene Chloride	450	Not Detected	1600	Not Detected
1,1-Dichloroethane	450	Not Detected	1800	Not Detected
cis-1,2-Dichloroethene	450	Not Detected	1800	Not Detected
Chloroform	450	Not Detected	2200	Not Detected
1,1,1-Trichloroethane	450	Not Detected	2400	Not Detected
Carbon Tetrachloride	450	Not Detected	2800	Not Detected
Benzene	450	Not Detected	1400	Not Detected
1,2-Dichloroethane	450	Not Detected	1800	Not Detected
Trichloroethene	450	1100	2400	6000
1,2-Dichloropropane	450	Not Detected	2100	Not Detected
cis-1,3-Dichloropropene	450	Not Detected	2000	Not Detected
Toluene	450	Not Detected	1700	Not Detected
trans-1,3-Dichloropropene	450	Not Detected	2000	Not Detected
1,1,2-Trichloroethane	450	Not Detected	2400	Not Detected
Tetrachloroethene	450	10000	3000	70000
1,2-Dibromoethane (EDB)	450	Not Detected	3400	Not Detected
Chlorobenzene	450	Not Detected	2000	Not Detected
Ethyl Benzene	450	Not Detected	1900	Not Detected
m,p-Xylene	450	Not Detected	1900	Not Detected
o-Xylene	450	Not Detected	1900	Not Detected
Styrene	450	Not Detected	1900	Not Detected
1,1,2,2-Tetrachloroethane	450	Not Detected	3100	Not Detected
1,3,5-Trimethylbenzene	450	Not Detected	2200	Not Detected
1,2,4-Trimethylbenzene	450	Not Detected	2200	Not Detected
1,3-Dichlorobenzene	450	Not Detected	2700	Not Detected
1,4-Dichlorobenzene	450	Not Detected	2700	Not Detected
alpha-Chlorotoluene	450	Not Detected	2300	Not Detected
1,2-Dichlorobenzene	450	Not Detected	2700	Not Detected
1,3-Butadiene	450	Not Detected	990	Not Detected
Hexane	450	Not Detected	1600	Not Detected
Cyclohexane	450	Not Detected	1500	Not Detected
Bromodichloromethane	450	Not Detected	3000	Not Detected
Dibromochloromethane	450	Not Detected	3800	Not Detected
Heptane	450	Not Detected	1800	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-13-12FT

ID#: 0411294A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111909**	**Date of Collection: 11/11/04**	
Dil. Factor:	**893**	**Date of Analysis: 11/19/04 01:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	450	Not Detected	2200	Not Detected
Propylbenzene	450	Not Detected	2200	Not Detected
Chloromethane	1800	Not Detected	3700	Not Detected
1,2,4-Trichlorobenzene	1800	Not Detected	13000	Not Detected
Hexachlorobutadiene	1800	Not Detected	19000	Not Detected
Acetone	1800	Not Detected	4200	Not Detected
Carbon Disulfide	450	Not Detected	1400	Not Detected
2-Propanol	1800	Not Detected	4400	Not Detected
trans-1,2-Dichloroethene	450	Not Detected	1800	Not Detected
2-Butanone (Methyl Ethyl Ketone)	450	Not Detected	1300	Not Detected
Tetrahydrofuran	450	Not Detected	1300	Not Detected
1,4-Dioxane	1800	Not Detected	6400	Not Detected
4-Methyl-2-pentanone	450	Not Detected	1800	Not Detected
2-Hexanone	1800	Not Detected	7300	Not Detected
Bromoform	450	Not Detected	4600	Not Detected
4-Ethyltoluene	450	Not Detected	2200	Not Detected
Ethanol	1800	Not Detected	3400	Not Detected
Methyl tert-butyl ether	450	Not Detected	1600	Not Detected
2,2,4-Trimethylpentane	450	Not Detected	2100	Not Detected
3-Chloropropene	1800	Not Detected	5600	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-14-6FT

ID#: 0411294A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111910**	**Date of Collection: 11/11/04**	
Dil. Factor:	**1340**	**Date of Analysis: 11/19/04 02:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	670	800	3300	3900
Freon 114	670	Not Detected	4700	Not Detected
Vinyl Chloride	670	Not Detected	1700	Not Detected
Bromomethane	670	Not Detected	2600	Not Detected
Chloroethane	670	Not Detected	1800	Not Detected
Freon 11	670	54000	3800	300000
1,1-Dichloroethene	670	80000	2600	320000
Freon 113	670	200000	5100	1500000
Methylene Chloride	670	Not Detected	2300	Not Detected
1,1-Dichloroethane	670	Not Detected	2700	Not Detected
cis-1,2-Dichloroethene	670	Not Detected	2600	Not Detected
Chloroform	670	Not Detected	3300	Not Detected
1,1,1-Trichloroethane	670	Not Detected	3600	Not Detected
Carbon Tetrachloride	670	Not Detected	4200	Not Detected
Benzene	670	Not Detected	2100	Not Detected
1,2-Dichloroethane	670	Not Detected	2700	Not Detected
Trichloroethene	670	7500	3600	40000
1,2-Dichloropropane	670	Not Detected	3100	Not Detected
cis-1,3-Dichloropropene	670	Not Detected	3000	Not Detected
Toluene	670	690	2500	2600
trans-1,3-Dichloropropene	670	Not Detected	3000	Not Detected
1,1,2-Trichloroethane	670	Not Detected	3600	Not Detected
Tetrachloroethene	670	3700	4500	25000
1,2-Dibromoethane (EDB)	670	Not Detected	5100	Not Detected
Chlorobenzene	670	Not Detected	3100	Not Detected
Ethyl Benzene	670	Not Detected	2900	Not Detected
m,p-Xylene	670	Not Detected	2900	Not Detected
o-Xylene	670	Not Detected	2900	Not Detected
Styrene	670	Not Detected	2800	Not Detected
1,1,2,2-Tetrachloroethane	670	Not Detected	4600	Not Detected
1,3,5-Trimethylbenzene	670	Not Detected	3300	Not Detected
1,2,4-Trimethylbenzene	670	Not Detected	3300	Not Detected
1,3-Dichlorobenzene	670	Not Detected	4000	Not Detected
1,4-Dichlorobenzene	670	Not Detected	4000	Not Detected
alpha-Chlorotoluene	670	Not Detected	3500	Not Detected
1,2-Dichlorobenzene	670	Not Detected	4000	Not Detected
1,3-Butadiene	670	Not Detected	1500	Not Detected
Hexane	670	Not Detected	2400	Not Detected
Cyclohexane	670	Not Detected	2300	Not Detected
Bromodichloromethane	670	Not Detected	4500	Not Detected
Dibromochloromethane	670	Not Detected	5700	Not Detected
Heptane	670	Not Detected	2700	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-14-6FT

ID#: 0411294A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111910**	**Date of Collection:**	**11/11/04**
Dil. Factor:	**1340**	**Date of Analysis:**	**11/19/04 02:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	670	Not Detected	3300	Not Detected
Propylbenzene	670	Not Detected	3300	Not Detected
Chloromethane	2700	Not Detected	5500	Not Detected
1,2,4-Trichlorobenzene	2700	Not Detected	20000	Not Detected
Hexachlorobutadiene	2700	Not Detected	28000	Not Detected
Acetone	2700	Not Detected	6400	Not Detected
Carbon Disulfide	670	Not Detected	2100	Not Detected
2-Propanol	2700	Not Detected	6600	Not Detected
trans-1,2-Dichloroethene	670	Not Detected	2600	Not Detected
2-Butanone (Methyl Ethyl Ketone)	670	Not Detected	2000	Not Detected
Tetrahydrofuran	670	Not Detected	2000	Not Detected
1,4-Dioxane	2700	Not Detected	9600	Not Detected
4-Methyl-2-pentanone	670	Not Detected	2700	Not Detected
2-Hexanone	2700	Not Detected	11000	Not Detected
Bromoform	670	Not Detected	6900	Not Detected
4-Ethyltoluene	670	Not Detected	3300	Not Detected
Ethanol	2700	Not Detected	5000	Not Detected
Methyl tert-butyl ether	670	Not Detected	2400	Not Detected
2,2,4-Trimethylpentane	670	Not Detected	3100	Not Detected
3-Chloropropene	2700	Not Detected	8400	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-14-12FT

ID#: 0411294A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111911**	**Date of Collection: 11/11/04**	
Dil. Factor:	**3280**	**Date of Analysis: 11/19/04 03:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1600	Not Detected	8100	Not Detected
Freon 114	1600	Not Detected	11000	Not Detected
Vinyl Chloride	1600	Not Detected	4200	Not Detected
Bromomethane	1600	Not Detected	6400	Not Detected
Chloroethane	1600	Not Detected	4300	Not Detected
Freon 11	1600	97000	9200	540000
1,1-Dichloroethene	1600	150000	6500	600000
Freon 113	1600	340000	12000	2600000
Methylene Chloride	1600	Not Detected	5700	Not Detected
1,1-Dichloroethane	1600	Not Detected	6600	Not Detected
cis-1,2-Dichloroethene	1600	Not Detected	6500	Not Detected
Chloroform	1600	Not Detected	8000	Not Detected
1,1,1-Trichloroethane	1600	Not Detected	8900	Not Detected
Carbon Tetrachloride	1600	Not Detected	10000	Not Detected
Benzene	1600	Not Detected	5200	Not Detected
1,2-Dichloroethane	1600	Not Detected	6600	Not Detected
Trichloroethene	1600	15000	8800	79000
1,2-Dichloropropane	1600	Not Detected	7600	Not Detected
cis-1,3-Dichloropropene	1600	Not Detected	7400	Not Detected
Toluene	1600	Not Detected	6200	Not Detected
trans-1,3-Dichloropropene	1600	Not Detected	7400	Not Detected
1,1,2-Trichloroethane	1600	Not Detected	8900	Not Detected
Tetrachloroethene	1600	5800	11000	39000
1,2-Dibromoethane (EDB)	1600	Not Detected	13000	Not Detected
Chlorobenzene	1600	Not Detected	7600	Not Detected
Ethyl Benzene	1600	Not Detected	7100	Not Detected
m,p-Xylene	1600	Not Detected	7100	Not Detected
o-Xylene	1600	Not Detected	7100	Not Detected
Styrene	1600	Not Detected	7000	Not Detected
1,1,2,2-Tetrachloroethane	1600	Not Detected	11000	Not Detected
1,3,5-Trimethylbenzene	1600	Not Detected	8100	Not Detected
1,2,4-Trimethylbenzene	1600	Not Detected	8100	Not Detected
1,3-Dichlorobenzene	1600	Not Detected	9900	Not Detected
1,4-Dichlorobenzene	1600	Not Detected	9900	Not Detected
alpha-Chlorotoluene	1600	Not Detected	8500	Not Detected
1,2-Dichlorobenzene	1600	Not Detected	9900	Not Detected
1,3-Butadiene	1600	Not Detected	3600	Not Detected
Hexane	1600	Not Detected	5800	Not Detected
Cyclohexane	1600	Not Detected	5600	Not Detected
Bromodichloromethane	1600	Not Detected	11000	Not Detected
Dibromochloromethane	1600	Not Detected	14000	Not Detected
Heptane	1600	Not Detected	6700	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-14-12FT

ID#: 0411294A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111911**	**Date of Collection: 11/11/04**	
Dil. Factor:	**3280**	**Date of Analysis: 11/19/04 03:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1600	Not Detected	8100	Not Detected
Propylbenzene	1600	Not Detected	8100	Not Detected
Chloromethane	6600	Not Detected	14000	Not Detected
1,2,4-Trichlorobenzene	6600	Not Detected	49000	Not Detected
Hexachlorobutadiene	6600	Not Detected	70000	Not Detected
Acetone	6600	Not Detected	16000	Not Detected
Carbon Disulfide	1600	Not Detected	5100	Not Detected
2-Propanol	6600	Not Detected	16000	Not Detected
trans-1,2-Dichloroethene	1600	Not Detected	6500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1600	Not Detected	4800	Not Detected
Tetrahydrofuran	1600	Not Detected	4800	Not Detected
1,4-Dioxane	6600	Not Detected	24000	Not Detected
4-Methyl-2-pentanone	1600	Not Detected	6700	Not Detected
2-Hexanone	6600	Not Detected	27000	Not Detected
Bromoform	1600	Not Detected	17000	Not Detected
4-Ethyltoluene	1600	Not Detected	8100	Not Detected
Ethanol	6600	Not Detected	12000	Not Detected
Methyl tert-butyl ether	1600	Not Detected	5900	Not Detected
2,2,4-Trimethylpentane	1600	Not Detected	7700	Not Detected
3-Chloropropene	6600	Not Detected	20000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-15-6FT

ID#: 0411294A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111912**	**Date of Collection: 11/11/04**	
Dil. Factor:	**6.80**	**Date of Analysis: 11/19/04 03:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.4	3.7	17	18
Freon 114	3.4	Not Detected	24	Not Detected
Vinyl Chloride	3.4	Not Detected	8.7	Not Detected
Bromomethane	3.4	Not Detected	13	Not Detected
Chloroethane	3.4	Not Detected	9.0	Not Detected
Freon 11	3.4	340	19	1900
1,1-Dichloroethene	3.4	600	13	2400
Freon 113	3.4	850	26	6500
Methylene Chloride	3.4	Not Detected	12	Not Detected
1,1-Dichloroethane	3.4	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	3.4	Not Detected	13	Not Detected
Chloroform	3.4	Not Detected	17	Not Detected
1,1,1-Trichloroethane	3.4	Not Detected	18	Not Detected
Carbon Tetrachloride	3.4	Not Detected	21	Not Detected
Benzene	3.4	5.1	11	16
1,2-Dichloroethane	3.4	Not Detected	14	Not Detected
Trichloroethene	3.4	660	18	3500
1,2-Dichloropropane	3.4	Not Detected	16	Not Detected
cis-1,3-Dichloropropene	3.4	Not Detected	15	Not Detected
Toluene	3.4	14	13	54
trans-1,3-Dichloropropene	3.4	Not Detected	15	Not Detected
1,1,2-Trichloroethane	3.4	Not Detected	18	Not Detected
Tetrachloroethene	3.4	170	23	1200
1,2-Dibromoethane (EDB)	3.4	Not Detected	26	Not Detected
Chlorobenzene	3.4	Not Detected	16	Not Detected
Ethyl Benzene	3.4	Not Detected	15	Not Detected
m,p-Xylene	3.4	7.0	15	31
o-Xylene	3.4	Not Detected	15	Not Detected
Styrene	3.4	Not Detected	14	Not Detected
1,1,2,2-Tetrachloroethane	3.4	Not Detected	23	Not Detected
1,3,5-Trimethylbenzene	3.4	Not Detected	17	Not Detected
1,2,4-Trimethylbenzene	3.4	Not Detected	17	Not Detected
1,3-Dichlorobenzene	3.4	Not Detected	20	Not Detected
1,4-Dichlorobenzene	3.4	Not Detected	20	Not Detected
alpha-Chlorotoluene	3.4	Not Detected	18	Not Detected
1,2-Dichlorobenzene	3.4	Not Detected	20	Not Detected
1,3-Butadiene	3.4	Not Detected	7.5	Not Detected
Hexane	3.4	Not Detected	12	Not Detected
Cyclohexane	3.4	Not Detected	12	Not Detected
Bromodichloromethane	3.4	Not Detected	23	Not Detected
Dibromochloromethane	3.4	Not Detected	29	Not Detected
Heptane	3.4	Not Detected	14	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-15-6FT

ID#: 0411294A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111912**	**Date of Collection: 11/11/04**	
Dil. Factor:	**6.80**	**Date of Analysis: 11/19/04 03:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	3.4	Not Detected	17	Not Detected
Propylbenzene	3.4	Not Detected	17	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
1,2,4-Trichlorobenzene	14	Not Detected	100	Not Detected
Hexachlorobutadiene	14	Not Detected	140	Not Detected
Acetone	14	78	32	180
Carbon Disulfide	3.4	Not Detected	10	Not Detected
2-Propanol	14	Not Detected	33	Not Detected
trans-1,2-Dichloroethene	3.4	Not Detected	13	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.4	Not Detected	10	Not Detected
Tetrahydrofuran	3.4	Not Detected	10	Not Detected
1,4-Dioxane	14	Not Detected	49	Not Detected
4-Methyl-2-pentanone	3.4	Not Detected	14	Not Detected
2-Hexanone	14	Not Detected	56	Not Detected
Bromoform	3.4	Not Detected	35	Not Detected
4-Ethyltoluene	3.4	Not Detected	17	Not Detected
Ethanol	14	Not Detected	26	Not Detected
Methyl tert-butyl ether	3.4	Not Detected	12	Not Detected
2,2,4-Trimethylpentane	3.4	11	16	52
3-Chloropropene	14	Not Detected	42	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Octane, 2,2,6-trimethyl-	62016-28-8	74%	420 N J
Nonane, 2-methyl-5-propyl-	31081-17-1	53%	200 N J
Decane, 2,2-dimethyl-	17302-37-3	83%	900 N J
Decane, 2,2,9-trimethyl-	62238-00-0	78%	360 N J
Nonane, 3-methyl-5-propyl-	31081-18-2	72%	1200 N J
Unknown	NA	NA	280 J
Hexane, 2,2,5-trimethyl-	3522-94-9	72%	1600 N J
Undecane, 3,8-dimethyl-	17301-30-3	59%	530 N J
Unknown Hydrocarbon	NA	NA	190 J
Unknown	NA	NA	180 J

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: SG-15-6FT

ID#: 0411294A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111912**	**Date of Collection: 11/11/04**	
Dil. Factor:	**6.80**	**Date of Analysis: 11/19/04 03:55 PM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-15-6FT Duplicate

ID#: 0411294A-16AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111913**	**Date of Collection: 11/11/04**	
Dil. Factor:	**6.80**	**Date of Analysis: 11/19/04 04:34 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.4	3.8	17	18
Freon 114	3.4	Not Detected	24	Not Detected
Vinyl Chloride	3.4	Not Detected	8.7	Not Detected
Bromomethane	3.4	Not Detected	13	Not Detected
Chloroethane	3.4	Not Detected	9.0	Not Detected
Freon 11	3.4	330	19	1900
1,1-Dichloroethene	3.4	590	13	2400
Freon 113	3.4	850	26	6500
Methylene Chloride	3.4	Not Detected	12	Not Detected
1,1-Dichloroethane	3.4	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	3.4	Not Detected	13	Not Detected
Chloroform	3.4	Not Detected	17	Not Detected
1,1,1-Trichloroethane	3.4	Not Detected	18	Not Detected
Carbon Tetrachloride	3.4	Not Detected	21	Not Detected
Benzene	3.4	4.9	11	16
1,2-Dichloroethane	3.4	Not Detected	14	Not Detected
Trichloroethene	3.4	650	18	3500
1,2-Dichloropropane	3.4	Not Detected	16	Not Detected
cis-1,3-Dichloropropene	3.4	Not Detected	15	Not Detected
Toluene	3.4	15	13	56
trans-1,3-Dichloropropene	3.4	Not Detected	15	Not Detected
1,1,2-Trichloroethane	3.4	Not Detected	18	Not Detected
Tetrachloroethene	3.4	170	23	1100
1,2-Dibromoethane (EDB)	3.4	Not Detected	26	Not Detected
Chlorobenzene	3.4	Not Detected	16	Not Detected
Ethyl Benzene	3.4	Not Detected	15	Not Detected
m,p-Xylene	3.4	6.9	15	30
o-Xylene	3.4	Not Detected	15	Not Detected
Styrene	3.4	Not Detected	14	Not Detected
1,1,2,2-Tetrachloroethane	3.4	Not Detected	23	Not Detected
1,3,5-Trimethylbenzene	3.4	Not Detected	17	Not Detected
1,2,4-Trimethylbenzene	3.4	Not Detected	17	Not Detected
1,3-Dichlorobenzene	3.4	Not Detected	20	Not Detected
1,4-Dichlorobenzene	3.4	Not Detected	20	Not Detected
alpha-Chlorotoluene	3.4	Not Detected	18	Not Detected
1,2-Dichlorobenzene	3.4	Not Detected	20	Not Detected
1,3-Butadiene	3.4	Not Detected	7.5	Not Detected
Hexane	3.4	Not Detected	12	Not Detected
Cyclohexane	3.4	Not Detected	12	Not Detected
Bromodichloromethane	3.4	Not Detected	23	Not Detected
Dibromochloromethane	3.4	Not Detected	29	Not Detected
Heptane	3.4	Not Detected	14	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-15-6FT Duplicate

ID#: 0411294A-16AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111913**	**Date of Collection: 11/11/04**	
Dil. Factor:	**6.80**	**Date of Analysis: 11/19/04 04:34 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	3.4	Not Detected	17	Not Detected
Propylbenzene	3.4	Not Detected	17	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
1,2,4-Trichlorobenzene	14	Not Detected	100	Not Detected
Hexachlorobutadiene	14	Not Detected	140	Not Detected
Acetone	14	82	32	190
Carbon Disulfide	3.4	Not Detected	10	Not Detected
2-Propanol	14	Not Detected	33	Not Detected
trans-1,2-Dichloroethene	3.4	Not Detected	13	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.4	Not Detected	10	Not Detected
Tetrahydrofuran	3.4	Not Detected	10	Not Detected
1,4-Dioxane	14	Not Detected	49	Not Detected
4-Methyl-2-pentanone	3.4	Not Detected	14	Not Detected
2-Hexanone	14	Not Detected	56	Not Detected
Bromoform	3.4	Not Detected	35	Not Detected
4-Ethyltoluene	3.4	Not Detected	17	Not Detected
Ethanol	14	Not Detected	26	Not Detected
Methyl tert-butyl ether	3.4	Not Detected	12	Not Detected
2,2,4-Trimethylpentane	3.4	12	16	54
3-Chloropropene	14	Not Detected	42	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Octane, 2,2,6-trimethyl-	62016-28-8	74%	440 N J
Nonane, 2-methyl-5-propyl-	31081-17-1	72%	200 N J
Decane, 2,2-dimethyl-	17302-37-3	83%	970 N J
Decane, 2,2,9-trimethyl-	62238-00-0	78%	400 N J
Nonane, 3-methyl-5-propyl-	31081-18-2	72%	1400 N J
Unknown	NA	NA	300 J
Hexane, 2,2,5-trimethyl-	3522-94-9	72%	1800 N J
Undecane, 3,8-dimethyl-	17301-30-3	64%	580 N J
Unknown Hydrocarbon	NA	NA	200 J
Unknown	NA	NA	190 J

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: SG-15-6FT Duplicate

ID#: 0411294A-16AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111913**	**Date of Collection: 11/11/04**	
Dil. Factor:	**6.80**	**Date of Analysis: 11/19/04 04:34 PM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-15-12FT

ID#: 0411294A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111916**	**Date of Collection: 11/12/04**	
Dil. Factor:	**13.6**	**Date of Analysis: 11/19/04 05:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.8	Not Detected	34	Not Detected
Freon 114	6.8	Not Detected	48	Not Detected
Vinyl Chloride	6.8	Not Detected	17	Not Detected
Bromomethane	6.8	Not Detected	26	Not Detected
Chloroethane	6.8	Not Detected	18	Not Detected
Freon 11	6.8	620	38	3500
1,1-Dichloroethene	6.8	1400	27	5500
Freon 113	6.8	1600	52	12000
Methylene Chloride	6.8	12	24	40
1,1-Dichloroethane	6.8	Not Detected	28	Not Detected
cis-1,2-Dichloroethene	6.8	Not Detected	27	Not Detected
Chloroform	6.8	Not Detected	33	Not Detected
1,1,1-Trichloroethane	6.8	Not Detected	37	Not Detected
Carbon Tetrachloride	6.8	Not Detected	43	Not Detected
Benzene	6.8	13	22	42
1,2-Dichloroethane	6.8	Not Detected	28	Not Detected
Trichloroethene	6.8	1600	36	8400
1,2-Dichloropropane	6.8	Not Detected	31	Not Detected
cis-1,3-Dichloropropene	6.8	Not Detected	31	Not Detected
Toluene	6.8	32	26	120
trans-1,3-Dichloropropene	6.8	Not Detected	31	Not Detected
1,1,2-Trichloroethane	6.8	Not Detected	37	Not Detected
Tetrachloroethene	6.8	400	46	2700
1,2-Dibromoethane (EDB)	6.8	Not Detected	52	Not Detected
Chlorobenzene	6.8	Not Detected	31	Not Detected
Ethyl Benzene	6.8	Not Detected	30	Not Detected
m,p-Xylene	6.8	14	30	63
o-Xylene	6.8	Not Detected	30	Not Detected
Styrene	6.8	Not Detected	29	Not Detected
1,1,2,2-Tetrachloroethane	6.8	Not Detected	47	Not Detected
1,3,5-Trimethylbenzene	6.8	Not Detected	33	Not Detected
1,2,4-Trimethylbenzene	6.8	Not Detected	33	Not Detected
1,3-Dichlorobenzene	6.8	Not Detected	41	Not Detected
1,4-Dichlorobenzene	6.8	Not Detected	41	Not Detected
alpha-Chlorotoluene	6.8	Not Detected	35	Not Detected
1,2-Dichlorobenzene	6.8	Not Detected	41	Not Detected
1,3-Butadiene	6.8	Not Detected	15	Not Detected
Hexane	6.8	6.8	24	24
Cyclohexane	6.8	Not Detected	23	Not Detected
Bromodichloromethane	6.8	Not Detected	46	Not Detected
Dibromochloromethane	6.8	Not Detected	58	Not Detected
Heptane	6.8	Not Detected	28	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-15-12FT

ID#: 0411294A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111916**	**Date of Collection: 11/12/04**	
Dil. Factor:	**13.6**	**Date of Analysis: 11/19/04 05:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	6.8	Not Detected	33	Not Detected
Propylbenzene	6.8	Not Detected	33	Not Detected
Chloromethane	27	Not Detected	56	Not Detected
1,2,4-Trichlorobenzene	27	Not Detected	200	Not Detected
Hexachlorobutadiene	27	Not Detected	290	Not Detected
Acetone	27	180	65	430
Carbon Disulfide	6.8	Not Detected	21	Not Detected
2-Propanol	27	Not Detected	67	Not Detected
trans-1,2-Dichloroethene	6.8	Not Detected	27	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.8	7.5	20	22
Tetrahydrofuran	6.8	Not Detected	20	Not Detected
1,4-Dioxane	27	Not Detected	98	Not Detected
4-Methyl-2-pentanone	6.8	Not Detected	28	Not Detected
2-Hexanone	27	Not Detected	110	Not Detected
Bromoform	6.8	Not Detected	70	Not Detected
4-Ethyltoluene	6.8	Not Detected	33	Not Detected
Ethanol	27	Not Detected	51	Not Detected
Methyl tert-butyl ether	6.8	Not Detected	24	Not Detected
2,2,4-Trimethylpentane	6.8	14	32	65
3-Chloropropene	27	Not Detected	85	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Heptane, 2,2,3,4,6,6-hexamethyl-	62108-32-1	64%	750 N J
Hexadecane, 7,9-dimethyl-	21164-95-4	78%	350 N J
Decane, 2,2-dimethyl-	17302-37-3	78%	1200 N J
Decane, 2,2,5-trimethyl-	62237-96-1	78%	450 N J
Nonane, 3-methyl-5-propyl-	31081-18-2	72%	1800 N J
Unknown	NA	NA	200 J
Unknown	NA	NA	300 J
Heptane, 2,2-dimethyl-	1071-26-7	64%	1900 N J
Undecane, 2,8-dimethyl-	17301-25-6	59%	520 N J
Unknown	NA	NA	200 J

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: SG-15-12FT

ID#: 0411294A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111916**	**Date of Collection: 11/12/04**	
Dil. Factor:	**13.6**	**Date of Analysis: 11/19/04 05:18 PM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	115	70-130

AIR TOXICS LTD.

SAMPLE NAME: SG-15-12FT Duplicate

ID#: 0411294A-17AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111914**	**Date of Collection: 11/12/04**	
Dil. Factor:	**27.2**	**Date of Analysis: 11/19/04 03:26 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	14	Not Detected	67	Not Detected
Freon 114	14	Not Detected	95	Not Detected
Vinyl Chloride	14	Not Detected	35	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	14	Not Detected	36	Not Detected
Freon 11	14	620	76	3500
1,1-Dichloroethene	14	1400	54	5500
Freon 113	14	1600	100	12000
Methylene Chloride	14	36	47	120
1,1-Dichloroethane	14	Not Detected	55	Not Detected
cis-1,2-Dichloroethene	14	Not Detected	54	Not Detected
Chloroform	14	Not Detected	66	Not Detected
1,1,1-Trichloroethane	14	Not Detected	74	Not Detected
Carbon Tetrachloride	14	Not Detected	86	Not Detected
Benzene	14	Not Detected	43	Not Detected
1,2-Dichloroethane	14	Not Detected	55	Not Detected
Trichloroethene	14	1600	73	8600
1,2-Dichloropropane	14	Not Detected	63	Not Detected
cis-1,3-Dichloropropene	14	Not Detected	62	Not Detected
Toluene	14	33	51	120
trans-1,3-Dichloropropene	14	Not Detected	62	Not Detected
1,1,2-Trichloroethane	14	Not Detected	74	Not Detected
Tetrachloroethene	14	410	92	2800
1,2-Dibromoethane (EDB)	14	Not Detected	100	Not Detected
Chlorobenzene	14	Not Detected	63	Not Detected
Ethyl Benzene	14	Not Detected	59	Not Detected
m,p-Xylene	14	16	59	70
o-Xylene	14	Not Detected	59	Not Detected
Styrene	14	Not Detected	58	Not Detected
1,1,2,2-Tetrachloroethane	14	Not Detected	93	Not Detected
1,3,5-Trimethylbenzene	14	Not Detected	67	Not Detected
1,2,4-Trimethylbenzene	14	Not Detected	67	Not Detected
1,3-Dichlorobenzene	14	Not Detected	82	Not Detected
1,4-Dichlorobenzene	14	Not Detected	82	Not Detected
alpha-Chlorotoluene	14	Not Detected	70	Not Detected
1,2-Dichlorobenzene	14	Not Detected	82	Not Detected
1,3-Butadiene	14	Not Detected	30	Not Detected
Hexane	14	Not Detected	48	Not Detected
Cyclohexane	14	Not Detected	47	Not Detected
Bromodichloromethane	14	Not Detected	91	Not Detected
Dibromochloromethane	14	Not Detected	120	Not Detected
Heptane	14	Not Detected	56	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SG-15-12FT Duplicate

ID#: 0411294A-17AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111914**	**Date of Collection:**	**11/12/04**
Dil. Factor:	**27.2**	**Date of Analysis:**	**11/19/04 03:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	14	Not Detected	67	Not Detected
Propylbenzene	14	Not Detected	67	Not Detected
Chloromethane	54	Not Detected	110	Not Detected
1,2,4-Trichlorobenzene	54	Not Detected	400	Not Detected
Hexachlorobutadiene	54	Not Detected	580	Not Detected
Acetone	54	200	130	480
Carbon Disulfide	14	Not Detected	42	Not Detected
2-Propanol	54	Not Detected	130	Not Detected
trans-1,2-Dichloroethene	14	Not Detected	54	Not Detected
2-Butanone (Methyl Ethyl Ketone)	14	Not Detected	40	Not Detected
Tetrahydrofuran	14	Not Detected	40	Not Detected
1,4-Dioxane	54	Not Detected	200	Not Detected
4-Methyl-2-pentanone	14	Not Detected	56	Not Detected
2-Hexanone	54	Not Detected	220	Not Detected
Bromoform	14	Not Detected	140	Not Detected
4-Ethyltoluene	14	Not Detected	67	Not Detected
Ethanol	54	Not Detected	100	Not Detected
Methyl tert-butyl ether	14	Not Detected	49	Not Detected
2,2,4-Trimethylpentane	14	14	64	65
3-Chloropropene	54	Not Detected	170	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Heptane, 2,2,3,4,6,6-hexamethyl-	62108-32-1	50%	790 N J
Hexadecane, 7,9-dimethyl-	21164-95-4	72%	370 N J
Decane, 2,2-dimethyl-	17302-37-3	78%	970 N J
Decane, 2,2,5-trimethyl-	62237-96-1	72%	350 N J
Nonane, 3-methyl-5-propyl-	31081-18-2	72%	1700 N J
Unknown	NA	NA	77 J
Unknown	NA	NA	120 J
Heptane, 2,2-dimethyl-	1071-26-7	64%	1500 N J
Undecane, 2,8-dimethyl-	17301-25-6	59%	430 N J
Unknown	NA	NA	160 J

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: SG-15-12FT Duplicate

ID#: 0411294A-17AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111914**	**Date of Collection: 11/12/04**	
Dil. Factor:	**27.2**	**Date of Analysis: 11/19/04 03:26 PM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	113	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294A-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 11:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected U J	1.9	Not Detected U J
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294A-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 11:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294A-18B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111905**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 08:49 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294A-18B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111905**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 08:49 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294A-18C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 10:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0411294A-18C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 10:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294A-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 09:08 AM**	

Compound	%Recovery
Freon 12	91
Freon 114	112
Vinyl Chloride	77
Bromomethane	61 Q
Chloroethane	75
Freon 11	83
1,1-Dichloroethene	76
Freon 113	76
Methylene Chloride	86
1,1-Dichloroethane	78
cis-1,2-Dichloroethene	80
Chloroform	84
1,1,1-Trichloroethane	89
Carbon Tetrachloride	102
Benzene	76
1,2-Dichloroethane	87
Trichloroethene	87
1,2-Dichloropropane	85
cis-1,3-Dichloropropene	90
Toluene	86
trans-1,3-Dichloropropene	87
1,1,2-Trichloroethane	83
Tetrachloroethene	89
1,2-Dibromoethane (EDB)	88
Chlorobenzene	83
Ethyl Benzene	85
m,p-Xylene	82
o-Xylene	83
Styrene	85
1,1,2,2-Tetrachloroethane	80
1,3,5-Trimethylbenzene	80
1,2,4-Trimethylbenzene	81
1,3-Dichlorobenzene	81
1,4-Dichlorobenzene	80
alpha-Chlorotoluene	77
1,2-Dichlorobenzene	78
1,3-Butadiene	76
Hexane	70
Cyclohexane	79
Bromodichloromethane	96
Dibromochloromethane	96
Heptane	88

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294A-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 09:08 AM**	

Compound	%Recovery
Cumene	84
Propylbenzene	85
Chloromethane	88
1,2,4-Trichlorobenzene	82
Hexachlorobutadiene	79
Acetone	81
Carbon Disulfide	75
2-Propanol	93
trans-1,2-Dichloroethene	74
2-Butanone (Methyl Ethyl Ketone)	81
Tetrahydrofuran	82
1,4-Dioxane	90
4-Methyl-2-pentanone	90
2-Hexanone	88
Bromoform	99
4-Ethyltoluene	82
Ethanol	101
Methyl tert-butyl ether	70
2,2,4-Trimethylpentane	76
3-Chloropropene	77

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294A-19B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 06:13 AM**	

Compound	%Recovery
Freon 12	97
Freon 114	93
Vinyl Chloride	99
Bromomethane	103
Chloroethane	100
Freon 11	94
1,1-Dichloroethene	96
Freon 113	95
Methylene Chloride	92
1,1-Dichloroethane	96
cis-1,2-Dichloroethene	94
Chloroform	92
1,1,1-Trichloroethane	94
Carbon Tetrachloride	100
Benzene	83
1,2-Dichloroethane	95
Trichloroethene	88
1,2-Dichloropropane	98
cis-1,3-Dichloropropene	101
Toluene	91
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	92
Tetrachloroethene	92
1,2-Dibromoethane (EDB)	97
Chlorobenzene	89
Ethyl Benzene	96
m,p-Xylene	102
o-Xylene	108
Styrene	114
1,1,2,2-Tetrachloroethane	91
1,3,5-Trimethylbenzene	122
1,2,4-Trimethylbenzene	118
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	87
1,3-Butadiene	96
Hexane	95
Cyclohexane	97
Bromodichloromethane	101
Dibromochloromethane	102
Heptane	99

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294A-19B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 06:13 AM**	

Compound	%Recovery
Cumene	100
Propylbenzene	111
Chloromethane	99
1,2,4-Trichlorobenzene	102
Hexachlorobutadiene	73
Acetone	94
Carbon Disulfide	95
2-Propanol	100
trans-1,2-Dichloroethene	91
2-Butanone (Methyl Ethyl Ketone)	105
Tetrahydrofuran	99
1,4-Dioxane	97
4-Methyl-2-pentanone	104
2-Hexanone	108
Bromoform	102
4-Ethyltoluene	116
Ethanol	96
Methyl tert-butyl ether	96
2,2,4-Trimethylpentane	97
3-Chloropropene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	122	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294A-19C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 09:06 AM**	

Compound	%Recovery
Freon 12	91
Freon 114	119
Vinyl Chloride	81
Bromomethane	70
Chloroethane	74
Freon 11	84
1,1-Dichloroethene	79
Freon 113	79
Methylene Chloride	89
1,1-Dichloroethane	80
cis-1,2-Dichloroethene	82
Chloroform	84
1,1,1-Trichloroethane	88
Carbon Tetrachloride	100
Benzene	78
1,2-Dichloroethane	87
Trichloroethene	88
1,2-Dichloropropane	86
cis-1,3-Dichloropropene	90
Toluene	86
trans-1,3-Dichloropropene	89
1,1,2-Trichloroethane	86
Tetrachloroethene	91
1,2-Dibromoethane (EDB)	90
Chlorobenzene	84
Ethyl Benzene	87
m,p-Xylene	82
o-Xylene	85
Styrene	86
1,1,2,2-Tetrachloroethane	83
1,3,5-Trimethylbenzene	84
1,2,4-Trimethylbenzene	82
1,3-Dichlorobenzene	84
1,4-Dichlorobenzene	83
alpha-Chlorotoluene	80
1,2-Dichlorobenzene	80
1,3-Butadiene	83
Hexane	76
Cyclohexane	82
Bromodichloromethane	96
Dibromochloromethane	98
Heptane	88

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0411294A-19C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 09:06 AM**	

Compound	%Recovery
Cumene	86
Propylbenzene	87
Chloromethane	94
1,2,4-Trichlorobenzene	86
Hexachlorobutadiene	82
Acetone	86
Carbon Disulfide	79
2-Propanol	99
trans-1,2-Dichloroethene	77
2-Butanone (Methyl Ethyl Ketone)	86
Tetrahydrofuran	86
1,4-Dioxane	91
4-Methyl-2-pentanone	92
2-Hexanone	93
Bromoform	100
4-Ethyltoluene	84
Ethanol	109
Methyl tert-butyl ether	71
2,2,4-Trimethylpentane	81
3-Chloropropene	78

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294A-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 10:00 AM**	

Compound	%Recovery
Freon 12	85
Freon 114	106
Vinyl Chloride	75
Bromomethane	73
Chloroethane	78
Freon 11	77
1,1-Dichloroethene	72
Freon 113	72
Methylene Chloride	78
1,1-Dichloroethane	76
cis-1,2-Dichloroethene	81
Chloroform	82
1,1,1-Trichloroethane	87
Carbon Tetrachloride	100
Benzene	81
1,2-Dichloroethane	90
Trichloroethene	90
1,2-Dichloropropane	93
cis-1,3-Dichloropropene	90
Toluene	93
trans-1,3-Dichloropropene	88
1,1,2-Trichloroethane	86
Tetrachloroethene	93
1,2-Dibromoethane (EDB)	93
Chlorobenzene	85
Ethyl Benzene	88
m,p-Xylene	85
o-Xylene	81
Styrene	81
1,1,2,2-Tetrachloroethane	80
1,3,5-Trimethylbenzene	72
1,2,4-Trimethylbenzene	70
1,3-Dichlorobenzene	74
1,4-Dichlorobenzene	72
alpha-Chlorotoluene	74
1,2-Dichlorobenzene	70
1,3-Butadiene	73
Hexane	70
Cyclohexane	77
Bromodichloromethane	95
Dibromochloromethane	95
Heptane	91

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294A-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/18/04 10:00 AM**	

Compound	%Recovery
Cumene	65
Propylbenzene	72
Chloromethane	90
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	88
Acetone	82
Carbon Disulfide	76
2-Propanol	92
trans-1,2-Dichloroethene	74
2-Butanone (Methyl Ethyl Ketone)	83
Tetrahydrofuran	82
1,4-Dioxane	92
4-Methyl-2-pentanone	98
2-Hexanone	98
Bromoform	96
4-Ethyltoluene	83
Ethanol	53 Q
Methyl tert-butyl ether	70
2,2,4-Trimethylpentane	77
3-Chloropropene	71

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294A-20B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 07:09 AM**	

Compound	%Recovery
Freon 12	97
Freon 114	91
Vinyl Chloride	99
Bromomethane	108
Chloroethane	107
Freon 11	91
1,1-Dichloroethene	94
Freon 113	94
Methylene Chloride	87
1,1-Dichloroethane	97
cis-1,2-Dichloroethene	96
Chloroform	94
1,1,1-Trichloroethane	98
Carbon Tetrachloride	103
Benzene	89
1,2-Dichloroethane	101
Trichloroethene	93
1,2-Dichloropropane	111
cis-1,3-Dichloropropene	101
Toluene	96
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	95
Tetrachloroethene	95
1,2-Dibromoethane (EDB)	102
Chlorobenzene	90
Ethyl Benzene	97
m,p-Xylene	106
o-Xylene	104
Styrene	107
1,1,2,2-Tetrachloroethane	90
1,3,5-Trimethylbenzene	111
1,2,4-Trimethylbenzene	105
1,3-Dichlorobenzene	93
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	99
1,2-Dichlorobenzene	80
1,3-Butadiene	94
Hexane	97
Cyclohexane	99
Bromodichloromethane	104
Dibromochloromethane	101
Heptane	104

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294A-20B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i111903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 07:09 AM**	

Compound	**%Recovery**
Cumene	76
Propylbenzene	92
Chloromethane	103
1,2,4-Trichlorobenzene	107
Hexachlorobutadiene	81
Acetone	98
Carbon Disulfide	98
2-Propanol	102
trans-1,2-Dichloroethene	94
2-Butanone (Methyl Ethyl Ketone)	108
Tetrahydrofuran	102
1,4-Dioxane	98
4-Methyl-2-pentanone	108
2-Hexanone	110
Bromoform	101
4-Ethyltoluene	118
Ethanol	53 Q
Methyl tert-butyl ether	97
2,2,4-Trimethylpentane	101
3-Chloropropene	90

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	120	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294A-20C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 09:45 AM**	

Compound	%Recovery
Freon 12	78
Freon 114	100
Vinyl Chloride	70
Bromomethane	72
Chloroethane	70
Freon 11	74
1,1-Dichloroethene	71
Freon 113	72
Methylene Chloride	78
1,1-Dichloroethane	76
cis-1,2-Dichloroethene	82
Chloroform	83
1,1,1-Trichloroethane	88
Carbon Tetrachloride	101
Benzene	80
1,2-Dichloroethane	90
Trichloroethene	92
1,2-Dichloropropane	95
cis-1,3-Dichloropropene	90
Toluene	90
trans-1,3-Dichloropropene	89
1,1,2-Trichloroethane	87
Tetrachloroethene	92
1,2-Dibromoethane (EDB)	93
Chlorobenzene	84
Ethyl Benzene	88
m,p-Xylene	85
o-Xylene	82
Styrene	83
1,1,2,2-Tetrachloroethane	83
1,3,5-Trimethylbenzene	77
1,2,4-Trimethylbenzene	76
1,3-Dichlorobenzene	79
1,4-Dichlorobenzene	77
alpha-Chlorotoluene	80
1,2-Dichlorobenzene	75
1,3-Butadiene	70
Hexane	70
Cyclohexane	80
Bromodichloromethane	96
Dibromochloromethane	95
Heptane	90

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0411294A-20C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s111903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/04 09:45 AM**	

Compound	%Recovery
Cumene	68
Propylbenzene	75
Chloromethane	87
1,2,4-Trichlorobenzene	97
Hexachlorobutadiene	95
Acetone	82
Carbon Disulfide	75
2-Propanol	91
trans-1,2-Dichloroethene	74
2-Butanone (Methyl Ethyl Ketone)	84
Tetrahydrofuran	86
1,4-Dioxane	93
4-Methyl-2-pentanone	97
2-Hexanone	98
Bromoform	99
4-Ethyltoluene	88
Ethanol	53 Q
Methyl tert-butyl ether	68
2,2,4-Trimethylpentane	79
3-Chloropropene	70

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	104	70-130

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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Contact Person SHARON WALLIN
Company CDM Irvine Email
Address City IRVINE State CA Zip
Phone Fax
Collected by: (Signature)

Project Info:
P.O. #
Project #
Project Name OMEGA

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: JM
Date: 11/18/04
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	SG-7-18FT	11/11/04	15:00	TO-15 (plus TICs)	30	0	0.0"Hg	5psi
02A	SG-7-24FT		15:00			0	0.5"Hg	
03A	SG-8-18FT		16:30			0	0.5"Hg	
04A	SG-8-24FT		16:30			22	22.0"Hg	
05A	SG-9-18FT		16:30			0	0.5"Hg	
06A	SG-9-24FT		16:30			14	13.0"Hg	
07A	SG-10-18FT		15:45			0	1.0"Hg	
08A	SG-10-24FT		15:45			0	1.5"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	11/12/04 15:00	[signature] AIR	11/16/04 935
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	6429 3888 5712	0	good	Yes No (None)	0411294

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CHAIN-OF-CUSTODY RECORD

Contact Person: Sharon Wallin
Company: CDM Irvine Email:
Address: City: State: Zip:
Phone: Fax:
Collected by: (Signature)

Project Info:
P.O. #:
Project #:
Project Name:

Turn Around Time:
☐ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: GMW
Date: 11/18/04
Pressurization Gas: (N_2) He

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
09A	SG-11-18FT	11/11/04	14:50	TO-15 (plus TFCs)	30	0	0.5"Hg	5psi
10A	SG-11-24FT	11/11/04	14:50		30	0	0.5"Hg	
11A	SG-7-24FT-DUP	11/11/04	16:40		30	0	1.5"Hg	
12A	SG-13-6FT		15:20		30	0	0.0"Hg	
13A	SG-13-12FT		15:20		30	0	0.0"Hg	
14A	SG-14-6FT		16:08		30	0	0.0"Hg	
15A	SG-14-12FT		16:08		30	0	5.5"Hg	
16A	SG-15-6FT		15:36		30	0	0.5"Hg	
17A	SG-15-12FT		15:36		30	0	0.5"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	11/12/04 15:00	[signature] ATL	11/16/04 935
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	6429 3888 5712	Ø	good	Yes No (None)	0411294

Form 1293 rev.10

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Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

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WORK ORDER #: 0512484D

Work Order Summary

CLIENT:	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612	**BILL TO:**	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612
PHONE:	949-930-2158	**P.O. #**	
FAX:	949-752-1307	**PROJECT #**	Omega Chemical
DATE RECEIVED:	12/21/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/05/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
04A	OC-SG-040-VP13-121205	Modified ASTM D-1946	5.0 "Hg
06A	OC-SG-071-VP13-121205	Modified ASTM D-1946	5.0 "Hg
15A	OC-SG-024-VP19-121305	Modified ASTM D-1946	4.5 "Hg
16A	OC-SG-040-VP19-121305	Modified ASTM D-1946	4.0 "Hg
16AA	OC-SG-040-VP19-121305 Duplicate	Modified ASTM D-1946	4.0 "Hg
17A	OC-SG-050-VP19-121305	Modified ASTM D-1946	3.0 "Hg
18A	OC-SG-050K-VP19-121305	Modified ASTM D-1946	3.5 "Hg
19A	OC-SG-060-VP19-121305	Modified ASTM D-1946	3.5 "Hg
36A	OC-SG-027-VP18-121505	Modified ASTM D-1946	2.5 "Hg
40A	OC-SG-058-VP18-121505	Modified ASTM D-1946	4.5 "Hg
41A	Lab Blank	Modified ASTM D-1946	NA
41B	Lab Blank	Modified ASTM D-1946	NA
42A	LCS	Modified ASTM D-1946	NA
42B	LCS	Modified ASTM D-1946	NA

CERTIFIED BY: Linda D. Fruman DATE: 01/05/06

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified ASTM D-1946
CDM
Workorder# 0512484D

Nine 1 Liter Summa Canister samples were received on December 21, 2005. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane in air using GC/FID. The method involves direct injection of 1.0 mL of sample.

Method modifications taken to run these samples include:

Requirement	***ASTM D-1946***	***ATL Modifications***
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 30% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: OC-SG-040-VP13-121205

Lab ID#: 0512484D-04A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00024	0.0020

Client Sample ID: OC-SG-071-VP13-121205

Lab ID#: 0512484D-06A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00024	0.00097

Client Sample ID: OC-SG-024-VP19-121305

Lab ID#: 0512484D-15A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00024	0.00033

Client Sample ID: OC-SG-040-VP19-121305

Lab ID#: 0512484D-16A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00023	0.00025

Client Sample ID: OC-SG-040-VP19-121305 Duplicate

Lab ID#: 0512484D-16AA

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00023	0.00025

Client Sample ID: OC-SG-050-VP19-121305

Lab ID#: 0512484D-17A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00022	0.00026

Client Sample ID: OC-SG-050K-VP19-121305

Lab ID#: 0512484D-18A

Compound	Rpt. Limit (%)	Amount (%)

Client Sample ID: OC-SG-050K-VP19-121305

Lab ID#: 0512484D-18A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00023	0.00030

Client Sample ID: OC-SG-060-VP19-121305

Lab ID#: 0512484D-19A

No Detections Were Found.

Client Sample ID: OC-SG-027-VP18-121505

Lab ID#: 0512484D-36A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00022	0.00069

Client Sample ID: OC-SG-058-VP18-121505

Lab ID#: 0512484D-40A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00024	0.00034

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP13-121205

Lab ID#: 0512484D-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123012**	**Date of Collection: 12/12/05**	
Dil. Factor:	**2.42**	**Date of Analysis: 12/30/05 11:46 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00024	0.0020

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: OC-SG-071-VP13-121205

Lab ID#: 0512484D-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3010420**	**Date of Collection: 12/12/05**	
Dil. Factor:	**2.42**	**Date of Analysis: 1/4/06 03:34 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00024	0.00097

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: OC-SG-024-VP19-121305

Lab ID#: 0512484D-15A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123014**	**Date of Collection: 12/13/05**	
Dil. Factor:	**2.38**	**Date of Analysis: 12/30/05 12:33 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00024	0.00033

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP19-121305

Lab ID#: 0512484D-16A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123016**	**Date of Collection: 12/13/05**	
Dil. Factor:	**2.33**	**Date of Analysis: 12/30/05 01:15 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00023	0.00025

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP19-121305 Duplicate

Lab ID#: 0512484D-16AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3010421**	**Date of Collection: 12/13/05**	
Dil. Factor:	**2.33**	**Date of Analysis: 1/4/06 05:18 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00023	0.00025

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: OC-SG-050-VP19-121305

Lab ID#: 0512484D-17A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123017**	**Date of Collection: 12/13/05**	
Dil. Factor:	**2.24**	**Date of Analysis: 12/30/05 01:36 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00022	0.00026

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: OC-SG-050K-VP19-121305

Lab ID#: 0512484D-18A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123018**	**Date of Collection: 12/13/05**	
Dil. Factor:	**2.29**	**Date of Analysis: 12/30/05 02:03 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00023	0.00030

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: OC-SG-060-VP19-121305

Lab ID#: 0512484D-19A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123019**	**Date of Collection: 12/13/05**	
Dil. Factor:	**2.29**	**Date of Analysis: 12/30/05 02:28 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00023	Not Detected

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: OC-SG-027-VP18-121505

Lab ID#: 0512484D-36A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123022**	**Date of Collection: 12/15/05**	
Dil. Factor:	**2.20**	**Date of Analysis: 12/30/05 04:34 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00022	0.00069

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: OC-SG-058-VP18-121505

Lab ID#: 0512484D-40A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123021**	**Date of Collection: 12/15/05**	
Dil. Factor:	**2.38**	**Date of Analysis: 12/30/05 03:48 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00024	0.00034

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484D-41A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/30/05 07:41 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00010	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484D-41B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3010419**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 03:12 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00010	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484D-42A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3123024**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/30/05 05:47 PM**	

Compound	**%Recovery**
Methane	100

Container Type: NA - Not Applicable

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484D-42B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**3010422**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 06:37 PM**	

Compound	%Recovery
Methane	108

Container Type: NA - Not Applicable

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

Contact Person: Sharon Wallin
Company: CDM, Inc. Email:
Address: 18581 Teller Ave., Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (signature) Scott A. Sanderson

Project Info:
P.O. #:
Project #: 16
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VP
Date: 12/27/05
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
~~01A~~	OC-SG-008-VP13-121205	3394	12/12/05	1600	TO-15 (VOCs & Freon 11, 12, 113)	-30	-4	3.0 "Hg	15.0 psi
02A	OC-SG-020-VP13-121205	4164		1636		-30	-7	5.0 "Hg	
~~03A~~	OC-SG-029-VP13-121205	18894		1542	↓	-30	-4	3.5 "Hg	
04A	OC-SG-040-VP13-121205	2181		1533	Methane (ASTM 1946), TO-15 (VOCs & Freon 11, 12, 113)	-28	-4	5.0 "Hg	
~~05A~~	OC-SG-050-VP13-121205	3406		1525	TO-15 (VOCs & Freon 11, 12, 113)	-30	-5	1.5 "Hg	
06A	OC-SG-071-VP13-121205	18813		1517	Methane (ASTM 1946)	-28	-5	5.0 "Hg	↓
~~07A~~	OC-SG-015-VP17-121205	34601		1406	TO-15 (VOCs & Freon 11, 12, 113)	-29	-4	6.0 "Hg	15.2 psi
08A	OC-SG-025-VP17-121205	34603		1353		-30	-5	3.5 "Hg	15.0 psi
09A	OC-SG-031-VP17-121205	12382		1341		-28	-5	5.0 "Hg	15.0 psi
10A	OC-SG-045-VP17-121205	11833	↓	1310	↓	-29	-5	8.5 "Hg	15.0 psi

Relinquished by: (signature) Date/Time: Scott A Sanderson 12-18-05/1600
Received by: (signature) Date/Time: (FedEx) 12/21/05 1120
Notes:

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Lab Use Only
Shipper Name: FedEx Air Bill #: 6429 3590 1209 Temp (°C): Condition: ok Customer Seals Intact? Yes No (None) Work Order #: 0512484

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 2 of 15

Contact Person: Sharon Wallin
Company: CDM, Inc. Email:
Address: 18581 Teller Ave., Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (Signature) Scott A. Anderson

Project Info:
P.O. #:
Project #: 1165
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VAR
Date: 12/27/05
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
11A	OC-SG-060-VP17-121205	2091	12/12/05	1259	TO-15 (VOCs & Freon 11, 12, 113)	-24	-4	8.5"Hg	15.0 PSI
12A	OC-SG-006-VP19-121305	33405	12/13/05	1130		-30	-5	3.0"Hg	
13A	OC-SG-012-VP19-121305	3777		1121		-27	-5	4.5"Hg	
14A	OC-SG-018-VP19-121305	9366		1113		-29	-5	4.0"Hg	
15A	OC-SG-024-VP19-121305	9440		1102	Methane (ASTM 1946), TO-15 (VOCs & Freon 11, 12, 113)	-28	-5	4.5"Hg	
16A	OC-SG-040-VP19-121305	2136		1151	Methane (ASTM 1946), TO-15 (VOCs & Freon 11, 12, 113)	-30	-5	4.0"Hg	
17A	OC-SG-050-VP19-121305	3477		1014	Methane (ASTM 1946), TO-15 (VOCs & Freon 11, 12, 113)	-28	-4	3.0"Hg	
18A	OC-SG-050X-VP19-121305	3442		1014	Methane (ASTM 1946), TO-15 (VOCs & Freon 11, 12, 113)	-28	-3	3.5"Hg	
19A	OC-SG-060-VP19-121305	2110		1040	Methane (ASTM 1946), TO-15 (VOCs & Freon 11, 12, 113)	-30	-5	3.5"Hg	
~~20A~~	OC-SG-070-VP19-121305	9487		958	TO-15 (VOCs & Freon 11, 12, 113)	-29	-5	4.0"Hg	

Relinquished by: (signature) Date/Time: Scott A. Anderson 12-18-05/16:00
Received by: (signature) Date/Time: Mark Waits - AIR 12/21/05 1120
Notes:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Fedex	6429 3890 1208	-	good	Yes No None	0512484

Form 1993 rev.10

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person: Sharon Wallin
Company: CDM Inc. Email:
Address: 18581 Teller Ave. Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (Signature) Scott A Sanderson

Project Info:
P.O. #:
Project #:
Project Name: Omega Chemical

Turn Around Time: (Lab Use Only)
☒ Normal
☐ Rush
specify

Pressurized by:
Date:
Pressurization Gas: N_2 He

	Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
30A	31A	OC-SG-024-VP15-121405	30817	12/14/05	1309	TO-15 (VOCs & Freon 11, 12, 113)	-29	-5		
31A	32A	OC-SG-040-VP15-121405	34090	12/14/05	1257		-30	-5		
32A	33A	OC-SG-050-VP15-121405	2122	12/14/05	1240		-29	-5		
33A	34A	OC-SG-060-VP15-121405	4329	12/14/05	1225		-27	-5		
34A	35A	OC-SG-070-VP15-121405	2124	12/14/05	1212		-29	-5	2.5"Hg	15.0 psi
35A	36A	OC-SG-018K-VP15-121405	9350	12/14/05	1348		-28	-5	5.0"Hg	
36A	37A	OC-SG-027-VP18-121505	31775	12/15/05	836	Methane (ASTM 1946), TO-15 (VOCs, Freon 11, 12, 113)	-30	-5	2.5"Hg	
37A	38A	OC-SG-038K-VP18-121505	9363	12/15/05	853	~~[illegible]~~ TO-15 (VOCs, Freon 11, 12, 113)	-29	-5	3.5"Hg	
38A	39A	OC-SG-038-VP18-121505	9460	12/15/05	853	TO-15 (VOCs & Freon 11, 12, 113)	-30	-5	3.0"Hg	
39A	40A	OC-SG-050-VP18-121505	9537	12/15/05	906		-28	-5	3.5"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Notes:
Scott A Sanderson	12-18 05/1600	Connan J. Watson	12/21/05 1120	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Fedex	6429 3890 1208		good	Yes No None	0512484

Form 1293 rev.10

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person: Sharon Wallin
Company: CDM, Inc. Email:
Address: 18581 Teller Ave. Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5457 Fax: (949) 752-1307
Collected by: (Signature) Scott A. Sanderson

Project Info:
P.O. #:
Project #:
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VAC
Date: 12/28/05
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
40A	40A	OC-SG-058-VP18-121505	9492	12/15/05	917	Methane (ASTM 1946); TO-15 (VOCs & Freon 11,12,113)	-28	-5	4.5"Hg	15.0 psi
41A	41A	OC-SG-012-VP14-121505	33641		1004	TO-15 (VOCs & Freon 11,12,113)	-30	-5	3.5"Hg	
42A	42A	OC-SG-029-VP14-121505	2042		1015		-28	-5	4.0"Hg	
43A	44A	OC-SG-035-VP14-121505	13392		1021		-29	-5	5.5"Hg	
44A	45A	OC-SG-044-VP14-121505	34606		1055		-28	-5	4.5"Hg	
45A	46A	OC-SG-044A-VP14-121505	34661		1055		-27	-5	6.5"Hg	
46A	47A	OC-SG-051-VP14-121505	12374		1029		-30	-5	3.0"Hg	
47A	48A	OC-SG-058-VP14-121505	2098		1045		-29	-5	5.5"Hg	
48A	49A	OC-SG-TB01	31762			TO-15 (VOCs & Freon 11,12,113)			28.5"Hg	
49A	50A	OC-SG-TB02	12802						29.0"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Notes:
Scott A. Sanderson	12-18-05/1600	[signature]	12/21/05	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Fr Ex	6429 3890 1208	-	good	Yes No None	0512484

Form 1293 rev.10

Calscience
Environmental
Laboratories, Inc.

August 23, 2005

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 05-08-1042**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/15/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070-VP11-081505	**05-08-1042-1**	**08/15/05**	**Air**	**N/A**	**08/17/05**	**050817L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	9.9	1.6	1.55		t-1,2-Dichloroethene	ND	0.78	1.55	
Benzene	ND	0.78	1.55		t-1,3-Dichloropropene	ND	1.6	1.55	
Benzyl Chloride	ND	1.6	1.55		Ethylbenzene	ND	0.78	1.55	
Bromodichloromethane	ND	0.78	1.55		4-Ethyltoluene	ND	0.78	1.55	
Bromoform	ND	0.78	1.55		Hexachloro-1,3-Butadiene	ND	1.6	1.55	
Bromomethane	ND	0.78	1.55		2-Hexanone	ND	1.6	1.55	
2-Butanone	1.7	1.6	1.55		Methyl-t-Butyl Ether (MTBE)	ND	3.1	1.55	
Carbon Disulfide	ND	0.78	1.55		Methylene Chloride	ND	3.1	1.55	
Carbon Tetrachloride	ND	0.78	1.55		4-Methyl-2-Pentanone	ND	1.6	1.55	
Chlorobenzene	ND	0.78	1.55		o-Xylene	ND	0.78	1.55	
Chloroethane	ND	0.78	1.55		p/m-Xylene	ND	1.6	1.55	
Chloroform	ND	0.78	1.55		Styrene	ND	1.6	1.55	
Chloromethane	0.78	0.78	1.55		Tetrachloroethene	1.6	0.7	1.55	
Dibromochloromethane	ND	0.78	1.55		Toluene	1.3	0.7	1.55	
Dichlorodifluoromethane	ND	0.78	1.55		Trichloroethene	ND	0.78	1.55	
1,1-Dichloroethane	ND	0.78	1.55		Trichlorofluoromethane	ND	1.6	1.55	
1,1-Dichloroethene	1.2	0.7	1.55		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.6	1.55	
1,2-Dibromoethane	ND	0.78	1.55		1,1,1-Trichloroethane	ND	0.78	1.55	
Dichlorotetrafluoroethane	ND	3.1	1.55		1,1,2-Trichloroethane	ND	0.78	1.55	
1,2-Dichlorobenzene	ND	0.78	1.55		1,1,1,2-Tetrachloroethane	ND	0.78	1.55	
1,2-Dichloroethane	ND	0.78	1.55		1,3,5-Trimethylbenzene	ND	0.78	1.55	
1,2-Dichloropropane	ND	0.78	1.55		1,1,2,2-Tetrachloroethane	ND	1.6	1.55	
1,3-Dichlorobenzene	ND	0.78	1.55		1,2,4-Trimethylbenzene	ND	1.6	1.55	
1,4-Dichlorobenzene	ND	0.78	1.55		1,2,4-Trichlorobenzene	ND	1.6	1.55	
c-1,3-Dichloropropene	ND	0.78	1.55		Vinyl Acetate	ND	1.6	1.55	
c-1,2-Dichloroethene	ND	0.78	1.55		Vinyl Chloride	ND	0.78	1.55	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 2 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060-VP11-081505	**05-08-1042-2**	**08/15/05**	**Air**	**N/A**	**08/18/05**	**050817L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	380	47	46.5		t-1,2-Dichloroethene	7000	930	1860	
Benzene	72	23	46.5		t-1,3-Dichloropropene	ND	47	46.5	
Benzyl Chloride	ND	47	46.5		Ethylbenzene	ND	23	46.5	
Bromodichloromethane	ND	23	46.5		4-Ethyltoluene	ND	23	46.5	
Bromoform	ND	23	46.5		Hexachloro-1,3-Butadiene	ND	47	46.5	
Bromomethane	ND	23	46.5		2-Hexanone	ND	47	46.5	
2-Butanone	ND	47	46.5		Methyl-t-Butyl Ether (MTBE)	ND	93	46.5	
Carbon Disulfide	ND	23	46.5		Methylene Chloride	ND	93	46.5	
Carbon Tetrachloride	52	23	46.5		4-Methyl-2-Pentanone	ND	47	46.5	
Chlorobenzene	ND	23	46.5		o-Xylene	79	23	46.5	
Chloroethane	ND	23	46.5		p/m-Xylene	160	47	46.5	
Chloroform	1400	23	46.5		Styrene	ND	47	46.5	
Chloromethane	ND	23	46.5		Tetrachloroethene	31000	930	1860	
Dibromochloromethane	ND	23	46.5		Toluene	110	23	46.5	
Dichlorodifluoromethane	270	23	46.5		Trichloroethene	9100	930	1860	
1,1-Dichloroethane	1700	23	46.5		Trichlorofluoromethane	90000	9300	9300	
1,1-Dichloroethene	190000	4700	9300		1,1,2-Trichloro-1,2,2-Trifluoroethane	180000	9300	9300	
1,2-Dibromoethane	ND	23	46.5		1,1,1-Trichloroethane	840	23	46.5	
Dichlorotetrafluoroethane	ND	93	46.5		1,1,2-Trichloroethane	ND	23	46.5	
1,2-Dichlorobenzene	ND	23	46.5		1,1,1,2-Tetrachloroethane	ND	23	46.5	
1,2-Dichloroethane	ND	23	46.5		1,3,5-Trimethylbenzene	26	23	46.5	
1,2-Dichloropropane	ND	23	46.5		1,1,2,2-Tetrachloroethane	ND	47	46.5	
1,3-Dichlorobenzene	ND	23	46.5		1,2,4-Trimethylbenzene	ND	47	46.5	
1,4-Dichlorobenzene	ND	23	46.5		1,2,4-Trichlorobenzene	ND	47	46.5	
c-1,3-Dichloropropene	ND	23	46.5		Vinyl Acetate	ND	47	46.5	
c-1,2-Dichloroethene	36	23	46.5		Vinyl Chloride	64	23	46.5	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP11-081505	**05-08-1042-3**	**08/15/05**	**Air**	**N/A**	**08/18/05**	**050817L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	190	26	26		t-1,2-Dichloroethene	600	13	26	
Benzene	ND	13	26		t-1,3-Dichloropropene	ND	26	26	
Benzyl Chloride	ND	26	26		Ethylbenzene	ND	13	26	
Bromodichloromethane	ND	13	26		4-Ethyltoluene	ND	13	26	
Bromoform	ND	13	26		Hexachloro-1,3-Butadiene	ND	26	26	
Bromomethane	ND	13	26		2-Hexanone	ND	26	26	
2-Butanone	ND	26	26		Methyl-t-Butyl Ether (MTBE)	ND	52	26	
Carbon Disulfide	ND	13	26		Methylene Chloride	ND	52	26	
Carbon Tetrachloride	20	13	26		4-Methyl-2-Pentanone	ND	26	26	
Chlorobenzene	ND	13	26		o-Xylene	ND	13	26	
Chloroethane	ND	13	26		p/m-Xylene	ND	26	26	
Chloroform	120	13	26		Styrene	ND	26	26	
Chloromethane	ND	13	26		Tetrachloroethene	9100	520	1040	
Dibromochloromethane	ND	13	26		Toluene	16	13	26	
Dichlorodifluoromethane	130	13	26		Trichloroethene	3700	520	1040	
1,1-Dichloroethane	430	13	26		Trichlorofluoromethane	63000	5200	5190	
1,1-Dichloroethene	100000	2600	5190		1,1,2-Trichloro-1,2,2-Trifluoroethane	120000	5200	5190	
1,2-Dibromoethane	ND	13	26		1,1,1-Trichloroethane	140	13	26	
Dichlorotetrafluoroethane	ND	52	26		1,1,2-Trichloroethane	ND	13	26	
1,2-Dichlorobenzene	ND	13	26		1,1,1,2-Tetrachloroethane	ND	13	26	
1,2-Dichloroethane	ND	13	26		1,3,5-Trimethylbenzene	ND	13	26	
1,2-Dichloropropane	ND	13	26		1,1,2,2-Tetrachloroethane	ND	26	26	
1,3-Dichlorobenzene	ND	13	26		1,2,4-Trimethylbenzene	ND	26	26	
1,4-Dichlorobenzene	ND	13	26		1,2,4-Trichlorobenzene	ND	26	26	
c-1,3-Dichloropropene	ND	13	26		Vinyl Acetate	ND	26	26	
c-1,2-Dichloroethene	170	13	26		Vinyl Chloride	ND	13	26	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP11-081505	**05-08-1042-4**	**08/15/05**	**Air**	**N/A**	**08/18/05**	**050817L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	180	24	24.2		t-1,2-Dichloroethene	600	12	24.2	
Benzene	15	12	24.2		t-1,3-Dichloropropene	ND	24	24.2	
Benzyl Chloride	ND	24	24.2		Ethylbenzene	ND	12	24.2	
Bromodichloromethane	ND	12	24.2		4-Ethyltoluene	ND	12	24.2	
Bromoform	ND	12	24.2		Hexachloro-1,3-Butadiene	ND	24	24.2	
Bromomethane	ND	12	24.2		2-Hexanone	ND	24	24.2	
2-Butanone	ND	24	24.2		Methyl-t-Butyl Ether (MTBE)	ND	48	24.2	
Carbon Disulfide	ND	12	24.2		Methylene Chloride	ND	48	24.2	
Carbon Tetrachloride	20	12	24.2		4-Methyl-2-Pentanone	ND	24	24.2	
Chlorobenzene	ND	12	24.2		o-Xylene	ND	12	24.2	
Chloroethane	ND	12	24.2		p/m-Xylene	ND	24	24.2	
Chloroform	140	12	24.2		Styrene	ND	24	24.2	
Chloromethane	ND	12	24.2		Tetrachloroethene	14000	480	966	
Dibromochloromethane	ND	12	24.2		Toluene	16	12	24.2	
Dichlorodifluoromethane	130	12	24.2		Trichloroethene	5100	480	966	
1,1-Dichloroethane	480	12	24.2		Trichlorofluoromethane	63000	4800	4830	
1,1-Dichloroethene	110000	2400	4830		1,1,2-Trichloro-1,2,2-Trifluoroethane	120000	4800	4830	
1,2-Dibromoethane	ND	12	24.2		1,1,1-Trichloroethane	140	12	24.2	
Dichlorotetrafluoroethane	ND	48	24.2		1,1,2-Trichloroethane	ND	12	24.2	
1,2-Dichlorobenzene	ND	12	24.2		1,1,1,2-Tetrachloroethane	ND	12	24.2	
1,2-Dichloroethane	ND	12	24.2		1,3,5-Trimethylbenzene	ND	12	24.2	
1,2-Dichloropropane	ND	12	24.2		1,1,2,2-Tetrachloroethane	ND	24	24.2	
1,3-Dichlorobenzene	ND	12	24.2		1,2,4-Trimethylbenzene	ND	24	24.2	
1,4-Dichlorobenzene	ND	12	24.2		1,2,4-Trichlorobenzene	ND	24	24.2	
c-1,3-Dichloropropene	ND	12	24.2		Vinyl Acetate	ND	24	24.2	
c-1,2-Dichloroethene	240	12	24.2		Vinyl Chloride	13	12	24.2	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 5 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP11-081505	**05-08-1042-5**	**08/15/05**	**Air**	**N/A**	**08/18/05**	**050817L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	520	56	56		t-1,2-Dichloroethene	1300	28	56	
Benzene	48	28	56		t-1,3-Dichloropropene	ND	56	56	
Benzyl Chloride	ND	56	56		Ethylbenzene	ND	28	56	
Bromodichloromethane	ND	28	56		4-Ethyltoluene	ND	28	56	
Bromoform	ND	28	56		Hexachloro-1,3-Butadiene	ND	56	56	
Bromomethane	ND	28	56		2-Hexanone	ND	56	56	
2-Butanone	ND	56	56		Methyl-t-Butyl Ether (MTBE)	ND	110	56	
Carbon Disulfide	ND	28	56		Methylene Chloride	ND	110	56	
Carbon Tetrachloride	37	28	56		4-Methyl-2-Pentanone	ND	56	56	
Chlorobenzene	ND	28	56		o-Xylene	70	28	56	
Chloroethane	ND	28	56		p/m-Xylene	140	56	56	
Chloroform	310	28	56		Styrene	ND	56	56	
Chloromethane	ND	28	56		Tetrachloroethene	60000	1100	2240	
Dibromochloromethane	ND	28	56		Toluene	110	28	56	
Dichlorodifluoromethane	190	28	56		Trichloroethene	16000	1100	2240	
1,1-Dichloroethane	980	28	56		Trichlorofluoromethane	95000	11000	11200	
1,1-Dichloroethene	180000	5600	11200		1,1,2-Trichloro-1,2,2-Trifluoroethane	180000	11000	11200	
1,2-Dibromoethane	ND	28	56		1,1,1-Trichloroethane	280	28	56	
Dichlorotetrafluoroethane	ND	110	56		1,1,2-Trichloroethane	ND	28	56	
1,2-Dichlorobenzene	ND	28	56		1,1,1,2-Tetrachloroethane	ND	28	56	
1,2-Dichloroethane	ND	28	56		1,3,5-Trimethylbenzene	ND	28	56	
1,2-Dichloropropane	ND	28	56		1,1,2,2-Tetrachloroethane	ND	56	56	
1,3-Dichlorobenzene	ND	28	56		1,2,4-Trimethylbenzene	ND	56	56	
1,4-Dichlorobenzene	ND	28	56		1,2,4-Trichlorobenzene	ND	56	56	
c-1,3-Dichloropropene	ND	28	56		Vinyl Acetate	ND	56	56	
c-1,2-Dichloroethene	610	28	56		Vinyl Chloride	ND	28	56	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 6 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050-VP11-081505	**05-08-1042-6**	**08/15/05**	**Air**	**N/A**	**08/18/05**	**050817L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	390	43	43.1		t-1,2-Dichloroethene	2200	870	1730	
Benzene	29	22	43.1		t-1,3-Dichloropropene	ND	43	43.1	
Benzyl Chloride	ND	43	43.1		Ethylbenzene	ND	22	43.1	
Bromodichloromethane	ND	22	43.1		4-Ethyltoluene	ND	22	43.1	
Bromoform	ND	22	43.1		Hexachloro-1,3-Butadiene	ND	43	43.1	
Bromomethane	ND	22	43.1		2-Hexanone	ND	43	43.1	
2-Butanone	ND	43	43.1		Methyl-t-Butyl Ether (MTBE)	ND	86	43.1	
Carbon Disulfide	ND	22	43.1		Methylene Chloride	ND	86	43.1	
Carbon Tetrachloride	30	22	43.1		4-Methyl-2-Pentanone	ND	43	43.1	
Chlorobenzene	ND	22	43.1		o-Xylene	42	22	43.1	
Chloroethane	ND	22	43.1		p/m-Xylene	88	43	43.1	
Chloroform	460	22	43.1		Styrene	ND	43	43.1	
Chloromethane	ND	22	43.1		Tetrachloroethene	22000	870	1730	
Dibromochloromethane	ND	22	43.1		Toluene	82	22	43.1	
Dichlorodifluoromethane	220	22	43.1		Trichloroethene	4700	870	1730	
1,1-Dichloroethane	800	22	43.1		Trichlorofluoromethane	80000	8600	8620	
1,1-Dichloroethene	130000	4300	8620		1,1,2-Trichloro-1,2,2-Trifluoroethane	160000	8600	8620	
1,2-Dibromoethane	ND	22	43.1		1,1,1-Trichloroethane	270	22	43.1	
Dichlorotetrafluoroethane	ND	86	43.1		1,1,2-Trichloroethane	ND	22	43.1	
1,2-Dichlorobenzene	ND	22	43.1		1,1,1,2-Tetrachloroethane	ND	22	43.1	
1,2-Dichloroethane	ND	22	43.1		1,3,5-Trimethylbenzene	ND	22	43.1	
1,2-Dichloropropane	ND	22	43.1		1,1,2,2-Tetrachloroethane	ND	43	43.1	
1,3-Dichlorobenzene	ND	22	43.1		1,2,4-Trimethylbenzene	ND	43	43.1	
1,4-Dichlorobenzene	ND	22	43.1		1,2,4-Trichlorobenzene	ND	43	43.1	
c-1,3-Dichloropropene	ND	22	43.1		Vinyl Acetate	ND	43	43.1	
c-1,2-Dichloroethene	46	22	43.1		Vinyl Chloride	31	22	43.1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

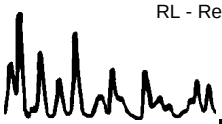
Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP11-081505	**05-08-1042-7**	**08/15/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1300	300	300		t-1,2-Dichloroethene	1500	150	300	
Benzene	ND	150	300		t-1,3-Dichloropropene	ND	300	300	
Benzyl Chloride	ND	300	300		Ethylbenzene	ND	150	300	
Bromodichloromethane	ND	150	300		4-Ethyltoluene	ND	150	300	
Bromoform	ND	150	300		Hexachloro-1,3-Butadiene	ND	300	300	
Bromomethane	ND	150	300		2-Hexanone	ND	300	300	
2-Butanone	ND	300	300		Methyl-t-Butyl Ether (MTBE)	ND	600	300	
Carbon Disulfide	1000	150	300		Methylene Chloride	ND	600	300	
Carbon Tetrachloride	ND	150	300		4-Methyl-2-Pentanone	ND	300	300	
Chlorobenzene	ND	150	300		o-Xylene	ND	150	300	
Chloroethane	ND	150	300		p/m-Xylene	ND	300	300	
Chloroform	310	150	300		Styrene	ND	300	300	
Chloromethane	ND	150	300		Tetrachloroethene	14000	150	300	
Dibromochloromethane	ND	150	300		Toluene	ND	150	300	
Dichlorodifluoromethane	210	150	300		Trichloroethene	3200	150	300	
1,1-Dichloroethane	600	150	300		Trichlorofluoromethane	79000	3000	3000	
1,1-Dichloroethene	140000	1500	3000		1,1,2-Trichloro-1,2,2-Trifluoroethane	180000	6000	6000	
1,2-Dibromoethane	ND	150	300		1,1,1-Trichloroethane	200	150	300	
Dichlorotetrafluoroethane	ND	600	300		1,1,2-Trichloroethane	ND	150	300	
1,2-Dichlorobenzene	ND	150	300		1,1,1,2-Tetrachloroethane	ND	150	300	
1,2-Dichloroethane	ND	150	300		1,3,5-Trimethylbenzene	ND	150	300	
1,2-Dichloropropane	ND	150	300		1,1,2,2-Tetrachloroethane	ND	300	300	
1,3-Dichlorobenzene	ND	150	300		1,2,4-Trimethylbenzene	ND	300	300	
1,4-Dichlorobenzene	ND	150	300		1,2,4-Trichlorobenzene	ND	300	300	
c-1,3-Dichloropropene	ND	150	300		Vinyl Acetate	ND	300	300	
c-1,2-Dichloroethene	ND	150	300		Vinyl Chloride	ND	150	300	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP10-081505	**05-08-1042-8**	**08/15/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	14	2	1.6		t-1,2-Dichloroethene	ND	0.80	1.6	
Benzene	ND	0.80	1.6		t-1,3-Dichloropropene	ND	1.6	1.6	
Benzyl Chloride	ND	1.6	1.6		Ethylbenzene	ND	0.80	1.6	
Bromodichloromethane	ND	0.80	1.6		4-Ethyltoluene	ND	0.80	1.6	
Bromoform	ND	0.80	1.6		Hexachloro-1,3-Butadiene	ND	1.6	1.6	
Bromomethane	ND	0.80	1.6		2-Hexanone	ND	1.6	1.6	
2-Butanone	ND	1.6	1.6		Methyl-t-Butyl Ether (MTBE)	ND	3.2	1.6	
Carbon Disulfide	ND	0.80	1.6		Methylene Chloride	ND	3.2	1.6	
Carbon Tetrachloride	ND	0.80	1.6		4-Methyl-2-Pentanone	ND	1.6	1.6	
Chlorobenzene	ND	0.80	1.6		o-Xylene	ND	0.80	1.6	
Chloroethane	ND	0.80	1.6		p/m-Xylene	ND	1.6	1.6	
Chloroform	ND	0.80	1.6		Styrene	ND	1.6	1.6	
Chloromethane	0.87	0.8	1.6		Tetrachloroethene	ND	0.80	1.6	
Dibromochloromethane	ND	0.80	1.6		Toluene	1.8	0.8	1.6	
Dichlorodifluoromethane	ND	0.80	1.6		Trichloroethene	ND	0.80	1.6	
1,1-Dichloroethane	ND	0.80	1.6		Trichlorofluoromethane	1.9	1.6	1.6	
1,1-Dichloroethene	2.2	0.8	1.6		1,1,2-Trichloro-1,2,2-Trifluoroethane	2.5	1.6	1.6	
1,2-Dibromoethane	ND	0.80	1.6		1,1,1-Trichloroethane	ND	0.80	1.6	
Dichlorotetrafluoroethane	ND	3.2	1.6		1,1,2-Trichloroethane	ND	0.80	1.6	
1,2-Dichlorobenzene	ND	0.80	1.6		1,1,1,2-Tetrachloroethane	ND	0.80	1.6	
1,2-Dichloroethane	ND	0.80	1.6		1,3,5-Trimethylbenzene	ND	0.80	1.6	
1,2-Dichloropropane	ND	0.80	1.6		1,1,2,2-Tetrachloroethane	ND	1.6	1.6	
1,3-Dichlorobenzene	ND	0.80	1.6		1,2,4-Trimethylbenzene	ND	1.6	1.6	
1,4-Dichlorobenzene	ND	0.80	1.6		1,2,4-Trichlorobenzene	ND	1.6	1.6	
c-1,3-Dichloropropene	ND	0.80	1.6		Vinyl Acetate	ND	1.6	1.6	
c-1,2-Dichloroethene	ND	0.80	1.6		Vinyl Chloride	ND	0.80	1.6	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 9 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP10-081505	**05-08-1042-9**	**08/15/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1300	220	215		t-1,2-Dichloroethene	390	110	215	
Benzene	ND	110	215		t-1,3-Dichloropropene	ND	220	215	
Benzyl Chloride	ND	220	215		Ethylbenzene	ND	110	215	
Bromodichloromethane	ND	110	215		4-Ethyltoluene	ND	110	215	
Bromoform	ND	110	215		Hexachloro-1,3-Butadiene	ND	220	215	
Bromomethane	ND	110	215		2-Hexanone	ND	220	215	
2-Butanone	ND	220	215		Methyl-t-Butyl Ether (MTBE)	ND	430	215	
Carbon Disulfide	570	110	215		Methylene Chloride	ND	430	215	
Carbon Tetrachloride	ND	110	215		4-Methyl-2-Pentanone	ND	220	215	
Chlorobenzene	ND	110	215		o-Xylene	ND	110	215	
Chloroethane	ND	110	215		p/m-Xylene	ND	220	215	
Chloroform	650	110	215		Styrene	ND	220	215	
Chloromethane	ND	110	215		Tetrachloroethene	8900	110	215	
Dibromochloromethane	ND	110	215		Toluene	ND	110	215	
Dichlorodifluoromethane	180	110	215		Trichloroethene	2300	110	215	
1,1-Dichloroethane	860	110	215		Trichlorofluoromethane	53000	2200	2150	
1,1-Dichloroethene	58000	1100	2150		1,1,2-Trichloro-1,2,2-Trifluoroethane	160000	4300	4290	
1,2-Dibromoethane	ND	110	215		1,1,1-Trichloroethane	350	110	215	
Dichlorotetrafluoroethane	ND	430	215		1,1,2-Trichloroethane	ND	110	215	
1,2-Dichlorobenzene	ND	110	215		1,1,1,2-Tetrachloroethane	ND	110	215	
1,2-Dichloroethane	ND	110	215		1,3,5-Trimethylbenzene	ND	110	215	
1,2-Dichloropropane	ND	110	215		1,1,2,2-Tetrachloroethane	ND	220	215	
1,3-Dichlorobenzene	ND	110	215		1,2,4-Trimethylbenzene	ND	220	215	
1,4-Dichlorobenzene	ND	110	215		1,2,4-Trichlorobenzene	ND	220	215	
c-1,3-Dichloropropene	ND	110	215		Vinyl Acetate	ND	220	215	
c-1,2-Dichloroethene	2200	110	215		Vinyl Chloride	ND	110	215	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 10 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP10-081505	**05-08-1042-10**	**08/15/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1900	380	380		t-1,2-Dichloroethene	970	190	380	
Benzene	ND	190	380		t-1,3-Dichloropropene	ND	380	380	
Benzyl Chloride	ND	380	380		Ethylbenzene	ND	190	380	
Bromodichloromethane	ND	190	380		4-Ethyltoluene	ND	190	380	
Bromoform	ND	190	380		Hexachloro-1,3-Butadiene	ND	380	380	
Bromomethane	ND	190	380		2-Hexanone	ND	380	380	
2-Butanone	ND	380	380		Methyl-t-Butyl Ether (MTBE)	ND	760	380	
Carbon Disulfide	1500	190	380		Methylene Chloride	ND	760	380	
Carbon Tetrachloride	ND	190	380		4-Methyl-2-Pentanone	ND	380	380	
Chlorobenzene	ND	190	380		o-Xylene	ND	190	380	
Chloroethane	ND	190	380		p/m-Xylene	ND	380	380	
Chloroform	1200	190	380		Styrene	ND	380	380	
Chloromethane	ND	190	380		Tetrachloroethene	65000	1900	3800	
Dibromochloromethane	ND	190	380		Toluene	ND	190	380	
Dichlorodifluoromethane	ND	190	380		Trichloroethene	9800	190	380	
1,1-Dichloroethane	1600	190	380		Trichlorofluoromethane	70000	3800	3800	
1,1-Dichloroethene	100000	1900	3800		1,1,2-Trichloro-1,2,2-Trifluoroethane	180000	3800	3800	
1,2-Dibromoethane	ND	190	380		1,1,1-Trichloroethane	870	190	380	
Dichlorotetrafluoroethane	ND	760	380		1,1,2-Trichloroethane	ND	190	380	
1,2-Dichlorobenzene	ND	190	380		1,1,1,2-Tetrachloroethane	ND	190	380	
1,2-Dichloroethane	ND	190	380		1,3,5-Trimethylbenzene	ND	190	380	
1,2-Dichloropropane	ND	190	380		1,1,2,2-Tetrachloroethane	ND	380	380	
1,3-Dichlorobenzene	ND	190	380		1,2,4-Trimethylbenzene	ND	380	380	
1,4-Dichlorobenzene	ND	190	380		1,2,4-Trichlorobenzene	ND	380	380	
c-1,3-Dichloropropene	ND	190	380		Vinyl Acetate	ND	380	380	
c-1,2-Dichloroethene	9500	190	380		Vinyl Chloride	ND	190	380	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP10-081505	**05-08-1042-11**	**08/15/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1800	400	403		t-1,2-Dichloroethene	930	200	403	
Benzene	ND	200	403		t-1,3-Dichloropropene	ND	400	403	
Benzyl Chloride	ND	400	403		Ethylbenzene	ND	200	403	
Bromodichloromethane	ND	200	403		4-Ethyltoluene	ND	200	403	
Bromoform	ND	200	403		Hexachloro-1,3-Butadiene	ND	400	403	
Bromomethane	ND	200	403		2-Hexanone	ND	400	403	
2-Butanone	ND	400	403		Methyl-t-Butyl Ether (MTBE)	ND	810	403	
Carbon Disulfide	980	200	403		Methylene Chloride	ND	810	403	
Carbon Tetrachloride	ND	200	403		4-Methyl-2-Pentanone	ND	400	403	
Chlorobenzene	ND	200	403		o-Xylene	ND	200	403	
Chloroethane	ND	200	403		p/m-Xylene	ND	400	403	
Chloroform	1100	200	403		Styrene	ND	400	403	
Chloromethane	ND	200	403		Tetrachloroethene	61000	2000	4030	
Dibromochloromethane	ND	200	403		Toluene	ND	200	403	
Dichlorodifluoromethane	ND	200	403		Trichloroethene	9500	200	403	
1,1-Dichloroethane	1300	200	403		Trichlorofluoromethane	66000	4000	4030	
1,1-Dichloroethene	100000	2000	4030		1,1,2-Trichloro-1,2,2-Trifluoroethane	170000	4000	4030	
1,2-Dibromoethane	ND	200	403		1,1,1-Trichloroethane	710	200	403	
Dichlorotetrafluoroethane	ND	810	403		1,1,2-Trichloroethane	ND	200	403	
1,2-Dichlorobenzene	ND	200	403		1,1,1,2-Tetrachloroethane	ND	200	403	
1,2-Dichloroethane	ND	200	403		1,3,5-Trimethylbenzene	ND	200	403	
1,2-Dichloropropane	ND	200	403		1,1,2,2-Tetrachloroethane	ND	400	403	
1,3-Dichlorobenzene	ND	200	403		1,2,4-Trimethylbenzene	ND	400	403	
1,4-Dichlorobenzene	ND	200	403		1,2,4-Trichlorobenzene	ND	400	403	
c-1,3-Dichloropropene	ND	200	403		Vinyl Acetate	ND	400	403	
c-1,2-Dichloroethene	9500	200	403		Vinyl Chloride	ND	200	403	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP10-081505	**05-08-1042-12**	**08/15/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2400	330	332		t-1,2-Dichloroethene	850	170	332	
Benzene	ND	170	332		t-1,3-Dichloropropene	ND	330	332	
Benzyl Chloride	ND	330	332		Ethylbenzene	ND	170	332	
Bromodichloromethane	ND	170	332		4-Ethyltoluene	ND	170	332	
Bromoform	ND	170	332		Hexachloro-1,3-Butadiene	ND	330	332	
Bromomethane	ND	170	332		2-Hexanone	ND	330	332	
2-Butanone	ND	330	332		Methyl-t-Butyl Ether (MTBE)	ND	660	332	
Carbon Disulfide	2100	170	332		Methylene Chloride	ND	660	332	
Carbon Tetrachloride	ND	170	332		4-Methyl-2-Pentanone	ND	330	332	
Chlorobenzene	ND	170	332		o-Xylene	ND	170	332	
Chloroethane	ND	170	332		p/m-Xylene	ND	330	332	
Chloroform	940	170	332		Styrene	ND	330	332	
Chloromethane	ND	170	332		Tetrachloroethene	77000	1700	3320	
Dibromochloromethane	ND	170	332		Toluene	ND	170	332	
Dichlorodifluoromethane	ND	170	332		Trichloroethene	9800	170	332	
1,1-Dichloroethane	1100	170	332		Trichlorofluoromethane	56000	3300	3320	
1,1-Dichloroethene	85000	1700	3320		1,1,2-Trichloro-1,2,2-Trifluoroethane	140000	3300	3320	
1,2-Dibromoethane	ND	170	332		1,1,1-Trichloroethane	590	170	332	
Dichlorotetrafluoroethane	ND	660	332		1,1,2-Trichloroethane	ND	170	332	
1,2-Dichlorobenzene	ND	170	332		1,1,1,2-Tetrachloroethane	ND	170	332	
1,2-Dichloroethane	ND	170	332		1,3,5-Trimethylbenzene	ND	170	332	
1,2-Dichloropropane	ND	170	332		1,1,2,2-Tetrachloroethane	ND	330	332	
1,3-Dichlorobenzene	ND	170	332		1,2,4-Trimethylbenzene	ND	330	332	
1,4-Dichlorobenzene	ND	170	332		1,2,4-Trichlorobenzene	ND	330	332	
c-1,3-Dichloropropene	ND	170	332		Vinyl Acetate	ND	330	332	
c-1,2-Dichloroethene	9300	170	332		Vinyl Chloride	ND	170	332	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP07-081505	**05-08-1042-13**	**08/15/05**	**Air**	**N/A**	**08/20/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1800	270	270		t-1,2-Dichloroethene	550	140	270	
Benzene	150	140	270		t-1,3-Dichloropropene	ND	270	270	
Benzyl Chloride	ND	270	270		Ethylbenzene	ND	140	270	
Bromodichloromethane	ND	140	270		4-Ethyltoluene	ND	140	270	
Bromoform	ND	140	270		Hexachloro-1,3-Butadiene	ND	270	270	
Bromomethane	ND	140	270		2-Hexanone	ND	270	270	
2-Butanone	ND	270	270		Methyl-t-Butyl Ether (MTBE)	ND	540	270	
Carbon Disulfide	1900	140	270		Methylene Chloride	ND	540	270	
Carbon Tetrachloride	ND	140	270		4-Methyl-2-Pentanone	ND	270	270	
Chlorobenzene	ND	140	270		o-Xylene	ND	140	270	
Chloroethane	ND	140	270		p/m-Xylene	ND	270	270	
Chloroform	2500	140	270		Styrene	ND	270	270	
Chloromethane	ND	140	270		Tetrachloroethene	100000	1400	2700	
Dibromochloromethane	ND	140	270		Toluene	140	140	270	
Dichlorodifluoromethane	ND	140	270		Trichloroethene	8200	140	270	
1,1-Dichloroethane	1300	140	270		Trichlorofluoromethane	15000	2700	2700	
1,1-Dichloroethene	35000	1400	2700		1,1,2-Trichloro-1,2,2-Trifluoroethane	52000	2700	2700	
1,2-Dibromoethane	ND	140	270		1,1,1-Trichloroethane	8300	140	270	
Dichlorotetrafluoroethane	ND	540	270		1,1,2-Trichloroethane	ND	140	270	
1,2-Dichlorobenzene	ND	140	270		1,1,1,2-Tetrachloroethane	ND	140	270	
1,2-Dichloroethane	1300	140	270		1,3,5-Trimethylbenzene	ND	140	270	
1,2-Dichloropropane	ND	140	270		1,1,2,2-Tetrachloroethane	ND	270	270	
1,3-Dichlorobenzene	ND	140	270		1,2,4-Trimethylbenzene	ND	270	270	
1,4-Dichlorobenzene	ND	140	270		1,2,4-Trichlorobenzene	ND	270	270	
c-1,3-Dichloropropene	ND	140	270		Vinyl Acetate	ND	270	270	
c-1,2-Dichloroethene	ND	140	270		Vinyl Chloride	ND	140	270	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 14 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040K-VP07-081505	**05-08-1042-14**	**08/15/05**	**Air**	**N/A**	**08/21/05**	**050821L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	32	32.4		t-1,2-Dichloroethene	210	16	32.4	
Benzene	56	16	32.4		t-1,3-Dichloropropene	ND	32	32.4	
Benzyl Chloride	ND	32	32.4		Ethylbenzene	ND	16	32.4	
Bromodichloromethane	ND	16	32.4		4-Ethyltoluene	ND	16	32.4	
Bromoform	ND	16	32.4		Hexachloro-1,3-Butadiene	ND	32	32.4	
Bromomethane	ND	16	32.4		2-Hexanone	ND	32	32.4	
2-Butanone	ND	32	32.4		Methyl-t-Butyl Ether (MTBE)	ND	65	32.4	
Carbon Disulfide	ND	16	32.4		Methylene Chloride	ND	65	32.4	
Carbon Tetrachloride	ND	16	32.4		4-Methyl-2-Pentanone	ND	32	32.4	
Chlorobenzene	ND	16	32.4		o-Xylene	ND	16	32.4	
Chloroethane	ND	16	32.4		p/m-Xylene	ND	32	32.4	
Chloroform	910	16	32.4		Styrene	ND	32	32.4	
Chloromethane	ND	16	32.4		Tetrachloroethene	100000	2500	5080	
Dibromochloromethane	ND	16	32.4		Toluene	ND	16	32.4	
Dichlorodifluoromethane	ND	16	32.4		Trichloroethene	13000	640	1270	
1,1-Dichloroethane	430	16	32.4		Trichlorofluoromethane	21000	1300	1270	
1,1-Dichloroethene	48000	640	1270		1,1,2-Trichloro-1,2,2-Trifluoroethane	62000	5100	5080	
1,2-Dibromoethane	ND	16	32.4		1,1,1-Trichloroethane	11000	640	1270	
Dichlorotetrafluoroethane	ND	65	32.4		1,1,2-Trichloroethane	ND	16	32.4	
1,2-Dichlorobenzene	ND	16	32.4		1,1,1,2-Tetrachloroethane	ND	16	32.4	
1,2-Dichloroethane	610	16	32.4		1,3,5-Trimethylbenzene	ND	16	32.4	
1,2-Dichloropropane	ND	16	32.4		1,1,2,2-Tetrachloroethane	ND	32	32.4	
1,3-Dichlorobenzene	ND	16	32.4		1,2,4-Trimethylbenzene	ND	32	32.4	
1,4-Dichlorobenzene	ND	16	32.4		1,2,4-Trichlorobenzene	ND	32	32.4	
c-1,3-Dichloropropene	ND	16	32.4		Vinyl Acetate	ND	32	32.4	
c-1,2-Dichloroethene	23	16	32.4		Vinyl Chloride	ND	16	32.4	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP07-081505	**05-08-1042-15**	**08/15/05**	**Air**	**N/A**	**08/20/05**	**050820L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	150	31	30.8		t-1,2-Dichloroethene	390	15	30.8	
Benzene	58	15	30.8		t-1,3-Dichloropropene	ND	31	30.8	
Benzyl Chloride	ND	31	30.8		Ethylbenzene	ND	15	30.8	
Bromodichloromethane	ND	15	30.8		4-Ethyltoluene	ND	15	30.8	
Bromoform	ND	15	30.8		Hexachloro-1,3-Butadiene	ND	31	30.8	
Bromomethane	ND	15	30.8		2-Hexanone	ND	31	30.8	
2-Butanone	ND	31	30.8		Methyl-t-Butyl Ether (MTBE)	ND	62	30.8	
Carbon Disulfide	ND	15	30.8		Methylene Chloride	ND	62	30.8	
Carbon Tetrachloride	ND	15	30.8		4-Methyl-2-Pentanone	ND	31	30.8	
Chlorobenzene	ND	15	30.8		o-Xylene	ND	15	30.8	
Chloroethane	ND	15	30.8		p/m-Xylene	ND	31	30.8	
Chloroform	990	15	30.8		Styrene	ND	31	30.8	
Chloromethane	ND	15	30.8		Tetrachloroethene	19000	620	1230	
Dibromochloromethane	ND	15	30.8		Toluene	63	15	30.8	
Dichlorodifluoromethane	22	15	30.8		Trichloroethene	2800	150	308	
1,1-Dichloroethane	490	15	30.8		Trichlorofluoromethane	7300	310	308	
1,1-Dichloroethene	20000	620	1230		1,1,2-Trichloro-1,2,2-Trifluoroethane	32000	1200	1230	
1,2-Dibromoethane	ND	15	30.8		1,1,1-Trichloroethane	2800	150	308	
Dichlorotetrafluoroethane	ND	62	30.8		1,1,2-Trichloroethane	ND	15	30.8	
1,2-Dichlorobenzene	ND	15	30.8		1,1,1,2-Tetrachloroethane	ND	15	30.8	
1,2-Dichloroethane	270	15	30.8		1,3,5-Trimethylbenzene	ND	15	30.8	
1,2-Dichloropropane	ND	15	30.8		1,1,2,2-Tetrachloroethane	ND	31	30.8	
1,3-Dichlorobenzene	ND	15	30.8		1,2,4-Trimethylbenzene	ND	31	30.8	
1,4-Dichlorobenzene	ND	15	30.8		1,2,4-Trichlorobenzene	ND	31	30.8	
c-1,3-Dichloropropene	ND	15	30.8		Vinyl Acetate	ND	31	30.8	
c-1,2-Dichloroethene	44	15	30.8		Vinyl Chloride	ND	15	30.8	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP07-081505	**05-08-1042-16**	**08/15/05**	**Air**	**N/A**	**08/20/05**	**050820L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2700	300	296		t-1,2-Dichloroethene	620	150	296	
Benzene	ND	150	296		t-1,3-Dichloropropene	ND	300	296	
Benzyl Chloride	ND	300	296		Ethylbenzene	ND	150	296	
Bromodichloromethane	ND	150	296		4-Ethyltoluene	ND	150	296	
Bromoform	ND	150	296		Hexachloro-1,3-Butadiene	ND	300	296	
Bromomethane	ND	150	296		2-Hexanone	ND	300	296	
2-Butanone	ND	300	296		Methyl-t-Butyl Ether (MTBE)	ND	590	296	
Carbon Disulfide	2300	150	296		Methylene Chloride	ND	590	296	
Carbon Tetrachloride	ND	150	296		4-Methyl-2-Pentanone	ND	300	296	
Chlorobenzene	ND	150	296		o-Xylene	ND	150	296	
Chloroethane	ND	150	296		p/m-Xylene	ND	300	296	
Chloroform	1400	150	296		Styrene	ND	300	296	
Chloromethane	ND	150	296		Tetrachloroethene	140000	1500	2960	
Dibromochloromethane	ND	150	296		Toluene	ND	150	296	
Dichlorodifluoromethane	ND	150	296		Trichloroethene	8100	150	296	
1,1-Dichloroethane	890	150	296		Trichlorofluoromethane	14000	300	296	
1,1-Dichloroethene	51000	1500	2960		1,1,2-Trichloro-1,2,2-Trifluoroethane	82000	3000	2960	
1,2-Dibromoethane	ND	150	296		1,1,1-Trichloroethane	4800	150	296	
Dichlorotetrafluoroethane	ND	590	296		1,1,2-Trichloroethane	ND	150	296	
1,2-Dichlorobenzene	ND	150	296		1,1,1,2-Tetrachloroethane	ND	150	296	
1,2-Dichloroethane	290	150	296		1,3,5-Trimethylbenzene	ND	150	296	
1,2-Dichloropropane	ND	150	296		1,1,2,2-Tetrachloroethane	ND	300	296	
1,3-Dichlorobenzene	ND	150	296		1,2,4-Trimethylbenzene	ND	300	296	
1,4-Dichlorobenzene	ND	150	296		1,2,4-Trichlorobenzene	ND	300	296	
c-1,3-Dichloropropene	ND	150	296		Vinyl Acetate	ND	300	296	
c-1,2-Dichloroethene	ND	150	296		Vinyl Chloride	ND	150	296	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP07-081505	**05-08-1042-17**	**08/15/05**	**Air**	**N/A**	**08/20/05**	**050820L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	140	31	30.8		t-1,2-Dichloroethene	460	15	30.8	
Benzene	71	15	30.8		t-1,3-Dichloropropene	ND	31	30.8	
Benzyl Chloride	ND	31	30.8		Ethylbenzene	ND	15	30.8	
Bromodichloromethane	ND	15	30.8		4-Ethyltoluene	ND	15	30.8	
Bromoform	ND	15	30.8		Hexachloro-1,3-Butadiene	ND	31	30.8	
Bromomethane	ND	15	30.8		2-Hexanone	ND	31	30.8	
2-Butanone	ND	31	30.8		Methyl-t-Butyl Ether (MTBE)	ND	62	30.8	
Carbon Disulfide	ND	15	30.8		Methylene Chloride	ND	62	30.8	
Carbon Tetrachloride	ND	15	30.8		4-Methyl-2-Pentanone	ND	31	30.8	
Chlorobenzene	ND	15	30.8		o-Xylene	ND	15	30.8	
Chloroethane	ND	15	30.8		p/m-Xylene	ND	31	30.8	
Chloroform	920	15	30.8		Styrene	ND	31	30.8	
Chloromethane	ND	15	30.8		Tetrachloroethene	35000	620	1230	
Dibromochloromethane	ND	15	30.8		Toluene	19	15	30.8	
Dichlorodifluoromethane	32	15	30.8		Trichloroethene	3800	150	308	
1,1-Dichloroethane	610	15	30.8		Trichlorofluoromethane	8800	310	308	
1,1-Dichloroethene	17000	620	1230		1,1,2-Trichloro-1,2,2-Trifluoroethane	26000	1200	1230	
1,2-Dibromoethane	ND	15	30.8		1,1,1-Trichloroethane	2200	150	308	
Dichlorotetrafluoroethane	ND	62	30.8		1,1,2-Trichloroethane	ND	15	30.8	
1,2-Dichlorobenzene	ND	15	30.8		1,1,1,2-Tetrachloroethane	ND	15	30.8	
1,2-Dichloroethane	120	15	30.8		1,3,5-Trimethylbenzene	ND	15	30.8	
1,2-Dichloropropane	ND	15	30.8		1,1,2,2-Tetrachloroethane	ND	31	30.8	
1,3-Dichlorobenzene	ND	15	30.8		1,2,4-Trimethylbenzene	ND	31	30.8	
1,4-Dichlorobenzene	ND	15	30.8		1,2,4-Trichlorobenzene	ND	31	30.8	
c-1,3-Dichloropropene	ND	15	30.8		Vinyl Acetate	ND	31	30.8	
c-1,2-Dichloroethene	130	15	30.8		Vinyl Chloride	ND	15	30.8	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 18 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP07-081505	**05-08-1042-18**	**08/15/05**	**Air**	**N/A**	**08/20/05**	**050820L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	150	31	30.8		t-1,2-Dichloroethene	210	15	30.8	
Benzene	47	15	30.8		t-1,3-Dichloropropene	ND	31	30.8	
Benzyl Chloride	ND	31	30.8		Ethylbenzene	ND	15	30.8	
Bromodichloromethane	ND	15	30.8		4-Ethyltoluene	ND	15	30.8	
Bromoform	ND	15	30.8		Hexachloro-1,3-Butadiene	ND	31	30.8	
Bromomethane	ND	15	30.8		2-Hexanone	ND	31	30.8	
2-Butanone	ND	31	30.8		Methyl-t-Butyl Ether (MTBE)	ND	62	30.8	
Carbon Disulfide	ND	15	30.8		Methylene Chloride	ND	62	30.8	
Carbon Tetrachloride	ND	15	30.8		4-Methyl-2-Pentanone	ND	31	30.8	
Chlorobenzene	ND	15	30.8		o-Xylene	ND	15	30.8	
Chloroethane	ND	15	30.8		p/m-Xylene	ND	31	30.8	
Chloroform	460	15	30.8		Styrene	ND	31	30.8	
Chloromethane	ND	15	30.8		Tetrachloroethene	42000	890	1780	
Dibromochloromethane	ND	15	30.8		Toluene	32	15	30.8	
Dichlorodifluoromethane	ND	15	30.8		Trichloroethene	2600	220	446	
1,1-Dichloroethane	260	15	30.8		Trichlorofluoromethane	4100	450	446	
1,1-Dichloroethene	8300	220	446		1,1,2-Trichloro-1,2,2-Trifluoroethane	10000	450	446	
1,2-Dibromoethane	ND	15	30.8		1,1,1-Trichloroethane	1100	15	30.8	
Dichlorotetrafluoroethane	ND	62	30.8		1,1,2-Trichloroethane	ND	15	30.8	
1,2-Dichlorobenzene	ND	15	30.8		1,1,1,2-Tetrachloroethane	ND	15	30.8	
1,2-Dichloroethane	23	15	30.8		1,3,5-Trimethylbenzene	ND	15	30.8	
1,2-Dichloropropane	ND	15	30.8		1,1,2,2-Tetrachloroethane	ND	31	30.8	
1,3-Dichlorobenzene	ND	15	30.8		1,2,4-Trimethylbenzene	ND	31	30.8	
1,4-Dichlorobenzene	ND	15	30.8		1,2,4-Trichlorobenzene	ND	31	30.8	
c-1,3-Dichloropropene	ND	15	30.8		Vinyl Acetate	ND	31	30.8	
c-1,2-Dichloroethene	72	15	30.8		Vinyl Chloride	ND	15	30.8	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 19 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-TB01-081505	**05-08-1042-19**	**08/15/05**	**Air**	**N/A**	**08/20/05**	**050820L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	0.77	0.5	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP11-081505	**05-08-1042-20**	**08/15/05**	**Air**	**N/A**	**08/20/05**	**050820L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	120	47	46.8		t-1,2-Dichloroethene	950	23	46.8	
Benzene	ND	23	46.8		t-1,3-Dichloropropene	ND	47	46.8	
Benzyl Chloride	ND	47	46.8		Ethylbenzene	ND	23	46.8	
Bromodichloromethane	ND	23	46.8		4-Ethyltoluene	ND	23	46.8	
Bromoform	ND	23	46.8		Hexachloro-1,3-Butadiene	ND	47	46.8	
Bromomethane	ND	23	46.8		2-Hexanone	ND	47	46.8	
2-Butanone	ND	47	46.8		Methyl-t-Butyl Ether (MTBE)	ND	94	46.8	
Carbon Disulfide	ND	23	46.8		Methylene Chloride	ND	94	46.8	
Carbon Tetrachloride	ND	23	46.8		4-Methyl-2-Pentanone	ND	47	46.8	
Chlorobenzene	ND	23	46.8		o-Xylene	ND	23	46.8	
Chloroethane	ND	23	46.8		p/m-Xylene	ND	47	46.8	
Chloroform	150	23	46.8		Styrene	ND	47	46.8	
Chloromethane	ND	23	46.8		Tetrachloroethene	5200	230	468	
Dibromochloromethane	ND	23	46.8		Toluene	39	23	46.8	
Dichlorodifluoromethane	190	23	46.8		Trichloroethene	2300	23	46.8	
1,1-Dichloroethane	290	23	46.8		Trichlorofluoromethane	56000	1900	1870	
1,1-Dichloroethene	90000	940	1870		1,1,2-Trichloro-1,2,2-Trifluoroethane	100000	3700	3740	
1,2-Dibromoethane	ND	23	46.8		1,1,1-Trichloroethane	110	23	46.8	
Dichlorotetrafluoroethane	ND	94	46.8		1,1,2-Trichloroethane	ND	23	46.8	
1,2-Dichlorobenzene	ND	23	46.8		1,1,1,2-Tetrachloroethane	ND	23	46.8	
1,2-Dichloroethane	ND	23	46.8		1,3,5-Trimethylbenzene	ND	23	46.8	
1,2-Dichloropropane	ND	23	46.8		1,1,2,2-Tetrachloroethane	ND	47	46.8	
1,3-Dichlorobenzene	ND	23	46.8		1,2,4-Trimethylbenzene	ND	47	46.8	
1,4-Dichlorobenzene	ND	23	46.8		1,2,4-Trichlorobenzene	ND	47	46.8	
c-1,3-Dichloropropene	ND	23	46.8		Vinyl Acetate	ND	47	46.8	
c-1,2-Dichloroethene	68	23	46.8		Vinyl Chloride	ND	23	46.8	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,228**	**N/A**	**Air**	**N/A**	**08/17/05**	**050817L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,232**	**N/A**	**Air**	**N/A**	**08/18/05**	**050818L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/15/05
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,234**	**N/A**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 24 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,235**	**N/A**	**Air**	**N/A**	**08/20/05**	**050820L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,236**	**N/A**	**Air**	**N/A**	**08/21/05**	**050821L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/15/05
18581 Teller Avenue		Work Order No:	05-08-1042
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 26 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,239**	**N/A**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA TO-15 Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	RT	On Column Conc. ppbv	Estimated Conc. ppbv
05-08-1042	1	OC-SG-070-VP11-081505		Isobutane		Not found	
05-08-1042	2	OC-SG-060-VP11-081505		Isobutane		Not found	
05-08-1042	3	OC-SG-018-VP11-081505		Isobutane		Not found	
05-08-1042	4	OC-SG-012-VP11-081505		Isobutane		Not found	
05-08-1042	5	OC-SG-006-VP11-081505		Isobutane		Not found	
05-08-1042	6	OC-SG-050-VP11-081505		Isobutane		Not found	
05-08-1042	7	OC-SG-040-VP11-081505		Isobutane		Not found	
05-08-1042	8	OC-SG-040-VP10-081505		Isobutane		Not found	
05-08-1042	9	OC-SG-024-VP10-081505		Isobutane		Not found	
05-08-1042	10	OC-SG-018-VP10-081505		Isobutane		Not found	
05-08-1042	11	OC-SG-012-VP10-081505		Isobutane		Not found	
05-08-1042	12	OC-SG-006-VP10-081505		Isobutane		Not found	
05-08-1042	13	OC-SG-040-VP07-081505		Isobutane		Not found	
05-08-1042	14	OC-SG-040K-VP07-081505		Isobutane		Not found	
05-08-1042	15	OC-SG-024-VP07-081505		Isobutane		Not found	
05-08-1042	16	OC-SG-018-VP07-081505		Isobutane		Not found	
05-08-1042	17	OC-SG-012-VP07-081505		Isobutane		Not found	
05-08-1042	18	OC-SG-006-VP07-081505		Isobutane		Not found	
05-08-1042	19	OC-SG-TB01-081505		Isobutane		Not found	
05-08-1042	20	OC-SG-024-VP11-081505		Isobutane		Not found	

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,234	**Air**	**GC/MS II**	**N/A**	**08/19/05**	**050819L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	95	61-121	5	0-37	
Bromoform	101	95	62-134	6	0-38	
Carbon Tetrachloride	105	99	56-128	6	0-42	
1,2-Dibromoethane	92	88	63-123	5	0-38	
1,2-Dichlorobenzene	85	80	41-149	6	0-62	
1,2-Dichloroethane	103	99	63-123	4	0-37	
1,2-Dichloropropane	98	94	61-121	3	0-37	
1,4-Dichlorobenzene	83	79	51-147	5	0-49	
c-1,3-Dichloropropene	101	97	62-128	4	0-37	
Ethylbenzene	93	87	61-127	7	0-38	
o-Xylene	91	85	58-130	7	0-38	
p/m-Xylene	92	86	57-129	7	0-39	
Tetrachloroethene	94	89	59-119	6	0-40	
Toluene	93	87	60-120	6	0-39	
Trichloroethene	101	96	65-119	5	0-38	
1,1,2-Trichloroethane	101	96	64-124	4	0-37	
Vinyl Chloride	99	98	58-124	1	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,235	**Air**	**GC/MS II**	**N/A**	**08/20/05**	**050820L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	100	61-121	3	0-37	
Bromoform	98	100	62-134	2	0-38	
Carbon Tetrachloride	92	93	56-128	1	0-42	
1,2-Dibromoethane	93	96	63-123	3	0-38	
1,2-Dichlorobenzene	87	85	41-149	3	0-62	
1,2-Dichloroethane	96	94	63-123	2	0-37	
1,2-Dichloropropane	102	97	61-121	5	0-37	
1,4-Dichlorobenzene	86	85	51-147	1	0-49	
c-1,3-Dichloropropene	102	98	62-128	4	0-37	
Ethylbenzene	93	94	61-127	1	0-38	
o-Xylene	90	91	58-130	1	0-38	
p/m-Xylene	91	92	57-129	1	0-39	
Tetrachloroethene	95	100	59-119	5	0-40	
Toluene	95	98	60-120	3	0-39	
Trichloroethene	99	99	65-119	0	0-38	
1,1,2-Trichloroethane	104	100	64-124	4	0-37	
Vinyl Chloride	105	108	58-124	2	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,236	**Air**	**GC/MS II**	**N/A**	**08/21/05**	**050821L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	105	61-121	2	0-37	
Bromoform	120	121	62-134	1	0-38	
Carbon Tetrachloride	103	101	56-128	3	0-42	
1,2-Dibromoethane	115	117	63-123	2	0-38	
1,2-Dichlorobenzene	102	101	41-149	1	0-62	
1,2-Dichloroethane	105	104	63-123	1	0-37	
1,2-Dichloropropane	103	102	61-121	1	0-37	
1,4-Dichlorobenzene	100	100	51-147	0	0-49	
c-1,3-Dichloropropene	105	104	62-128	1	0-37	
Ethylbenzene	114	115	61-127	2	0-38	
o-Xylene	112	113	58-130	1	0-38	
p/m-Xylene	114	115	57-129	1	0-39	
Tetrachloroethene	115	117	59-119	1	0-40	
Toluene	117	119	60-120	2	0-39	
Trichloroethene	105	103	65-119	2	0-38	
1,1,2-Trichloroethane	105	102	64-124	3	0-37	
Vinyl Chloride	109	107	58-124	2	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,228	**Air**	**GC/MS II**	**N/A**	**08/17/05**	**050817L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	105	61-121	2	0-37	
Bromoform	103	98	62-134	5	0-38	
Carbon Tetrachloride	99	97	56-128	2	0-42	
1,2-Dibromoethane	97	92	63-123	6	0-38	
1,2-Dichlorobenzene	94	89	41-149	6	0-62	
1,2-Dichloroethane	102	101	63-123	1	0-37	
1,2-Dichloropropane	107	104	61-121	3	0-37	
1,4-Dichlorobenzene	92	87	51-147	6	0-49	
c-1,3-Dichloropropene	108	105	62-128	3	0-37	
Ethylbenzene	97	92	61-127	5	0-38	
o-Xylene	94	89	58-130	5	0-38	
p/m-Xylene	94	90	57-129	5	0-39	
Tetrachloroethene	95	91	59-119	4	0-40	
Toluene	98	93	60-120	4	0-39	
Trichloroethene	104	102	65-119	2	0-38	
1,1,2-Trichloroethane	111	108	64-124	2	0-37	
Vinyl Chloride	107	108	58-124	1	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1042
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,239	**Air**	**GC/MS II**	**N/A**	**08/22/05**	**050822L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	103	61-121	1	0-37	
Bromoform	108	103	62-134	4	0-38	
Carbon Tetrachloride	107	105	56-128	2	0-42	
1,2-Dibromoethane	102	98	63-123	4	0-38	
1,2-Dichlorobenzene	88	83	41-149	6	0-62	
1,2-Dichloroethane	107	104	63-123	3	0-37	
1,2-Dichloropropane	100	99	61-121	1	0-37	
1,4-Dichlorobenzene	88	83	51-147	6	0-49	
c-1,3-Dichloropropene	103	102	62-128	0	0-37	
Ethylbenzene	100	96	61-127	4	0-38	
o-Xylene	99	95	58-130	5	0-38	
p/m-Xylene	101	96	57-129	4	0-39	
Tetrachloroethene	103	100	59-119	3	0-40	
Toluene	103	99	60-120	4	0-39	
Trichloroethene	104	103	65-119	1	0-38	
1,1,2-Trichloroethane	102	100	64-124	2	0-37	
Vinyl Chloride	107	108	58-124	1	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-08-1042

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/15/05

Page 1 of 2

LABORATORY CLIENT: CDM, Inc.
ADDRESS: 18581 Teller Avenue, Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ Normal ☐ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐
SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Andersen
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 08-1042
COOLER RECEIPT TEMP = ____ °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	ACETONE, FREON 11, 12	FREON 13, TICs		Field PID Readings
1	OC-SG-070-VP11-081505		8/15/05	0934	Air	1												X		X	X		0.7
2	OC-SG-060-VP11-081505		8/15/05	0944	Air	1												X		X	X		58.1
3	OC-SG-018-VP11-081505		8/15/05	1139	Air	1												X		X	X		35
4	OC-SG-~~018~~ 012-VP11-081505		8/15/05	1144	Air	1												X		X	X		38.2
5	OC-SG-006-VP11-081505		8/15/05	1155	Air	1												X		X	X		32.5
6	OC-SG-050-VP11-081505		8/15/05	1201	Air	1												X		X	X		52.3
7	OC-SG-040-VP11-081505		8/15/05	1210	Air	1												X		X	X		40.5
8	OC-SG-040-VP10-081505		8/15/05	1328	Air	1												X		X	X		6.2
9	OC-SG-024-VP10-081505		8/15/05	1344	Air	1												X		X	X		10.6
10	OC-SG-018-VP10-081505		8/15/05	1354	Air	1												X		X	X		40.1

Relinquished by: (Signature) Scott A. Andersen	Received by: (Signature)	Date: 8/15/5	Time: 1635
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature)	Date: 8/15/5	Time: 17:25

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

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CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/15/05

LABORATORY CLIENT: COM, Inc.
ADDRESS: 18581 Teller Ave., Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Anderson
COELT LOG CODE
P.O. NO.:
LAB USE ONLY 08-1042
COOLER RECEIPT TEMP = °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ Normal ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or _____	BTEX / MTBE (8260B) or _____	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747_____	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	TO-15 (Plus Acetone, Freon 11, Freon 12 and Freon 13, and TICs)			Field PID Readings
11	OC-SG-012-VP10-081505		8/15/05	1402	Air	1														✓			35.3
12	OC-SG-006-VP10-081505		8/15/05	1412	Air	1														✓			97.2
13	OC-SG-040-VP07-081505		8/15/05	1440	Air	1														✓			97.2
14	OC-SG-040K-VP07-081505		8/15/05	1446	Air	1														✓			~~89~~ 97.2
15	OC-SG-024-VP07-081505		8/15/05	1445	Air	1														✓			21.7
16	OC-SG-018-VP07-081505		8/15/05	1453	Air	1														✓			82.3
17	OC-SG-012-VP07-081505		8/15/05	1500	Air	1														✓			34.4
18	OC-SG-006-VP07-081505		8/15/05	1507	Air	1														✓			13.2
19	OC-SG-TB01-081505		8/15/05		Air	1														✓			1
20	OC-SG-024-VP11-081505		8/15/05	1214	Air	1														✓			15.4

Relinquished by: (Signature) Scott A. Anderson	Received by: (Signature) CEL	Date: 8/15/5	Time: 1635
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature) CEL	Date: 8/15/5	Time: 1725

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 08 - 1042

Cooler 0 **of** 0

SAMPLE RECEIPT FORM

CLIENT: CDM, IHC **DATE:** 08/15/05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
✓ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: TM

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: TM

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: TM

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

August 24, 2005

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 05-08-1104**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/16/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 1 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP06-081605	**05-08-1104-1**	**08/16/05**	**Air**	**N/A**	**08/18/05**	**050818L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	740	160	156		t-1,2-Dichloroethene	380	78	156	
Benzene	90	78	156		t-1,3-Dichloropropene	ND	160	156	
Benzyl Chloride	ND	160	156		Ethylbenzene	ND	78	156	
Bromodichloromethane	ND	78	156		4-Ethyltoluene	ND	78	156	
Bromoform	ND	78	156		Hexachloro-1,3-Butadiene	ND	160	156	
Bromomethane	ND	78	156		2-Hexanone	ND	160	156	
2-Butanone	ND	160	156		Methyl-t-Butyl Ether (MTBE)	ND	310	156	
Carbon Disulfide	430	78	156		Methylene Chloride	ND	310	156	
Carbon Tetrachloride	ND	78	156		4-Methyl-2-Pentanone	ND	160	156	
Chlorobenzene	ND	78	156		o-Xylene	ND	78	156	
Chloroethane	ND	78	156		p/m-Xylene	ND	160	156	
Chloroform	760	78	156		Styrene	ND	160	156	
Chloromethane	ND	78	156		Tetrachloroethene	65000	780	1560	
Dibromochloromethane	ND	78	156		Toluene	ND	78	156	
Dichlorodifluoromethane	ND	78	156		Trichloroethene	7100	78	156	
1,1-Dichloroethane	3100	78	156		Trichlorofluoromethane	8800	1600	1560	
1,1-Dichloroethene	21000	780	1560		1,1,2-Trichloro-1,2,2-Trifluoroethane	31000	1600	1560	
1,2-Dibromoethane	ND	78	156		1,1,1-Trichloroethane	32000	780	1560	
Dichlorotetrafluoroethane	ND	310	156		1,1,2-Trichloroethane	ND	78	156	
1,2-Dichlorobenzene	ND	78	156		1,1,1,2-Tetrachloroethane	ND	78	156	
1,2-Dichloroethane	410	78	156		1,3,5-Trimethylbenzene	ND	78	156	
1,2-Dichloropropane	ND	78	156		1,1,2,2-Tetrachloroethane	ND	160	156	
1,3-Dichlorobenzene	ND	78	156		1,2,4-Trimethylbenzene	ND	160	156	
1,4-Dichlorobenzene	ND	78	156		1,2,4-Trichlorobenzene	ND	160	156	
c-1,3-Dichloropropene	ND	78	156		Vinyl Acetate	ND	160	156	
c-1,2-Dichloroethene	ND	78	156		Vinyl Chloride	ND	78	156	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP06-081605	**05-08-1104-2**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2300	150	148		t-1,2-Dichloroethene	270	74	148	
Benzene	77	74	148		t-1,3-Dichloropropene	ND	150	148	
Benzyl Chloride	ND	150	148		Ethylbenzene	ND	74	148	
Bromodichloromethane	ND	74	148		4-Ethyltoluene	ND	74	148	
Bromoform	ND	74	148		Hexachloro-1,3-Butadiene	ND	150	148	
Bromomethane	ND	74	148		2-Hexanone	ND	150	148	
2-Butanone	ND	150	148		Methyl-t-Butyl Ether (MTBE)	ND	300	148	
Carbon Disulfide	2200	74	148		Methylene Chloride	560	300	148	
Carbon Tetrachloride	ND	74	148		4-Methyl-2-Pentanone	ND	150	148	
Chlorobenzene	ND	74	148		o-Xylene	ND	74	148	
Chloroethane	ND	74	148		p/m-Xylene	ND	150	148	
Chloroform	660	74	148		Styrene	ND	150	148	
Chloromethane	ND	74	148		Tetrachloroethene	31000	1500	2950	
Dibromochloromethane	ND	74	148		Toluene	83	74	148	
Dichlorodifluoromethane	ND	74	148		Trichloroethene	4600	74	148	
1,1-Dichloroethane	2300	74	148		Trichlorofluoromethane	7700	3000	2950	
1,1-Dichloroethene	18000	1500	2950		1,1,2-Trichloro-1,2,2-Trifluoroethane	33000	3000	2950	
1,2-Dibromoethane	ND	74	148		1,1,1-Trichloroethane	23000	1500	2950	
Dichlorotetrafluoroethane	ND	300	148		1,1,2-Trichloroethane	ND	74	148	
1,2-Dichlorobenzene	ND	74	148		1,1,1,2-Tetrachloroethane	ND	74	148	
1,2-Dichloroethane	900	74	148		1,3,5-Trimethylbenzene	ND	74	148	
1,2-Dichloropropane	ND	74	148		1,1,2,2-Tetrachloroethane	ND	150	148	
1,3-Dichlorobenzene	ND	74	148		1,2,4-Trimethylbenzene	ND	150	148	
1,4-Dichlorobenzene	ND	74	148		1,2,4-Trichlorobenzene	ND	150	148	
c-1,3-Dichloropropene	ND	74	148		Vinyl Acetate	ND	150	148	
c-1,2-Dichloroethene	ND	74	148		Vinyl Chloride	ND	74	148	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP06-081605	**05-08-1104-3**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050818L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1300	200	196		t-1,2-Dichloroethene	400	98	196	
Benzene	250	98	196		t-1,3-Dichloropropene	ND	200	196	
Benzyl Chloride	ND	200	196		Ethylbenzene	ND	98	196	
Bromodichloromethane	ND	98	196		4-Ethyltoluene	ND	98	196	
Bromoform	ND	98	196		Hexachloro-1,3-Butadiene	ND	200	196	
Bromomethane	ND	98	196		2-Hexanone	ND	200	196	
2-Butanone	ND	200	196		Methyl-t-Butyl Ether (MTBE)	ND	390	196	
Carbon Disulfide	800	98	196		Methylene Chloride	ND	390	196	
Carbon Tetrachloride	ND	98	196		4-Methyl-2-Pentanone	ND	200	196	
Chlorobenzene	ND	98	196		o-Xylene	ND	98	196	
Chloroethane	ND	98	196		p/m-Xylene	ND	200	196	
Chloroform	1100	98	196		Styrene	ND	200	196	
Chloromethane	ND	98	196		Tetrachloroethene	49000	980	1960	
Dibromochloromethane	ND	98	196		Toluene	ND	98	196	
Dichlorodifluoromethane	ND	98	196		Trichloroethene	8200	98	196	
1,1-Dichloroethane	3700	98	196		Trichlorofluoromethane	8500	200	196	
1,1-Dichloroethene	19000	980	1960		1,1,2-Trichloro-1,2,2-Trifluoroethane	32000	2000	1960	
1,2-Dibromoethane	ND	98	196		1,1,1-Trichloroethane	36000	980	1960	
Dichlorotetrafluoroethane	ND	390	196		1,1,2-Trichloroethane	ND	98	196	
1,2-Dichlorobenzene	ND	98	196		1,1,1,2-Tetrachloroethane	ND	98	196	
1,2-Dichloroethane	1400	98	196		1,3,5-Trimethylbenzene	ND	98	196	
1,2-Dichloropropane	ND	98	196		1,1,2,2-Tetrachloroethane	ND	200	196	
1,3-Dichlorobenzene	ND	98	196		1,2,4-Trimethylbenzene	ND	200	196	
1,4-Dichlorobenzene	ND	98	196		1,2,4-Trichlorobenzene	ND	200	196	
c-1,3-Dichloropropene	ND	98	196		Vinyl Acetate	ND	200	196	
c-1,2-Dichloroethene	ND	98	196		Vinyl Chloride	ND	98	196	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP06-081605	**05-08-1104-4**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	770	82	82		t-1,2-Dichloroethene	170	41	82	
Benzene	80	41	82		t-1,3-Dichloropropene	ND	82	82	
Benzyl Chloride	ND	82	82		Ethylbenzene	ND	41	82	
Bromodichloromethane	ND	41	82		4-Ethyltoluene	ND	41	82	
Bromoform	ND	41	82		Hexachloro-1,3-Butadiene	ND	82	82	
Bromomethane	ND	41	82		2-Hexanone	ND	82	82	
2-Butanone	ND	82	82		Methyl-t-Butyl Ether (MTBE)	ND	160	82	
Carbon Disulfide	490	41	82		Methylene Chloride	270	160	82	
Carbon Tetrachloride	ND	41	82		4-Methyl-2-Pentanone	ND	82	82	
Chlorobenzene	ND	41	82		o-Xylene	ND	41	82	
Chloroethane	ND	41	82		p/m-Xylene	ND	82	82	
Chloroform	780	41	82		Styrene	ND	82	82	
Chloromethane	ND	41	82		Tetrachloroethene	44000	820	1640	
Dibromochloromethane	ND	41	82		Toluene	ND	41	82	
Dichlorodifluoromethane	ND	41	82		Trichloroethene	2800	820	1640	
1,1-Dichloroethane	1900	41	82		Trichlorofluoromethane	4600	1600	1640	
1,1-Dichloroethene	12000	820	1640		1,1,2-Trichloro-1,2,2-Trifluoroethane	17000	1600	1640	
1,2-Dibromoethane	ND	41	82		1,1,1-Trichloroethane	14000	820	1640	
Dichlorotetrafluoroethane	ND	160	82		1,1,2-Trichloroethane	60	41	82	
1,2-Dichlorobenzene	ND	41	82		1,1,1,2-Tetrachloroethane	ND	41	82	
1,2-Dichloroethane	2500	41	82		1,3,5-Trimethylbenzene	ND	41	82	
1,2-Dichloropropane	ND	41	82		1,1,2,2-Tetrachloroethane	ND	82	82	
1,3-Dichlorobenzene	ND	41	82		1,2,4-Trimethylbenzene	ND	82	82	
1,4-Dichlorobenzene	ND	41	82		1,2,4-Trichlorobenzene	ND	82	82	
c-1,3-Dichloropropene	ND	41	82		Vinyl Acetate	ND	82	82	
c-1,2-Dichloroethene	ND	41	82		Vinyl Chloride	ND	41	82	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP06-081605	**05-08-1104-5**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1100	84	84		t-1,2-Dichloroethene	140	42	84	
Benzene	49	42	84		t-1,3-Dichloropropene	ND	84	84	
Benzyl Chloride	ND	84	84		Ethylbenzene	ND	42	84	
Bromodichloromethane	ND	42	84		4-Ethyltoluene	ND	42	84	
Bromoform	ND	42	84		Hexachloro-1,3-Butadiene	ND	84	84	
Bromomethane	ND	42	84		2-Hexanone	ND	84	84	
2-Butanone	ND	84	84		Methyl-t-Butyl Ether (MTBE)	ND	170	84	
Carbon Disulfide	660	42	84		Methylene Chloride	340	170	84	
Carbon Tetrachloride	ND	42	84		4-Methyl-2-Pentanone	ND	84	84	
Chlorobenzene	ND	42	84		o-Xylene	ND	42	84	
Chloroethane	ND	42	84		p/m-Xylene	ND	84	84	
Chloroform	650	42	84		Styrene	ND	84	84	
Chloromethane	ND	42	84		Tetrachloroethene	18000	840	1680	
Dibromochloromethane	ND	42	84		Toluene	58	42	84	
Dichlorodifluoromethane	ND	42	84		Trichloroethene	2200	42	84	
1,1-Dichloroethane	1300	42	84		Trichlorofluoromethane	7700	1700	1680	
1,1-Dichloroethene	25000	840	1680		1,1,2-Trichloro-1,2,2-Trifluoroethane	33000	1700	1680	
1,2-Dibromoethane	ND	42	84		1,1,1-Trichloroethane	13000	840	1680	
Dichlorotetrafluoroethane	ND	170	84		1,1,2-Trichloroethane	ND	42	84	
1,2-Dichlorobenzene	ND	42	84		1,1,1,2-Tetrachloroethane	ND	42	84	
1,2-Dichloroethane	2300	42	84		1,3,5-Trimethylbenzene	ND	42	84	
1,2-Dichloropropane	ND	42	84		1,1,2,2-Tetrachloroethane	ND	84	84	
1,3-Dichlorobenzene	ND	42	84		1,2,4-Trimethylbenzene	ND	84	84	
1,4-Dichlorobenzene	ND	42	84		1,2,4-Trichlorobenzene	ND	84	84	
c-1,3-Dichloropropene	ND	42	84		Vinyl Acetate	ND	84	84	
c-1,2-Dichloroethene	ND	42	84		Vinyl Chloride	ND	42	84	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 6 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050-VP06-081605	**05-08-1104-6**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2700	200	202		t-1,2-Dichloroethene	1300	100	202	
Benzene	300	100	202		t-1,3-Dichloropropene	ND	200	202	
Benzyl Chloride	ND	200	202		Ethylbenzene	ND	100	202	
Bromodichloromethane	ND	100	202		4-Ethyltoluene	ND	100	202	
Bromoform	ND	100	202		Hexachloro-1,3-Butadiene	ND	200	202	
Bromomethane	ND	100	202		2-Hexanone	ND	200	202	
2-Butanone	ND	200	202		Methyl-t-Butyl Ether (MTBE)	ND	400	202	
Carbon Disulfide	1600	100	202		Methylene Chloride	1700	400	202	
Carbon Tetrachloride	ND	100	202		4-Methyl-2-Pentanone	ND	200	202	
Chlorobenzene	ND	100	202		o-Xylene	ND	100	202	
Chloroethane	ND	100	202		p/m-Xylene	ND	200	202	
Chloroform	6100	100	202		Styrene	ND	200	202	
Chloromethane	ND	100	202		Tetrachloroethene	85000	2000	4050	
Dibromochloromethane	ND	100	202		Toluene	110	100	202	
Dichlorodifluoromethane	ND	100	202		Trichloroethene	7700	2000	4050	
1,1-Dichloroethane	4100	100	202		Trichlorofluoromethane	13000	4100	4050	
1,1-Dichloroethene	90000	2000	4050		1,1,2-Trichloro-1,2,2-Trifluoroethane	52000	4100	4050	
1,2-Dibromoethane	ND	100	202		1,1,1-Trichloroethane	10000	2000	4050	
Dichlorotetrafluoroethane	ND	400	202		1,1,2-Trichloroethane	ND	100	202	
1,2-Dichlorobenzene	ND	100	202		1,1,1,2-Tetrachloroethane	ND	100	202	
1,2-Dichloroethane	7200	100	202		1,3,5-Trimethylbenzene	ND	100	202	
1,2-Dichloropropane	ND	100	202		1,1,2,2-Tetrachloroethane	ND	200	202	
1,3-Dichlorobenzene	ND	100	202		1,2,4-Trimethylbenzene	ND	200	202	
1,4-Dichlorobenzene	ND	100	202		1,2,4-Trichlorobenzene	ND	200	202	
c-1,3-Dichloropropene	ND	100	202		Vinyl Acetate	ND	200	202	
c-1,2-Dichloroethene	ND	100	202		Vinyl Chloride	140	100	202	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 7 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060-VP06-081605	**05-08-1104-7**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1900	340	336		t-1,2-Dichloroethene	210	170	336	
Benzene	ND	170	336		t-1,3-Dichloropropene	ND	340	336	
Benzyl Chloride	ND	340	336		Ethylbenzene	ND	170	336	
Bromodichloromethane	ND	170	336		4-Ethyltoluene	ND	170	336	
Bromoform	ND	170	336		Hexachloro-1,3-Butadiene	ND	340	336	
Bromomethane	ND	170	336		2-Hexanone	ND	340	336	
2-Butanone	ND	340	336		Methyl-t-Butyl Ether (MTBE)	ND	670	336	
Carbon Disulfide	1700	170	336		Methylene Chloride	850	670	336	
Carbon Tetrachloride	ND	170	336		4-Methyl-2-Pentanone	ND	340	336	
Chlorobenzene	ND	170	336		o-Xylene	ND	170	336	
Chloroethane	ND	170	336		p/m-Xylene	ND	340	336	
Chloroform	1200	170	336		Styrene	ND	340	336	
Chloromethane	ND	170	336		Tetrachloroethene	120000	3400	6720	
Dibromochloromethane	ND	170	336		Toluene	ND	170	336	
Dichlorodifluoromethane	ND	170	336		Trichloroethene	5600	170	336	
1,1-Dichloroethane	2200	170	336		Trichlorofluoromethane	4700	340	336	
1,1-Dichloroethene	21000	3400	6720		1,1,2-Trichloro-1,2,2-Trifluoroethane	30000	6700	6720	
1,2-Dibromoethane	ND	170	336		1,1,1-Trichloroethane	33000	3400	6720	
Dichlorotetrafluoroethane	ND	670	336		1,1,2-Trichloroethane	ND	170	336	
1,2-Dichlorobenzene	ND	170	336		1,1,1,2-Tetrachloroethane	ND	170	336	
1,2-Dichloroethane	2800	170	336		1,3,5-Trimethylbenzene	ND	170	336	
1,2-Dichloropropane	ND	170	336		1,1,2,2-Tetrachloroethane	ND	340	336	
1,3-Dichlorobenzene	ND	170	336		1,2,4-Trimethylbenzene	ND	340	336	
1,4-Dichlorobenzene	ND	170	336		1,2,4-Trichlorobenzene	ND	340	336	
c-1,3-Dichloropropene	ND	170	336		Vinyl Acetate	ND	340	336	
c-1,2-Dichloroethene	ND	170	336		Vinyl Chloride	ND	170	336	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 8 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060K-VP06-081605	**05-08-1104-8**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2300	400	403		t-1,2-Dichloroethene	260	200	403	
Benzene	ND	200	403		t-1,3-Dichloropropene	ND	400	403	
Benzyl Chloride	ND	400	403		Ethylbenzene	ND	200	403	
Bromodichloromethane	ND	200	403		4-Ethyltoluene	ND	200	403	
Bromoform	ND	200	403		Hexachloro-1,3-Butadiene	ND	400	403	
Bromomethane	ND	200	403		2-Hexanone	ND	400	403	
2-Butanone	ND	400	403		Methyl-t-Butyl Ether (MTBE)	ND	810	403	
Carbon Disulfide	1800	200	403		Methylene Chloride	1000	810	403	
Carbon Tetrachloride	ND	200	403		4-Methyl-2-Pentanone	ND	400	403	
Chlorobenzene	ND	200	403		o-Xylene	ND	200	403	
Chloroethane	ND	200	403		p/m-Xylene	ND	400	403	
Chloroform	1700	200	403		Styrene	ND	400	403	
Chloromethane	ND	200	403		Tetrachloroethene	120000	4000	8050	
Dibromochloromethane	ND	200	403		Toluene	ND	200	403	
Dichlorodifluoromethane	ND	200	403		Trichloroethene	6600	200	403	
1,1-Dichloroethane	2900	200	403		Trichlorofluoromethane	5900	400	403	
1,1-Dichloroethene	27000	4000	8050		1,1,2-Trichloro-1,2,2-Trifluoroethane	38000	8100	8050	
1,2-Dibromoethane	ND	200	403		1,1,1-Trichloroethane	45000	4000	8050	
Dichlorotetrafluoroethane	ND	810	403		1,1,2-Trichloroethane	ND	200	403	
1,2-Dichlorobenzene	ND	200	403		1,1,1,2-Tetrachloroethane	ND	200	403	
1,2-Dichloroethane	3900	200	403		1,3,5-Trimethylbenzene	ND	200	403	
1,2-Dichloropropane	ND	200	403		1,1,2,2-Tetrachloroethane	ND	400	403	
1,3-Dichlorobenzene	ND	200	403		1,2,4-Trimethylbenzene	ND	400	403	
1,4-Dichlorobenzene	ND	200	403		1,2,4-Trichlorobenzene	ND	400	403	
c-1,3-Dichloropropene	ND	200	403		Vinyl Acetate	ND	400	403	
c-1,2-Dichloroethene	ND	200	403		Vinyl Chloride	ND	200	403	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070-VP06-081605	**05-08-1104-9**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	9100	1500	1460		t-1,2-Dichloroethene	5700	730	1460	
Benzene	1600	730	1460		t-1,3-Dichloropropene	ND	1500	1460	
Benzyl Chloride	ND	1500	1460		Ethylbenzene	ND	730	1460	
Bromodichloromethane	ND	730	1460		4-Ethyltoluene	ND	730	1460	
Bromoform	ND	730	1460		Hexachloro-1,3-Butadiene	ND	1500	1460	
Bromomethane	ND	730	1460		2-Hexanone	ND	1500	1460	
2-Butanone	ND	1500	1460		Methyl-t-Butyl Ether (MTBE)	ND	2900	1460	
Carbon Disulfide	6900	730	1460		Methylene Chloride	7100	2900	1460	
Carbon Tetrachloride	ND	730	1460		4-Methyl-2-Pentanone	ND	1500	1460	
Chlorobenzene	ND	730	1460		o-Xylene	ND	730	1460	
Chloroethane	ND	730	1460		p/m-Xylene	ND	1500	1460	
Chloroform	26000	730	1460		Styrene	ND	1500	1460	
Chloromethane	ND	730	1460		Tetrachloroethene	500000	15000	29200	
Dibromochloromethane	ND	730	1460		Toluene	ND	730	1460	
Dichlorodifluoromethane	ND	730	1460		Trichloroethene	53000	730	1460	
1,1-Dichloroethane	13000	730	1460		Trichlorofluoromethane	19000	1500	1460	
1,1-Dichloroethene	170000	15000	29200		1,1,2-Trichloro-1,2,2-Trifluoroethane	85000	29000	29200	
1,2-Dibromoethane	ND	730	1460		1,1,1-Trichloroethane	32000	730	1460	
Dichlorotetrafluoroethane	ND	2900	1460		1,1,2-Trichloroethane	ND	730	1460	
1,2-Dichlorobenzene	ND	730	1460		1,1,1,2-Tetrachloroethane	ND	730	1460	
1,2-Dichloroethane	35000	730	1460		1,3,5-Trimethylbenzene	ND	730	1460	
1,2-Dichloropropane	ND	730	1460		1,1,2,2-Tetrachloroethane	ND	1500	1460	
1,3-Dichlorobenzene	ND	730	1460		1,2,4-Trimethylbenzene	ND	1500	1460	
1,4-Dichlorobenzene	ND	730	1460		1,2,4-Trichlorobenzene	ND	1500	1460	
c-1,3-Dichloropropene	ND	730	1460		Vinyl Acetate	ND	1500	1460	
c-1,2-Dichloroethene	ND	730	1460		Vinyl Chloride	ND	730	1460	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 10 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-TB02-081605	**05-08-1104-10**	**08/16/05**	**Air**	**N/A**	**08/20/05**	**050820L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070U-VP09-081605	**05-08-1104-11**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	3000	400	395		t-1,2-Dichloroethene	850	200	395	
Benzene	ND	200	395		t-1,3-Dichloropropene	ND	400	395	
Benzyl Chloride	ND	400	395		Ethylbenzene	ND	200	395	
Bromodichloromethane	ND	200	395		4-Ethyltoluene	ND	200	395	
Bromoform	ND	200	395		Hexachloro-1,3-Butadiene	ND	400	395	
Bromomethane	ND	200	395		2-Hexanone	ND	400	395	
2-Butanone	ND	400	395		Methyl-t-Butyl Ether (MTBE)	ND	790	395	
Carbon Disulfide	2300	200	395		Methylene Chloride	ND	790	395	
Carbon Tetrachloride	ND	200	395		4-Methyl-2-Pentanone	ND	400	395	
Chlorobenzene	ND	200	395		o-Xylene	ND	200	395	
Chloroethane	ND	200	395		p/m-Xylene	ND	400	395	
Chloroform	5100	200	395		Styrene	ND	400	395	
Chloromethane	ND	200	395		Tetrachloroethene	23000	4000	7900	
Dibromochloromethane	ND	200	395		Toluene	ND	200	395	
Dichlorodifluoromethane	ND	200	395		Trichloroethene	2600	200	395	
1,1-Dichloroethane	4300	200	395		Trichlorofluoromethane	16000	400	395	
1,1-Dichloroethene	140000	4000	7900		1,1,2-Trichloro-1,2,2-Trifluoroethane	89000	7900	7900	
1,2-Dibromoethane	ND	200	395		1,1,1-Trichloroethane	17000	200	395	
Dichlorotetrafluoroethane	ND	790	395		1,1,2-Trichloroethane	ND	200	395	
1,2-Dichlorobenzene	ND	200	395		1,1,1,2-Tetrachloroethane	ND	200	395	
1,2-Dichloroethane	ND	200	395		1,3,5-Trimethylbenzene	ND	200	395	
1,2-Dichloropropane	ND	200	395		1,1,2,2-Tetrachloroethane	ND	400	395	
1,3-Dichlorobenzene	ND	200	395		1,2,4-Trimethylbenzene	ND	400	395	
1,4-Dichlorobenzene	ND	200	395		1,2,4-Trichlorobenzene	ND	400	395	
c-1,3-Dichloropropene	ND	200	395		Vinyl Acetate	ND	400	395	
c-1,2-Dichloroethene	710	200	395		Vinyl Chloride	ND	200	395	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP09-081605	**05-08-1104-12**	**08/16/05**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	640	55	55		t-1,2-Dichloroethene	ND	28	55	
Benzene	ND	28	55		t-1,3-Dichloropropene	ND	55	55	
Benzyl Chloride	ND	55	55		Ethylbenzene	ND	28	55	
Bromodichloromethane	ND	28	55		4-Ethyltoluene	ND	28	55	
Bromoform	ND	28	55		Hexachloro-1,3-Butadiene	ND	55	55	
Bromomethane	ND	28	55		2-Hexanone	ND	55	55	
2-Butanone	ND	55	55		Methyl-t-Butyl Ether (MTBE)	ND	110	55	
Carbon Disulfide	280	28	55		Methylene Chloride	ND	110	55	
Carbon Tetrachloride	ND	28	55		4-Methyl-2-Pentanone	ND	55	55	
Chlorobenzene	ND	28	55		o-Xylene	ND	28	55	
Chloroethane	ND	28	55		p/m-Xylene	ND	55	55	
Chloroform	120	28	55		Styrene	ND	55	55	
Chloromethane	ND	28	55		Tetrachloroethene	6800	550	1100	
Dibromochloromethane	ND	28	55		Toluene	32	28	55	
Dichlorodifluoromethane	ND	28	55		Trichloroethene	570	28	55	
1,1-Dichloroethane	88	28	55		Trichlorofluoromethane	4400	1100	1100	
1,1-Dichloroethene	2600	28	55		1,1,2-Trichloro-1,2,2-Trifluoroethane	29000	1100	1100	
1,2-Dibromoethane	ND	28	55		1,1,1-Trichloroethane	290	28	55	
Dichlorotetrafluoroethane	ND	110	55		1,1,2-Trichloroethane	ND	28	55	
1,2-Dichlorobenzene	ND	28	55		1,1,1,2-Tetrachloroethane	ND	28	55	
1,2-Dichloroethane	ND	28	55		1,3,5-Trimethylbenzene	ND	28	55	
1,2-Dichloropropane	ND	28	55		1,1,2,2-Tetrachloroethane	ND	55	55	
1,3-Dichlorobenzene	ND	28	55		1,2,4-Trimethylbenzene	ND	55	55	
1,4-Dichlorobenzene	ND	28	55		1,2,4-Trichlorobenzene	ND	55	55	
c-1,3-Dichloropropene	ND	28	55		Vinyl Acetate	ND	55	55	
c-1,2-Dichloroethene	200	28	55		Vinyl Chloride	ND	28	55	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP09-081605	**05-08-1104-13**	**08/16/05**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1400	89	88.5		t-1,2-Dichloroethene	ND	44	88.5	
Benzene	ND	44	88.5		t-1,3-Dichloropropene	ND	89	88.5	
Benzyl Chloride	ND	89	88.5		Ethylbenzene	ND	44	88.5	
Bromodichloromethane	ND	44	88.5		4-Ethyltoluene	ND	44	88.5	
Bromoform	ND	44	88.5		Hexachloro-1,3-Butadiene	ND	89	88.5	
Bromomethane	ND	44	88.5		2-Hexanone	ND	89	88.5	
2-Butanone	ND	89	88.5		Methyl-t-Butyl Ether (MTBE)	ND	180	88.5	
Carbon Disulfide	530	44	88.5		Methylene Chloride	180	180	88.5	
Carbon Tetrachloride	ND	44	88.5		4-Methyl-2-Pentanone	ND	89	88.5	
Chlorobenzene	ND	44	88.5		o-Xylene	ND	44	88.5	
Chloroethane	ND	44	88.5		p/m-Xylene	ND	89	88.5	
Chloroform	170	44	88.5		Styrene	ND	89	88.5	
Chloromethane	ND	44	88.5		Tetrachloroethene	11000	440	885	
Dibromochloromethane	ND	44	88.5		Toluene	49	44	88.5	
Dichlorodifluoromethane	ND	44	88.5		Trichloroethene	820	44	88.5	
1,1-Dichloroethane	190	44	88.5		Trichlorofluoromethane	7000	890	885	
1,1-Dichloroethene	5200	440	885		1,1,2-Trichloro-1,2,2-Trifluoroethane	44000	890	885	
1,2-Dibromoethane	ND	44	88.5		1,1,1-Trichloroethane	460	44	88.5	
Dichlorotetrafluoroethane	ND	180	88.5		1,1,2-Trichloroethane	ND	44	88.5	
1,2-Dichlorobenzene	ND	44	88.5		1,1,1,2-Tetrachloroethane	ND	44	88.5	
1,2-Dichloroethane	ND	44	88.5		1,3,5-Trimethylbenzene	ND	44	88.5	
1,2-Dichloropropane	ND	44	88.5		1,1,2,2-Tetrachloroethane	ND	89	88.5	
1,3-Dichlorobenzene	ND	44	88.5		1,2,4-Trimethylbenzene	ND	89	88.5	
1,4-Dichlorobenzene	ND	44	88.5		1,2,4-Trichlorobenzene	ND	89	88.5	
c-1,3-Dichloropropene	ND	44	88.5		Vinyl Acetate	ND	89	88.5	
c-1,2-Dichloroethene	400	44	88.5		Vinyl Chloride	ND	44	88.5	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP09-081605	**05-08-1104-14**	**08/16/05**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1200	77	77		t-1,2-Dichloroethene	49	39	77	
Benzene	ND	39	77		t-1,3-Dichloropropene	ND	77	77	
Benzyl Chloride	ND	77	77		Ethylbenzene	ND	39	77	
Bromodichloromethane	ND	39	77		4-Ethyltoluene	ND	39	77	
Bromoform	ND	39	77		Hexachloro-1,3-Butadiene	ND	77	77	
Bromomethane	ND	39	77		2-Hexanone	ND	77	77	
2-Butanone	ND	77	77		Methyl-t-Butyl Ether (MTBE)	ND	150	77	
Carbon Disulfide	450	39	77		Methylene Chloride	160	150	77	
Carbon Tetrachloride	ND	39	77		4-Methyl-2-Pentanone	ND	77	77	
Chlorobenzene	ND	39	77		o-Xylene	ND	39	77	
Chloroethane	ND	39	77		p/m-Xylene	ND	77	77	
Chloroform	200	39	77		Styrene	ND	77	77	
Chloromethane	ND	39	77		Tetrachloroethene	12000	390	770	
Dibromochloromethane	ND	39	77		Toluene	40	39	77	
Dichlorodifluoromethane	ND	39	77		Trichloroethene	860	39	77	
1,1-Dichloroethane	310	39	77		Trichlorofluoromethane	8500	770	770	
1,1-Dichloroethene	8100	390	770		1,1,2-Trichloro-1,2,2-Trifluoroethane	44000	1500	1540	
1,2-Dibromoethane	ND	39	77		1,1,1-Trichloroethane	590	39	77	
Dichlorotetrafluoroethane	ND	150	77		1,1,2-Trichloroethane	ND	39	77	
1,2-Dichlorobenzene	ND	39	77		1,1,1,2-Tetrachloroethane	ND	39	77	
1,2-Dichloroethane	ND	39	77		1,3,5-Trimethylbenzene	ND	39	77	
1,2-Dichloropropane	ND	39	77		1,1,2,2-Tetrachloroethane	ND	77	77	
1,3-Dichlorobenzene	ND	39	77		1,2,4-Trimethylbenzene	ND	77	77	
1,4-Dichlorobenzene	ND	39	77		1,2,4-Trichlorobenzene	ND	77	77	
c-1,3-Dichloropropene	ND	39	77		Vinyl Acetate	ND	77	77	
c-1,2-Dichloroethene	550	39	77		Vinyl Chloride	ND	39	77	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP09-081605	**05-08-1104-15**	**08/16/05**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1600	96	96		t-1,2-Dichloroethene	74	48	96	
Benzene	ND	48	96		t-1,3-Dichloropropene	ND	96	96	
Benzyl Chloride	ND	96	96		Ethylbenzene	ND	48	96	
Bromodichloromethane	ND	48	96		4-Ethyltoluene	ND	48	96	
Bromoform	ND	48	96		Hexachloro-1,3-Butadiene	ND	96	96	
Bromomethane	ND	48	96		2-Hexanone	ND	96	96	
2-Butanone	ND	96	96		Methyl-t-Butyl Ether (MTBE)	ND	190	96	
Carbon Disulfide	580	48	96		Methylene Chloride	210	190	96	
Carbon Tetrachloride	ND	48	96		4-Methyl-2-Pentanone	ND	96	96	
Chlorobenzene	ND	48	96		o-Xylene	ND	48	96	
Chloroethane	ND	48	96		p/m-Xylene	ND	96	96	
Chloroform	300	48	96		Styrene	ND	96	96	
Chloromethane	ND	48	96		Tetrachloroethene	14000	480	960	
Dibromochloromethane	ND	48	96		Toluene	48	48	96	
Dichlorodifluoromethane	ND	48	96		Trichloroethene	910	48	96	
1,1-Dichloroethane	550	48	96		Trichlorofluoromethane	9500	960	960	
1,1-Dichloroethene	15000	480	960		1,1,2-Trichloro-1,2,2-Trifluoroethane	43000	960	960	
1,2-Dibromoethane	ND	48	96		1,1,1-Trichloroethane	890	48	96	
Dichlorotetrafluoroethane	ND	190	96		1,1,2-Trichloroethane	ND	48	96	
1,2-Dichlorobenzene	ND	48	96		1,1,1,2-Tetrachloroethane	ND	48	96	
1,2-Dichloroethane	ND	48	96		1,3,5-Trimethylbenzene	ND	48	96	
1,2-Dichloropropane	ND	48	96		1,1,2,2-Tetrachloroethane	ND	96	96	
1,3-Dichlorobenzene	ND	48	96		1,2,4-Trimethylbenzene	ND	96	96	
1,4-Dichlorobenzene	ND	48	96		1,2,4-Trichlorobenzene	ND	96	96	
c-1,3-Dichloropropene	ND	48	96		Vinyl Acetate	ND	96	96	
c-1,2-Dichloroethene	720	48	96		Vinyl Chloride	ND	48	96	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP09-081605	**05-08-1104-16**	**08/16/05**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2800	180	175		t-1,2-Dichloroethene	150	88	175	
Benzene	ND	88	175		t-1,3-Dichloropropene	ND	180	175	
Benzyl Chloride	ND	180	175		Ethylbenzene	ND	88	175	
Bromodichloromethane	ND	88	175		4-Ethyltoluene	ND	88	175	
Bromoform	ND	88	175		Hexachloro-1,3-Butadiene	ND	180	175	
Bromomethane	ND	88	175		2-Hexanone	ND	180	175	
2-Butanone	ND	180	175		Methyl-t-Butyl Ether (MTBE)	ND	350	175	
Carbon Disulfide	1300	88	175		Methylene Chloride	380	350	175	
Carbon Tetrachloride	ND	88	175		4-Methyl-2-Pentanone	ND	180	175	
Chlorobenzene	ND	88	175		o-Xylene	ND	88	175	
Chloroethane	ND	88	175		p/m-Xylene	ND	180	175	
Chloroform	290	88	175		Styrene	ND	180	175	
Chloromethane	ND	88	175		Tetrachloroethene	13000	880	1750	
Dibromochloromethane	ND	88	175		Toluene	110	88	175	
Dichlorodifluoromethane	ND	88	175		Trichloroethene	810	88	175	
1,1-Dichloroethane	500	88	175		Trichlorofluoromethane	12000	1800	1750	
1,1-Dichloroethene	39000	880	1750		1,1,2-Trichloro-1,2,2-Trifluoroethane	55000	1800	1750	
1,2-Dibromoethane	ND	88	175		1,1,1-Trichloroethane	3600	88	175	
Dichlorotetrafluoroethane	ND	350	175		1,1,2-Trichloroethane	ND	88	175	
1,2-Dichlorobenzene	ND	88	175		1,1,1,2-Tetrachloroethane	ND	88	175	
1,2-Dichloroethane	ND	88	175		1,3,5-Trimethylbenzene	ND	88	175	
1,2-Dichloropropane	ND	88	175		1,1,2,2-Tetrachloroethane	ND	180	175	
1,3-Dichlorobenzene	ND	88	175		1,2,4-Trimethylbenzene	ND	180	175	
1,4-Dichlorobenzene	ND	88	175		1,2,4-Trichlorobenzene	ND	180	175	
c-1,3-Dichloropropene	ND	88	175		Vinyl Acetate	ND	180	175	
c-1,2-Dichloroethene	210	88	175		Vinyl Chloride	ND	88	175	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050-VP09-081605	**05-08-1104-17**	**08/16/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	4100	310	308		t-1,2-Dichloroethene	310	150	308	
Benzene	ND	150	308		t-1,3-Dichloropropene	ND	310	308	
Benzyl Chloride	ND	310	308		Ethylbenzene	ND	150	308	
Bromodichloromethane	ND	150	308		4-Ethyltoluene	ND	150	308	
Bromoform	ND	150	308		Hexachloro-1,3-Butadiene	ND	310	308	
Bromomethane	ND	150	308		2-Hexanone	ND	310	308	
2-Butanone	ND	310	308		Methyl-t-Butyl Ether (MTBE)	ND	620	308	
Carbon Disulfide	2300	150	308		Methylene Chloride	640	620	308	
Carbon Tetrachloride	ND	150	308		4-Methyl-2-Pentanone	ND	310	308	
Chlorobenzene	ND	150	308		o-Xylene	ND	150	308	
Chloroethane	ND	150	308		p/m-Xylene	ND	310	308	
Chloroform	510	150	308		Styrene	ND	310	308	
Chloromethane	ND	150	308		Tetrachloroethene	49000	1500	3080	
Dibromochloromethane	ND	150	308		Toluene	ND	150	308	
Dichlorodifluoromethane	ND	150	308		Trichloroethene	2000	150	308	
1,1-Dichloroethane	820	150	308		Trichlorofluoromethane	11000	310	308	
1,1-Dichloroethene	58000	1500	3080		1,1,2-Trichloro-1,2,2-Trifluoroethane	72000	3100	3080	
1,2-Dibromoethane	ND	150	308		1,1,1-Trichloroethane	8500	150	308	
Dichlorotetrafluoroethane	ND	620	308		1,1,2-Trichloroethane	ND	150	308	
1,2-Dichlorobenzene	ND	150	308		1,1,1,2-Tetrachloroethane	ND	150	308	
1,2-Dichloroethane	ND	150	308		1,3,5-Trimethylbenzene	ND	150	308	
1,2-Dichloropropane	ND	150	308		1,1,2,2-Tetrachloroethane	ND	310	308	
1,3-Dichlorobenzene	ND	150	308		1,2,4-Trimethylbenzene	ND	310	308	
1,4-Dichlorobenzene	ND	150	308		1,2,4-Trichlorobenzene	ND	310	308	
c-1,3-Dichloropropene	ND	150	308		Vinyl Acetate	ND	310	308	
c-1,2-Dichloroethene	230	150	308		Vinyl Chloride	ND	150	308	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060-VP09-081605	**05-08-1104-18**	**08/16/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	4800	310	308		t-1,2-Dichloroethene	390	150	308	
Benzene	ND	150	308		t-1,3-Dichloropropene	ND	310	308	
Benzyl Chloride	ND	310	308		Ethylbenzene	ND	150	308	
Bromodichloromethane	ND	150	308		4-Ethyltoluene	ND	150	308	
Bromoform	ND	150	308		Hexachloro-1,3-Butadiene	ND	310	308	
Bromomethane	ND	150	308		2-Hexanone	ND	310	308	
2-Butanone	ND	310	308		Methyl-t-Butyl Ether (MTBE)	ND	620	308	
Carbon Disulfide	3600	150	308		Methylene Chloride	640	620	308	
Carbon Tetrachloride	ND	150	308		4-Methyl-2-Pentanone	ND	310	308	
Chlorobenzene	ND	150	308		o-Xylene	ND	150	308	
Chloroethane	ND	150	308		p/m-Xylene	ND	310	308	
Chloroform	2400	150	308		Styrene	ND	310	308	
Chloromethane	ND	150	308		Tetrachloroethene	32000	1500	3080	
Dibromochloromethane	ND	150	308		Toluene	160	150	308	
Dichlorodifluoromethane	ND	150	308		Trichloroethene	1700	150	308	
1,1-Dichloroethane	2300	150	308		Trichlorofluoromethane	14000	310	308	
1,1-Dichloroethene	95000	1500	3080		1,1,2-Trichloro-1,2,2-Trifluoroethane	70000	3100	3080	
1,2-Dibromoethane	ND	150	308		1,1,1-Trichloroethane	8000	150	308	
Dichlorotetrafluoroethane	ND	620	308		1,1,2-Trichloroethane	ND	150	308	
1,2-Dichlorobenzene	ND	150	308		1,1,1,2-Tetrachloroethane	ND	150	308	
1,2-Dichloroethane	ND	150	308		1,3,5-Trimethylbenzene	ND	150	308	
1,2-Dichloropropane	ND	150	308		1,1,2,2-Tetrachloroethane	ND	310	308	
1,3-Dichlorobenzene	ND	150	308		1,2,4-Trimethylbenzene	ND	310	308	
1,4-Dichlorobenzene	ND	150	308		1,2,4-Trichlorobenzene	ND	310	308	
c-1,3-Dichloropropene	ND	150	308		Vinyl Acetate	ND	310	308	
c-1,2-Dichloroethene	450	150	308		Vinyl Chloride	ND	150	308	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070-VP09-081605	**05-08-1104-19**	**08/16/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	6000	460	456		t-1,2-Dichloroethene	750	230	456	
Benzene	ND	230	456		t-1,3-Dichloropropene	ND	460	456	
Benzyl Chloride	ND	460	456		Ethylbenzene	ND	230	456	
Bromodichloromethane	ND	230	456		4-Ethyltoluene	ND	230	456	
Bromoform	ND	230	456		Hexachloro-1,3-Butadiene	ND	460	456	
Bromomethane	ND	230	456		2-Hexanone	ND	460	456	
2-Butanone	ND	460	456		Methyl-t-Butyl Ether (MTBE)	ND	910	456	
Carbon Disulfide	3600	230	456		Methylene Chloride	990	910	456	
Carbon Tetrachloride	ND	230	456		4-Methyl-2-Pentanone	ND	460	456	
Chlorobenzene	ND	230	456		o-Xylene	ND	230	456	
Chloroethane	ND	230	456		p/m-Xylene	ND	460	456	
Chloroform	4400	230	456		Styrene	ND	460	456	
Chloromethane	ND	230	456		Tetrachloroethene	60000	2300	4560	
Dibromochloromethane	ND	230	456		Toluene	ND	230	456	
Dichlorodifluoromethane	ND	230	456		Trichloroethene	3300	230	456	
1,1-Dichloroethane	3500	230	456		Trichlorofluoromethane	14000	460	456	
1,1-Dichloroethene	120000	2300	4560		1,1,2-Trichloro-1,2,2-Trifluoroethane	72000	4600	4560	
1,2-Dibromoethane	ND	230	456		1,1,1-Trichloroethane	13000	230	456	
Dichlorotetrafluoroethane	ND	910	456		1,1,2-Trichloroethane	ND	230	456	
1,2-Dichlorobenzene	ND	230	456		1,1,1,2-Tetrachloroethane	ND	230	456	
1,2-Dichloroethane	ND	230	456		1,3,5-Trimethylbenzene	ND	230	456	
1,2-Dichloropropane	ND	230	456		1,1,2,2-Tetrachloroethane	ND	460	456	
1,3-Dichlorobenzene	ND	230	456		1,2,4-Trimethylbenzene	ND	460	456	
1,4-Dichlorobenzene	ND	230	456		1,2,4-Trichlorobenzene	ND	460	456	
c-1,3-Dichloropropene	ND	230	456		Vinyl Acetate	ND	460	456	
c-1,2-Dichloroethene	630	230	456		Vinyl Chloride	ND	230	456	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 20 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024K-VP09-081605	**05-08-1104-20**	**08/16/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1100	120	118		t-1,2-Dichloroethene	78	59	118	
Benzene	ND	59	118		t-1,3-Dichloropropene	ND	120	118	
Benzyl Chloride	ND	120	118		Ethylbenzene	ND	59	118	
Bromodichloromethane	ND	59	118		4-Ethyltoluene	ND	59	118	
Bromoform	ND	59	118		Hexachloro-1,3-Butadiene	ND	120	118	
Bromomethane	ND	59	118		2-Hexanone	ND	120	118	
2-Butanone	ND	120	118		Methyl-t-Butyl Ether (MTBE)	ND	240	118	
Carbon Disulfide	540	59	118		Methylene Chloride	ND	240	118	
Carbon Tetrachloride	ND	59	118		4-Methyl-2-Pentanone	ND	120	118	
Chlorobenzene	ND	59	118		o-Xylene	ND	59	118	
Chloroethane	ND	59	118		p/m-Xylene	ND	120	118	
Chloroform	320	59	118		Styrene	ND	120	118	
Chloromethane	ND	59	118		Tetrachloroethene	17000	590	1180	
Dibromochloromethane	ND	59	118		Toluene	ND	59	118	
Dichlorodifluoromethane	ND	59	118		Trichloroethene	1100	59	118	
1,1-Dichloroethane	580	59	118		Trichlorofluoromethane	9700	1200	1180	
1,1-Dichloroethene	16000	590	1180		1,1,2-Trichloro-1,2,2-Trifluoroethane	44000	1200	1180	
1,2-Dibromoethane	ND	59	118		1,1,1-Trichloroethane	960	59	118	
Dichlorotetrafluoroethane	ND	240	118		1,1,2-Trichloroethane	ND	59	118	
1,2-Dichlorobenzene	ND	59	118		1,1,1,2-Tetrachloroethane	ND	59	118	
1,2-Dichloroethane	ND	59	118		1,3,5-Trimethylbenzene	ND	59	118	
1,2-Dichloropropane	ND	59	118		1,1,2,2-Tetrachloroethane	ND	120	118	
1,3-Dichlorobenzene	ND	59	118		1,2,4-Trimethylbenzene	ND	120	118	
1,4-Dichlorobenzene	ND	59	118		1,2,4-Trichlorobenzene	ND	120	118	
c-1,3-Dichloropropene	ND	59	118		Vinyl Acetate	ND	120	118	
c-1,2-Dichloroethene	790	59	118		Vinyl Chloride	ND	59	118	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050K-VP09-081605	**05-08-1104-21**	**08/16/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	3100	270	270		t-1,2-Dichloroethene	370	140	270	
Benzene	ND	140	270		t-1,3-Dichloropropene	ND	270	270	
Benzyl Chloride	ND	270	270		Ethylbenzene	ND	140	270	
Bromodichloromethane	ND	140	270		4-Ethyltoluene	ND	140	270	
Bromoform	ND	140	270		Hexachloro-1,3-Butadiene	ND	270	270	
Bromomethane	ND	140	270		2-Hexanone	ND	270	270	
2-Butanone	ND	270	270		Methyl-t-Butyl Ether (MTBE)	ND	540	270	
Carbon Disulfide	2300	140	270		Methylene Chloride	ND	540	270	
Carbon Tetrachloride	ND	140	270		4-Methyl-2-Pentanone	ND	270	270	
Chlorobenzene	ND	140	270		o-Xylene	ND	140	270	
Chloroethane	ND	140	270		p/m-Xylene	ND	270	270	
Chloroform	570	140	270		Styrene	ND	270	270	
Chloromethane	ND	140	270		Tetrachloroethene	35000	1400	2700	
Dibromochloromethane	ND	140	270		Toluene	ND	140	270	
Dichlorodifluoromethane	ND	140	270		Trichloroethene	2500	140	270	
1,1-Dichloroethane	960	140	270		Trichlorofluoromethane	13000	270	270	
1,1-Dichloroethene	63000	1400	2700		1,1,2-Trichloro-1,2,2-Trifluoroethane	77000	2700	2700	
1,2-Dibromoethane	ND	140	270		1,1,1-Trichloroethane	10000	140	270	
Dichlorotetrafluoroethane	ND	540	270		1,1,2-Trichloroethane	ND	140	270	
1,2-Dichlorobenzene	ND	140	270		1,1,1,2-Tetrachloroethane	ND	140	270	
1,2-Dichloroethane	ND	140	270		1,3,5-Trimethylbenzene	ND	140	270	
1,2-Dichloropropane	ND	140	270		1,1,2,2-Tetrachloroethane	ND	270	270	
1,3-Dichlorobenzene	ND	140	270		1,2,4-Trimethylbenzene	ND	270	270	
1,4-Dichlorobenzene	ND	140	270		1,2,4-Trichlorobenzene	ND	270	270	
c-1,3-Dichloropropene	ND	140	270		Vinyl Acetate	ND	270	270	
c-1,2-Dichloroethene	290	140	270		Vinyl Chloride	ND	140	270	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,231**	**N/A**	**Air**	**N/A**	**08/18/05**	**050818L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,233**	**N/A**	**Air**	**N/A**	**08/19/05**	**050819L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 24 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,237**	**N/A**	**Air**	**N/A**	**08/20/05**	**050820L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/16/05
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,240**	**N/A**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/16/05
18581 Teller Avenue		Work Order No:	05-08-1104
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 26 of 26

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,242**	**N/A**	**Air**	**N/A**	**08/23/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA TO-15 Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	RT	On Column Conc. ppbv	Estimated Conc. ppbv
05-08-1104	1	OC-SG-006-VP06-081605		Isobutane		Not found	
05-08-1104	2	OC-SG-012-VP06-081605		Isobutane		Not found	
05-08-1104	3	OC-SG-018-VP06-081605		Isobutane		Not found	
05-08-1104	4	OC-SG-024-VP06-081605		Isobutane		Not found	
05-08-1104	5	OC-SG-040-VP06-081605		Isobutane		Not found	
05-08-1104	6	OC-SG-050-VP06-081605		Isobutane		Not found	
05-08-1104	7	OC-SG-060-VP06-081605		Isobutane		Not found	
05-08-1104	8	OC-SG-060K-VP06-081605		Isobutane		Not found	
05-08-1104	9	OC-SG-070-VP06-081605		Isobutane		Not found	
05-08-1104	10	OC-SG-TB02-081605		Isobutane		Not found	
05-08-1104	11	OC-SG-070U-VP09-081605		Isobutane		Not found	
05-08-1104	12	OC-SG-006-VP09-081605		Isobutane		Not found	
05-08-1104	13	OC-SG-012-VP09-081605		Isobutane		Not found	
05-08-1104	14	OC-SG-018-VP09-081605		Isobutane		Not found	
05-08-1104	15	OC-SG-024-VP09-081605		Isobutane		Not found	
05-08-1104	16	OC-SG-040-VP09-081605		Isobutane		Not found	
05-08-1104	17	OC-SG-050-VP09-081605		Isobutane		Not found	
05-08-1104	18	OC-SG-060-VP09-081605		Isobutane		Not found	
05-08-1104	19	OC-SG-070-VP09-081605		Isobutane		Not found	
05-08-1104	20	OC-SG-024K-VP09-081605		Isobutane		Not found	
05-08-1104	21	OC-SG-050K-VP09-081605		Isobutane		Not found	

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,233	**Air**	**GC/MS K**	**N/A**	**08/19/05**	**050819L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	95	61-121	2	0-37	
Bromoform	95	96	62-134	1	0-38	
Carbon Tetrachloride	99	102	56-128	2	0-42	
1,2-Dibromoethane	89	91	63-123	2	0-38	
1,2-Dichlorobenzene	93	95	41-149	2	0-62	
1,2-Dichloroethane	101	103	63-123	2	0-37	
1,2-Dichloropropane	96	99	61-121	4	0-37	
1,4-Dichlorobenzene	93	95	51-147	2	0-49	
c-1,3-Dichloropropene	104	106	62-128	2	0-37	
Ethylbenzene	94	96	61-127	2	0-38	
o-Xylene	94	96	58-130	3	0-38	
p/m-Xylene	94	95	57-129	2	0-39	
Tetrachloroethene	92	96	59-119	4	0-40	
Toluene	90	93	60-120	3	0-39	
Trichloroethene	99	102	65-119	2	0-38	
1,1,2-Trichloroethane	99	101	64-124	3	0-37	
Vinyl Chloride	98	109	58-124	10	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,237	**Air**	**GC/MS K**	**N/A**	**08/20/05**	**050820L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	93	61-121	2	0-37	
Bromoform	91	88	62-134	3	0-38	
Carbon Tetrachloride	97	96	56-128	1	0-42	
1,2-Dibromoethane	87	86	63-123	1	0-38	
1,2-Dichlorobenzene	88	86	41-149	2	0-62	
1,2-Dichloroethane	99	100	63-123	1	0-37	
1,2-Dichloropropane	96	96	61-121	0	0-37	
1,4-Dichlorobenzene	89	86	51-147	3	0-49	
c-1,3-Dichloropropene	101	102	62-128	1	0-37	
Ethylbenzene	91	89	61-127	2	0-38	
o-Xylene	90	88	58-130	2	0-38	
p/m-Xylene	90	88	57-129	2	0-39	
Tetrachloroethene	90	89	59-119	2	0-40	
Toluene	88	88	60-120	0	0-39	
Trichloroethene	97	98	65-119	1	0-38	
1,1,2-Trichloroethane	97	98	64-124	1	0-37	
Vinyl Chloride	105	106	58-124	1	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,240	**Air**	**GC/MS K**	**N/A**	**08/22/05**	**050822L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	92	61-121	3	0-37	
Bromoform	92	93	62-134	1	0-38	
Carbon Tetrachloride	98	95	56-128	3	0-42	
1,2-Dibromoethane	88	89	63-123	1	0-38	
1,2-Dichlorobenzene	82	85	41-149	4	0-62	
1,2-Dichloroethane	97	95	63-123	2	0-37	
1,2-Dichloropropane	100	97	61-121	2	0-37	
1,4-Dichlorobenzene	84	87	51-147	3	0-49	
c-1,3-Dichloropropene	104	104	62-128	0	0-37	
Ethylbenzene	92	93	61-127	1	0-38	
o-Xylene	91	92	58-130	1	0-38	
p/m-Xylene	91	92	57-129	1	0-39	
Tetrachloroethene	93	93	59-119	0	0-40	
Toluene	92	92	60-120	0	0-39	
Trichloroethene	99	97	65-119	1	0-38	
1,1,2-Trichloroethane	100	98	64-124	1	0-37	
Vinyl Chloride	104	102	58-124	2	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,231	**Air**	**GC/MS K**	**N/A**	**08/18/05**	**050818L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	91	61-121	1	0-37	
Bromoform	86	85	62-134	2	0-38	
Carbon Tetrachloride	97	97	56-128	0	0-42	
1,2-Dibromoethane	85	84	63-123	1	0-38	
1,2-Dichlorobenzene	84	82	41-149	2	0-62	
1,2-Dichloroethane	99	98	63-123	1	0-37	
1,2-Dichloropropane	96	96	61-121	0	0-37	
1,4-Dichlorobenzene	85	83	51-147	2	0-49	
c-1,3-Dichloropropene	103	101	62-128	2	0-37	
Ethylbenzene	88	87	61-127	1	0-38	
o-Xylene	87	86	58-130	2	0-38	
p/m-Xylene	86	85	57-129	1	0-39	
Tetrachloroethene	86	86	59-119	1	0-40	
Toluene	86	85	60-120	1	0-39	
Trichloroethene	97	97	65-119	0	0-38	
1,1,2-Trichloroethane	97	96	64-124	2	0-37	
Vinyl Chloride	101	102	58-124	1	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1104
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,242	**Air**	**GC/MS K**	**N/A**	**08/23/05**	**050823L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	96	61-121	4	0-37	
Bromoform	88	91	62-134	4	0-38	
Carbon Tetrachloride	94	96	56-128	3	0-42	
1,2-Dibromoethane	86	91	63-123	6	0-38	
1,2-Dichlorobenzene	80	81	41-149	1	0-62	
1,2-Dichloroethane	94	95	63-123	1	0-37	
1,2-Dichloropropane	96	99	61-121	3	0-37	
1,4-Dichlorobenzene	83	83	51-147	1	0-49	
c-1,3-Dichloropropene	103	105	62-128	2	0-37	
Ethylbenzene	91	94	61-127	4	0-38	
o-Xylene	88	91	58-130	3	0-38	
p/m-Xylene	88	90	57-129	3	0-39	
Tetrachloroethene	90	94	59-119	5	0-40	
Toluene	88	94	60-120	7	0-39	
Trichloroethene	97	99	65-119	2	0-38	
1,1,2-Trichloroethane	98	100	64-124	2	0-37	
Vinyl Chloride	100	102	58-124	2	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-08-1104

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8-16-05

Page 1 of 2

LABORATORY CLIENT: CDM	CLIENT PROJECT NAME / NUMBER: OMEGA CHEMICAL	P.O. NO.:
ADDRESS: 18581 TELLER AVE STE 200	PROJECT CONTACT: SHARON WALLIN	LAB USE ONLY 08-1104
CITY: IRVINE STATE: CA ZIP: 92612	SAMPLER(S): (SIGNATURE)	COELT LOG CODE
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:		COOLER RECEIPT TEMP = °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ NORMAL ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	TO-15 PLUS ACETONE, FREONS 11, FREONS 12, FREONS 13, AND TICS	FIELD PID READINGS
1	12 OC-SG-006-VP06-081605		8-16-05	1600	AIR	1														X	28
2	13 OC-SG-012-VP06-081605			1552																X	30
3	14 OC-SG-018-VP06-081605			1545																X	32
4	15 OC-SG-024-VP06-081605			1536																X	44
5	16 OC-SG-040-VP06-081605			1529																X	20
6	17 OC-SG-050-VP06-081605			1505																X	80
7	18 OC-SG-060-VP06-081605			1514																X	200
8	19 OC-SG-060K-VP06-081605			1521																X	200
9	20 OC-SG-070-VP06-081605			1457																X	184
10	21 OC-SG-TB02-081605			—																X	

Relinquished by: (Signature)	Received by: (Signature)	Date: 8/16/5	Time: 1615
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature)	Date: 8/16/5	Time: 1705

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Q&Q Graphic 714-898-9702

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8-16-05

Page 2 of 2

LABORATORY CLIENT: CDM		CLIENT PROJECT NAME / NUMBER: OMEGA CHEMICAL	P.O. NO.:
ADDRESS: 18581 TELLER STE 200		PROJECT CONTACT: SHARON WALLIN	LAB USE ONLY 08-1104
CITY: IRVINE	STATE: CA	ZIP: 92612	SAMPLER(S): (SIGNATURE)
TEL: 949-752-5452	FAX: 949-752-1307	E-MAIL:	COELT LOG CODE
			COOLER RECEIPT TEMP = °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ NORMAL ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or _____	BTEX / MTBE (8260B) or _____	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747_____	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	TO-15 PLUS ACETONE	FREON 11, FREON 12,	FREON 13, AND TICS		FIELD PID READING
11	OC-SG-0705-VP09-081603		8-16-05	1623	AIR	1														XX				3
12	OC-SG-006-VP09-081603		8-16-05	1417	AIR	1														X				5
13	OC-SG-012-VP09-081603			1405																X				6
14	OC-SG-018-VP09-081603			1357																X				10
15	OC-SG-024-VP09-081603			1339																X				23
16	OC-SG-040-VP09-081603			1300																X				66
17	OC-SG-050-VP09-081603			1241																X				36
18	OC-SG-060-VP09-081603			1159																X				27
19	OC-SG-070-VP09-081603			1136																X				10
20	OC-SG-024K-VP09-081603			1345																X				66
21	OC-SG-050K-VP09-081603			1249																X				

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 8/16/5	Time: 1615
Relinquished by: (Signature)	Received for Laboratory by: (Signature)	Date:	Time:
		Date: 8/16/5	Time: 1705

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10/20/04 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 08 - 1104

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: CDM **DATE:** 8/16/5

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
✓ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: [signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: [signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓	✓	
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation	✓		✓

Initial: [signature]

COMMENTS:

Page 2 of 2 Date pet labels : 08-16-05. NC

Change to 08-16-05 per Scott H. 8/16/05 @ 1850 NC

Calscience Environmental Laboratories, Inc.

August 25, 2005

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 05-08-1221**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/17/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 1 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070-VP12-081705	**05-08-1221-1**	**08/17/05**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2100	400	395		t-1,2-Dichloroethene	1100	200	395	
Benzene	ND	200	395		t-1,3-Dichloropropene	ND	400	395	
Benzyl Chloride	ND	400	395		Ethylbenzene	ND	200	395	
Bromodichloromethane	ND	200	395		4-Ethyltoluene	ND	200	395	
Bromoform	ND	200	395		Hexachloro-1,3-Butadiene	ND	400	395	
Bromomethane	ND	200	395		2-Hexanone	ND	400	395	
2-Butanone	ND	400	395		Methyl-t-Butyl Ether (MTBE)	ND	790	395	
Carbon Disulfide	2000	200	395		Methylene Chloride	ND	790	395	
Carbon Tetrachloride	ND	200	395		4-Methyl-2-Pentanone	ND	400	395	
Chlorobenzene	ND	200	395		o-Xylene	ND	200	395	
Chloroethane	ND	200	395		p/m-Xylene	ND	400	395	
Chloroform	26000	4000	7900		Styrene	ND	400	395	
Chloromethane	ND	200	395		Tetrachloroethene	120000	4000	7900	
Dibromochloromethane	ND	200	395		Toluene	230	200	395	
Dichlorodifluoromethane	ND	200	395		Trichloroethene	6800	200	395	
1,1-Dichloroethane	7300	200	395		Trichlorofluoromethane	29000	7900	7900	
1,1-Dichloroethene	180000	4000	7900		1,1,2-Trichloro-1,2,2-Trifluoroethane	100000	7900	7900	
1,2-Dibromoethane	ND	200	395		1,1,1-Trichloroethane	6800	200	395	
Dichlorotetrafluoroethane	ND	790	395		1,1,2-Trichloroethane	ND	200	395	
1,2-Dichlorobenzene	ND	200	395		1,1,1,2-Tetrachloroethane	ND	200	395	
1,2-Dichloroethane	ND	200	395		1,3,5-Trimethylbenzene	ND	200	395	
1,2-Dichloropropane	ND	200	395		1,1,2,2-Tetrachloroethane	ND	400	395	
1,3-Dichlorobenzene	ND	200	395		1,2,4-Trimethylbenzene	ND	400	395	
1,4-Dichlorobenzene	ND	200	395		1,2,4-Trichlorobenzene	ND	400	395	
c-1,3-Dichloropropene	ND	200	395		Vinyl Acetate	ND	400	395	
c-1,2-Dichloroethene	ND	200	395		Vinyl Chloride	ND	200	395	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 2 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060-VP12-081705	**05-08-1221-2**	**08/17/05**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	640	82	82		t-1,2-Dichloroethene	320	41	82	
Benzene	98	41	82		t-1,3-Dichloropropene	ND	82	82	
Benzyl Chloride	ND	82	82		Ethylbenzene	ND	41	82	
Bromodichloromethane	ND	41	82		4-Ethyltoluene	ND	41	82	
Bromoform	ND	41	82		Hexachloro-1,3-Butadiene	ND	82	82	
Bromomethane	ND	41	82		2-Hexanone	ND	82	82	
2-Butanone	ND	82	82		Methyl-t-Butyl Ether (MTBE)	ND	160	82	
Carbon Disulfide	270	41	82		Methylene Chloride	ND	160	82	
Carbon Tetrachloride	ND	41	82		4-Methyl-2-Pentanone	ND	82	82	
Chlorobenzene	ND	41	82		o-Xylene	ND	41	82	
Chloroethane	ND	41	82		p/m-Xylene	ND	82	82	
Chloroform	9600	820	1640		Styrene	ND	82	82	
Chloromethane	ND	41	82		Tetrachloroethene	35000	820	1640	
Dibromochloromethane	ND	41	82		Toluene	140	41	82	
Dichlorodifluoromethane	68	41	82		Trichloroethene	2100	41	82	
1,1-Dichloroethane	4600	820	1640		Trichlorofluoromethane	24000	1600	1640	
1,1-Dichloroethene	95000	1600	3280		1,1,2-Trichloro-1,2,2-Trifluoroethane	74000	1600	1640	
1,2-Dibromoethane	ND	41	82		1,1,1-Trichloroethane	3100	41	82	
Dichlorotetrafluoroethane	ND	160	82		1,1,2-Trichloroethane	ND	41	82	
1,2-Dichlorobenzene	ND	41	82		1,1,1,2-Tetrachloroethane	ND	41	82	
1,2-Dichloroethane	71	41	82		1,3,5-Trimethylbenzene	ND	41	82	
1,2-Dichloropropane	ND	41	82		1,1,2,2-Tetrachloroethane	ND	82	82	
1,3-Dichlorobenzene	ND	41	82		1,2,4-Trimethylbenzene	ND	82	82	
1,4-Dichlorobenzene	ND	41	82		1,2,4-Trichlorobenzene	ND	82	82	
c-1,3-Dichloropropene	ND	41	82		Vinyl Acetate	ND	82	82	
c-1,2-Dichloroethene	180	41	82		Vinyl Chloride	ND	41	82	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 3 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050-VP12-081705	**05-08-1221-3**	**08/17/05**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	490	75	75		t-1,2-Dichloroethene	100	38	75	
Benzene	50	38	75		t-1,3-Dichloropropene	ND	75	75	
Benzyl Chloride	ND	75	75		Ethylbenzene	ND	38	75	
Bromodichloromethane	ND	38	75		4-Ethyltoluene	ND	38	75	
Bromoform	ND	38	75		Hexachloro-1,3-Butadiene	ND	75	75	
Bromomethane	ND	38	75		2-Hexanone	ND	75	75	
2-Butanone	ND	75	75		Methyl-t-Butyl Ether (MTBE)	ND	150	75	
Carbon Disulfide	210	38	75		Methylene Chloride	ND	150	75	
Carbon Tetrachloride	ND	38	75		4-Methyl-2-Pentanone	ND	75	75	
Chlorobenzene	ND	38	75		o-Xylene	ND	38	75	
Chloroethane	ND	38	75		p/m-Xylene	ND	75	75	
Chloroform	2000	38	75		Styrene	ND	75	75	
Chloromethane	ND	38	75		Tetrachloroethene	19000	750	1500	
Dibromochloromethane	ND	38	75		Toluene	83	38	75	
Dichlorodifluoromethane	44	38	75		Trichloroethene	880	38	75	
1,1-Dichloroethane	2200	38	75		Trichlorofluoromethane	15000	1500	1500	
1,1-Dichloroethene	45000	750	1500		1,1,2-Trichloro-1,2,2-Trifluoroethane	55000	1500	1500	
1,2-Dibromoethane	ND	38	75		1,1,1-Trichloroethane	1500	38	75	
Dichlorotetrafluoroethane	ND	150	75		1,1,2-Trichloroethane	ND	38	75	
1,2-Dichlorobenzene	ND	38	75		1,1,1,2-Tetrachloroethane	ND	38	75	
1,2-Dichloroethane	100	38	75		1,3,5-Trimethylbenzene	ND	38	75	
1,2-Dichloropropane	ND	38	75		1,1,2,2-Tetrachloroethane	ND	75	75	
1,3-Dichlorobenzene	ND	38	75		1,2,4-Trimethylbenzene	ND	75	75	
1,4-Dichlorobenzene	ND	38	75		1,2,4-Trichlorobenzene	ND	75	75	
c-1,3-Dichloropropene	ND	38	75		Vinyl Acetate	ND	75	75	
c-1,2-Dichloroethene	260	38	75		Vinyl Chloride	ND	38	75	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 4 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP12-081705	**05-08-1221-4**	**08/17/05**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	230	16	15.5		t-1,2-Dichloroethene	ND	7.8	15.5	
Benzene	14	8	15.5		t-1,3-Dichloropropene	ND	16	15.5	
Benzyl Chloride	ND	16	15.5		Ethylbenzene	ND	7.8	15.5	
Bromodichloromethane	ND	7.8	15.5		4-Ethyltoluene	ND	7.8	15.5	
Bromoform	ND	7.8	15.5		Hexachloro-1,3-Butadiene	ND	16	15.5	
Bromomethane	ND	7.8	15.5		2-Hexanone	ND	16	15.5	
2-Butanone	ND	16	15.5		Methyl-t-Butyl Ether (MTBE)	ND	31	15.5	
Carbon Disulfide	80	8	15.5		Methylene Chloride	ND	31	15.5	
Carbon Tetrachloride	ND	7.8	15.5		4-Methyl-2-Pentanone	ND	16	15.5	
Chlorobenzene	ND	7.8	15.5		o-Xylene	ND	7.8	15.5	
Chloroethane	ND	7.8	15.5		p/m-Xylene	ND	16	15.5	
Chloroform	57	8	15.5		Styrene	ND	16	15.5	
Chloromethane	ND	7.8	15.5		Tetrachloroethene	520	8	15.5	
Dibromochloromethane	ND	7.8	15.5		Toluene	35	8	15.5	
Dichlorodifluoromethane	12	8	15.5		Trichloroethene	42	8	15.5	
1,1-Dichloroethane	96	8	15.5		Trichlorofluoromethane	1500	160	155	
1,1-Dichloroethene	1200	78	155		1,1,2-Trichloro-1,2,2-Trifluoroethane	4100	160	155	
1,2-Dibromoethane	ND	7.8	15.5		1,1,1-Trichloroethane	110	8	15.5	
Dichlorotetrafluoroethane	ND	31	15.5		1,1,2-Trichloroethane	ND	7.8	15.5	
1,2-Dichlorobenzene	ND	7.8	15.5		1,1,1,2-Tetrachloroethane	ND	7.8	15.5	
1,2-Dichloroethane	7.8	7.8	15.5		1,3,5-Trimethylbenzene	ND	7.8	15.5	
1,2-Dichloropropane	ND	7.8	15.5		1,1,2,2-Tetrachloroethane	ND	16	15.5	
1,3-Dichlorobenzene	ND	7.8	15.5		1,2,4-Trimethylbenzene	ND	16	15.5	
1,4-Dichlorobenzene	ND	7.8	15.5		1,2,4-Trichlorobenzene	ND	16	15.5	
c-1,3-Dichloropropene	ND	7.8	15.5		Vinyl Acetate	ND	16	15.5	
c-1,2-Dichloroethene	43	8	15.5		Vinyl Chloride	ND	7.8	15.5	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 5 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP12-081705	**05-08-1221-5**	**08/17/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	170	13	12.9		t-1,2-Dichloroethene	10	6	12.9	
Benzene	15	6	12.9		t-1,3-Dichloropropene	ND	13	12.9	
Benzyl Chloride	ND	13	12.9		Ethylbenzene	ND	6.5	12.9	
Bromodichloromethane	ND	6.5	12.9		4-Ethyltoluene	ND	6.5	12.9	
Bromoform	ND	6.5	12.9		Hexachloro-1,3-Butadiene	ND	13	12.9	
Bromomethane	ND	6.5	12.9		2-Hexanone	ND	13	12.9	
2-Butanone	ND	13	12.9		Methyl-t-Butyl Ether (MTBE)	ND	26	12.9	
Carbon Disulfide	ND	6.5	12.9		Methylene Chloride	ND	26	12.9	
Carbon Tetrachloride	ND	6.5	12.9		4-Methyl-2-Pentanone	ND	13	12.9	
Chlorobenzene	ND	6.5	12.9		o-Xylene	ND	6.5	12.9	
Chloroethane	ND	6.5	12.9		p/m-Xylene	15	13	12.9	
Chloroform	98	6	12.9		Styrene	ND	13	12.9	
Chloromethane	ND	6.5	12.9		Tetrachloroethene	3700	120	242	
Dibromochloromethane	ND	6.5	12.9		Toluene	43	6	12.9	
Dichlorodifluoromethane	16	6	12.9		Trichloroethene	430	6	12.9	
1,1-Dichloroethane	190	6	12.9		Trichlorofluoromethane	2900	240	242	
1,1-Dichloroethene	2500	120	242		1,1,2-Trichloro-1,2,2-Trifluoroethane	11000	970	966	
1,2-Dibromoethane	ND	6.5	12.9		1,1,1-Trichloroethane	960	120	242	
Dichlorotetrafluoroethane	ND	26	12.9		1,1,2-Trichloroethane	ND	6.5	12.9	
1,2-Dichlorobenzene	ND	6.5	12.9		1,1,1,2-Tetrachloroethane	ND	6.5	12.9	
1,2-Dichloroethane	ND	6.5	12.9		1,3,5-Trimethylbenzene	ND	6.5	12.9	
1,2-Dichloropropane	ND	6.5	12.9		1,1,2,2-Tetrachloroethane	ND	13	12.9	
1,3-Dichlorobenzene	ND	6.5	12.9		1,2,4-Trimethylbenzene	ND	13	12.9	
1,4-Dichlorobenzene	ND	6.5	12.9		1,2,4-Trichlorobenzene	ND	13	12.9	
c-1,3-Dichloropropene	ND	6.5	12.9		Vinyl Acetate	ND	13	12.9	
c-1,2-Dichloroethene	230	6	12.9		Vinyl Chloride	ND	6.5	12.9	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 6 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP12-081705	**05-08-1221-6**	**08/17/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	190	13	12.6		t-1,2-Dichloroethene	8.9	6.3	12.6	
Benzene	12	6	12.6		t-1,3-Dichloropropene	ND	13	12.6	
Benzyl Chloride	ND	13	12.6		Ethylbenzene	ND	6.3	12.6	
Bromodichloromethane	ND	6.3	12.6		4-Ethyltoluene	ND	6.3	12.6	
Bromoform	ND	6.3	12.6		Hexachloro-1,3-Butadiene	ND	13	12.6	
Bromomethane	ND	6.3	12.6		2-Hexanone	ND	13	12.6	
2-Butanone	ND	13	12.6		Methyl-t-Butyl Ether (MTBE)	ND	25	12.6	
Carbon Disulfide	ND	6.3	12.6		Methylene Chloride	ND	25	12.6	
Carbon Tetrachloride	ND	6.3	12.6		4-Methyl-2-Pentanone	ND	13	12.6	
Chlorobenzene	ND	6.3	12.6		o-Xylene	6.6	6.3	12.6	
Chloroethane	ND	6.3	12.6		p/m-Xylene	19	13	12.6	
Chloroform	92	6	12.6		Styrene	ND	13	12.6	
Chloromethane	ND	6.3	12.6		Tetrachloroethene	6100	120	236	
Dibromochloromethane	ND	6.3	12.6		Toluene	41	6	12.6	
Dichlorodifluoromethane	14	6	12.6		Trichloroethene	590	6	12.6	
1,1-Dichloroethane	140	6	12.6		Trichlorofluoromethane	2000	240	236	
1,1-Dichloroethene	1600	120	236		1,1,2-Trichloro-1,2,2-Trifluoroethane	11000	240	236	
1,2-Dibromoethane	ND	6.3	12.6		1,1,1-Trichloroethane	890	120	236	
Dichlorotetrafluoroethane	ND	25	12.6		1,1,2-Trichloroethane	ND	6.3	12.6	
1,2-Dichlorobenzene	ND	6.3	12.6		1,1,1,2-Tetrachloroethane	ND	6.3	12.6	
1,2-Dichloroethane	ND	6.3	12.6		1,3,5-Trimethylbenzene	ND	6.3	12.6	
1,2-Dichloropropane	ND	6.3	12.6		1,1,2,2-Tetrachloroethane	ND	13	12.6	
1,3-Dichlorobenzene	ND	6.3	12.6		1,2,4-Trimethylbenzene	ND	13	12.6	
1,4-Dichlorobenzene	ND	6.3	12.6		1,2,4-Trichlorobenzene	ND	13	12.6	
c-1,3-Dichloropropene	ND	6.3	12.6		Vinyl Acetate	ND	13	12.6	
c-1,2-Dichloroethene	190	6	12.6		Vinyl Chloride	ND	6.3	12.6	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 7 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP12-081705	**05-08-1221-7**	**08/17/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	370	24	24		t-1,2-Dichloroethene	ND	12	24	
Benzene	14	12	24		t-1,3-Dichloropropene	ND	24	24	
Benzyl Chloride	ND	24	24		Ethylbenzene	ND	12	24	
Bromodichloromethane	ND	12	24		4-Ethyltoluene	ND	12	24	
Bromoform	ND	12	24		Hexachloro-1,3-Butadiene	ND	24	24	
Bromomethane	ND	12	24		2-Hexanone	ND	24	24	
2-Butanone	ND	24	24		Methyl-t-Butyl Ether (MTBE)	ND	48	24	
Carbon Disulfide	120	12	24		Methylene Chloride	ND	48	24	
Carbon Tetrachloride	ND	12	24		4-Methyl-2-Pentanone	ND	24	24	
Chlorobenzene	ND	12	24		o-Xylene	ND	12	24	
Chloroethane	ND	12	24		p/m-Xylene	ND	24	24	
Chloroform	91	12	24		Styrene	ND	24	24	
Chloromethane	ND	12	24		Tetrachloroethene	18000	240	480	
Dibromochloromethane	ND	12	24		Toluene	40	12	24	
Dichlorodifluoromethane	13	12	24		Trichloroethene	880	12	24	
1,1-Dichloroethane	92	12	24		Trichlorofluoromethane	2500	480	480	
1,1-Dichloroethene	1700	240	480		1,1,2-Trichloro-1,2,2-Trifluoroethane	15000	480	480	
1,2-Dibromoethane	ND	12	24		1,1,1-Trichloroethane	1700	240	480	
Dichlorotetrafluoroethane	ND	48	24		1,1,2-Trichloroethane	ND	12	24	
1,2-Dichlorobenzene	ND	12	24		1,1,1,2-Tetrachloroethane	ND	12	24	
1,2-Dichloroethane	ND	12	24		1,3,5-Trimethylbenzene	ND	12	24	
1,2-Dichloropropane	ND	12	24		1,1,2,2-Tetrachloroethane	ND	24	24	
1,3-Dichlorobenzene	ND	12	24		1,2,4-Trimethylbenzene	ND	24	24	
1,4-Dichlorobenzene	ND	12	24		1,2,4-Trichlorobenzene	ND	24	24	
c-1,3-Dichloropropene	ND	12	24		Vinyl Acetate	ND	24	24	
c-1,2-Dichloroethene	120	12	24		Vinyl Chloride	ND	12	24	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 8 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-TB03-081705	**05-08-1221-8**	**08/17/05**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 9 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP05-081705	**05-08-1221-9**	**08/17/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	4800	630	632		t-1,2-Dichloroethene	5500	320	632	
Benzene	2500	320	632		t-1,3-Dichloropropene	ND	630	632	
Benzyl Chloride	ND	630	632		Ethylbenzene	ND	320	632	
Bromodichloromethane	ND	320	632		4-Ethyltoluene	ND	320	632	
Bromoform	ND	320	632		Hexachloro-1,3-Butadiene	ND	630	632	
Bromomethane	ND	320	632		2-Hexanone	ND	630	632	
2-Butanone	ND	630	632		Methyl-t-Butyl Ether (MTBE)	ND	1300	632	
Carbon Disulfide	5000	320	632		Methylene Chloride	ND	1300	632	
Carbon Tetrachloride	ND	320	632		4-Methyl-2-Pentanone	ND	630	632	
Chlorobenzene	ND	320	632		o-Xylene	ND	320	632	
Chloroethane	ND	320	632		p/m-Xylene	ND	630	632	
Chloroform	17000	320	632		Styrene	ND	630	632	
Chloromethane	ND	320	632		Tetrachloroethene	400000	6300	12600	
Dibromochloromethane	ND	320	632		Toluene	340	320	632	
Dichlorodifluoromethane	ND	320	632		Trichloroethene	38000	6300	12600	
1,1-Dichloroethane	19000	320	632		Trichlorofluoromethane	20000	630	632	
1,1-Dichloroethene	210000	6300	12600		1,1,2-Trichloro-1,2,2-Trifluoroethane	85000	13000	12600	
1,2-Dibromoethane	ND	320	632		1,1,1-Trichloroethane	28000	320	632	
Dichlorotetrafluoroethane	ND	1300	632		1,1,2-Trichloroethane	ND	320	632	
1,2-Dichlorobenzene	ND	320	632		1,1,1,2-Tetrachloroethane	ND	320	632	
1,2-Dichloroethane	4100	320	632		1,3,5-Trimethylbenzene	ND	320	632	
1,2-Dichloropropane	ND	320	632		1,1,2,2-Tetrachloroethane	ND	630	632	
1,3-Dichlorobenzene	ND	320	632		1,2,4-Trimethylbenzene	ND	630	632	
1,4-Dichlorobenzene	ND	320	632		1,2,4-Trichlorobenzene	ND	630	632	
c-1,3-Dichloropropene	ND	320	632		Vinyl Acetate	ND	630	632	
c-1,2-Dichloroethene	ND	320	632		Vinyl Chloride	ND	320	632	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 10 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP05-081705	**05-08-1221-10**	**08/17/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	930	120	124		t-1,2-Dichloroethene	1200	62	124	
Benzene	390	62	124		t-1,3-Dichloropropene	ND	120	124	
Benzyl Chloride	ND	120	124		Ethylbenzene	ND	62	124	
Bromodichloromethane	ND	62	124		4-Ethyltoluene	ND	62	124	
Bromoform	ND	62	124		Hexachloro-1,3-Butadiene	ND	120	124	
Bromomethane	ND	62	124		2-Hexanone	ND	120	124	
2-Butanone	ND	120	124		Methyl-t-Butyl Ether (MTBE)	ND	250	124	
Carbon Disulfide	640	62	124		Methylene Chloride	ND	250	124	
Carbon Tetrachloride	ND	62	124		4-Methyl-2-Pentanone	ND	120	124	
Chlorobenzene	ND	62	124		o-Xylene	ND	62	124	
Chloroethane	ND	62	124		p/m-Xylene	ND	120	124	
Chloroform	3400	62	124		Styrene	ND	120	124	
Chloromethane	ND	62	124		Tetrachloroethene	45000	1200	2480	
Dibromochloromethane	ND	62	124		Toluene	130	62	124	
Dichlorodifluoromethane	ND	62	124		Trichloroethene	7000	1200	2480	
1,1-Dichloroethane	7200	1200	2480		Trichlorofluoromethane	20000	2500	2480	
1,1-Dichloroethene	86000	1200	2480		1,1,2-Trichloro-1,2,2-Trifluoroethane	58000	2500	2480	
1,2-Dibromoethane	ND	62	124		1,1,1-Trichloroethane	22000	1200	2480	
Dichlorotetrafluoroethane	ND	250	124		1,1,2-Trichloroethane	100	62	124	
1,2-Dichlorobenzene	ND	62	124		1,1,1,2-Tetrachloroethane	ND	62	124	
1,2-Dichloroethane	1600	62	124		1,3,5-Trimethylbenzene	ND	62	124	
1,2-Dichloropropane	ND	62	124		1,1,2,2-Tetrachloroethane	ND	120	124	
1,3-Dichlorobenzene	ND	62	124		1,2,4-Trimethylbenzene	ND	120	124	
1,4-Dichlorobenzene	ND	62	124		1,2,4-Trichlorobenzene	ND	120	124	
c-1,3-Dichloropropene	ND	62	124		Vinyl Acetate	ND	120	124	
c-1,2-Dichloroethene	80	62	124		Vinyl Chloride	ND	62	124	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 11 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP05-081705	**05-08-1221-11**	**08/17/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1900	240	237		t-1,2-Dichloroethene	2600	120	237	
Benzene	860	120	237		t-1,3-Dichloropropene	ND	240	237	
Benzyl Chloride	ND	240	237		Ethylbenzene	ND	120	237	
Bromodichloromethane	ND	120	237		4-Ethyltoluene	ND	120	237	
Bromoform	ND	120	237		Hexachloro-1,3-Butadiene	ND	240	237	
Bromomethane	ND	120	237		2-Hexanone	ND	240	237	
2-Butanone	ND	240	237		Methyl-t-Butyl Ether (MTBE)	ND	470	237	
Carbon Disulfide	1100	120	237		Methylene Chloride	ND	470	237	
Carbon Tetrachloride	ND	120	237		4-Methyl-2-Pentanone	ND	240	237	
Chlorobenzene	ND	120	237		o-Xylene	ND	120	237	
Chloroethane	ND	120	237		p/m-Xylene	ND	240	237	
Chloroform	4800	120	237		Styrene	ND	240	237	
Chloromethane	ND	120	237		Tetrachloroethene	180000	2400	4740	
Dibromochloromethane	ND	120	237		Toluene	170	120	237	
Dichlorodifluoromethane	ND	120	237		Trichloroethene	19000	2400	4740	
1,1-Dichloroethane	20000	2400	4740		Trichlorofluoromethane	35000	4700	4740	
1,1-Dichloroethene	110000	2400	4740		1,1,2-Trichloro-1,2,2-Trifluoroethane	97000	4700	4740	
1,2-Dibromoethane	ND	120	237		1,1,1-Trichloroethane	69000	2400	4740	
Dichlorotetrafluoroethane	ND	470	237		1,1,2-Trichloroethane	210	120	237	
1,2-Dichlorobenzene	ND	120	237		1,1,1,2-Tetrachloroethane	ND	120	237	
1,2-Dichloroethane	2300	120	237		1,3,5-Trimethylbenzene	ND	120	237	
1,2-Dichloropropane	ND	120	237		1,1,2,2-Tetrachloroethane	ND	240	237	
1,3-Dichlorobenzene	ND	120	237		1,2,4-Trimethylbenzene	ND	240	237	
1,4-Dichlorobenzene	ND	120	237		1,2,4-Trichlorobenzene	ND	240	237	
c-1,3-Dichloropropene	ND	120	237		Vinyl Acetate	ND	240	237	
c-1,2-Dichloroethene	170	120	237		Vinyl Chloride	ND	120	237	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 12 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP05-081705	**05-08-1221-12**	**08/17/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2100	320	320		t-1,2-Dichloroethene	2600	160	320	
Benzene	730	160	320		t-1,3-Dichloropropene	ND	320	320	
Benzyl Chloride	ND	320	320		Ethylbenzene	ND	160	320	
Bromodichloromethane	ND	160	320		4-Ethyltoluene	ND	160	320	
Bromoform	ND	160	320		Hexachloro-1,3-Butadiene	ND	320	320	
Bromomethane	ND	160	320		2-Hexanone	ND	320	320	
2-Butanone	ND	320	320		Methyl-t-Butyl Ether (MTBE)	ND	640	320	
Carbon Disulfide	1700	160	320		Methylene Chloride	ND	640	320	
Carbon Tetrachloride	ND	160	320		4-Methyl-2-Pentanone	ND	320	320	
Chlorobenzene	ND	160	320		o-Xylene	ND	160	320	
Chloroethane	ND	160	320		p/m-Xylene	ND	320	320	
Chloroform	3700	160	320		Styrene	ND	320	320	
Chloromethane	ND	160	320		Tetrachloroethene	260000	3200	6400	
Dibromochloromethane	ND	160	320		Toluene	ND	160	320	
Dichlorodifluoromethane	ND	160	320		Trichloroethene	21000	3200	6400	
1,1-Dichloroethane	22000	3200	6400		Trichlorofluoromethane	30000	6400	6400	
1,1-Dichloroethene	90000	3200	6400		1,1,2-Trichloro-1,2,2-Trifluoroethane	85000	6400	6400	
1,2-Dibromoethane	ND	160	320		1,1,1-Trichloroethane	81000	3200	6400	
Dichlorotetrafluoroethane	ND	640	320		1,1,2-Trichloroethane	200	160	320	
1,2-Dichlorobenzene	ND	160	320		1,1,1,2-Tetrachloroethane	ND	160	320	
1,2-Dichloroethane	1100	160	320		1,3,5-Trimethylbenzene	ND	160	320	
1,2-Dichloropropane	ND	160	320		1,1,2,2-Tetrachloroethane	ND	320	320	
1,3-Dichlorobenzene	ND	160	320		1,2,4-Trimethylbenzene	ND	320	320	
1,4-Dichlorobenzene	ND	160	320		1,2,4-Trichlorobenzene	ND	320	320	
c-1,3-Dichloropropene	ND	160	320		Vinyl Acetate	ND	320	320	
c-1,2-Dichloroethene	260	160	320		Vinyl Chloride	ND	160	320	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 13 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP05-081705	**05-08-1221-13**	**08/17/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	3500	410	405		t-1,2-Dichloroethene	2200	200	405	
Benzene	650	200	405		t-1,3-Dichloropropene	ND	410	405	
Benzyl Chloride	ND	410	405		Ethylbenzene	ND	200	405	
Bromodichloromethane	ND	200	405		4-Ethyltoluene	ND	200	405	
Bromoform	ND	200	405		Hexachloro-1,3-Butadiene	ND	410	405	
Bromomethane	ND	200	405		2-Hexanone	ND	410	405	
2-Butanone	ND	410	405		Methyl-t-Butyl Ether (MTBE)	ND	810	405	
Carbon Disulfide	3800	200	405		Methylene Chloride	ND	810	405	
Carbon Tetrachloride	ND	200	405		4-Methyl-2-Pentanone	ND	410	405	
Chlorobenzene	ND	200	405		o-Xylene	ND	200	405	
Chloroethane	ND	200	405		p/m-Xylene	ND	410	405	
Chloroform	3000	200	405		Styrene	ND	410	405	
Chloromethane	ND	200	405		Tetrachloroethene	240000	4100	8100	
Dibromochloromethane	ND	200	405		Toluene	310	200	405	
Dichlorodifluoromethane	ND	200	405		Trichloroethene	19000	4100	8100	
1,1-Dichloroethane	26000	4100	8100		Trichlorofluoromethane	27000	8100	8100	
1,1-Dichloroethene	79000	4100	8100		1,1,2-Trichloro-1,2,2-Trifluoroethane	79000	8100	8100	
1,2-Dibromoethane	ND	200	405		1,1,1-Trichloroethane	89000	4100	8100	
Dichlorotetrafluoroethane	ND	810	405		1,1,2-Trichloroethane	ND	200	405	
1,2-Dichlorobenzene	ND	200	405		1,1,1,2-Tetrachloroethane	ND	200	405	
1,2-Dichloroethane	450	200	405		1,3,5-Trimethylbenzene	ND	200	405	
1,2-Dichloropropane	ND	200	405		1,1,2,2-Tetrachloroethane	ND	410	405	
1,3-Dichlorobenzene	ND	200	405		1,2,4-Trimethylbenzene	ND	410	405	
1,4-Dichlorobenzene	ND	200	405		1,2,4-Trichlorobenzene	ND	410	405	
c-1,3-Dichloropropene	ND	200	405		Vinyl Acetate	ND	410	405	
c-1,2-Dichloroethene	760	200	405		Vinyl Chloride	ND	200	405	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 14 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018K-VP05-081705	**05-08-1221-14**	**08/17/05**	**Air**	**N/A**	**08/23/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1700	230	233		t-1,2-Dichloroethene	2000	120	233	
Benzene	690	120	233		t-1,3-Dichloropropene	ND	230	233	
Benzyl Chloride	ND	230	233		Ethylbenzene	ND	120	233	
Bromodichloromethane	ND	120	233		4-Ethyltoluene	ND	120	233	
Bromoform	ND	120	233		Hexachloro-1,3-Butadiene	ND	230	233	
Bromomethane	ND	120	233		2-Hexanone	ND	230	233	
2-Butanone	ND	230	233		Methyl-t-Butyl Ether (MTBE)	ND	470	233	
Carbon Disulfide	1300	120	233		Methylene Chloride	ND	470	233	
Carbon Tetrachloride	ND	120	233		4-Methyl-2-Pentanone	ND	230	233	
Chlorobenzene	ND	120	233		o-Xylene	ND	120	233	
Chloroethane	ND	120	233		p/m-Xylene	ND	230	233	
Chloroform	3700	120	233		Styrene	ND	230	233	
Chloromethane	ND	120	233		Tetrachloroethene	140000	2300	4650	
Dibromochloromethane	ND	120	233		Toluene	160	120	233	
Dichlorodifluoromethane	ND	120	233		Trichloroethene	15000	2300	4650	
1,1-Dichloroethane	15000	2300	4650		Trichlorofluoromethane	27000	4700	4650	
1,1-Dichloroethene	88000	2300	4650		1,1,2-Trichloro-1,2,2-Trifluoroethane	77000	4700	4650	
1,2-Dibromoethane	ND	120	233		1,1,1-Trichloroethane	53000	2300	4650	
Dichlorotetrafluoroethane	ND	470	233		1,1,2-Trichloroethane	180	120	233	
1,2-Dichlorobenzene	ND	120	233		1,1,1,2-Tetrachloroethane	ND	120	233	
1,2-Dichloroethane	1800	120	233		1,3,5-Trimethylbenzene	ND	120	233	
1,2-Dichloropropane	ND	120	233		1,1,2,2-Tetrachloroethane	ND	230	233	
1,3-Dichlorobenzene	ND	120	233		1,2,4-Trimethylbenzene	ND	230	233	
1,4-Dichlorobenzene	ND	120	233		1,2,4-Trichlorobenzene	ND	230	233	
c-1,3-Dichloropropene	ND	120	233		Vinyl Acetate	ND	230	233	
c-1,2-Dichloroethene	130	120	233		Vinyl Chloride	ND	120	233	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 15 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,239**	**N/A**	**Air**	**N/A**	**08/22/05**	**050822L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/17/05
18581 Teller Avenue		Work Order No:	05-08-1221
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 16 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,241**	**N/A**	**Air**	**N/A**	**08/23/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA TO-15 Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	RT	On Column Conc. ppbv	Estimated Conc. ppbv
05-08-1221	1	OC-SG-070-VP12-081705		Isobutane		Not found	
05-08-1221	2	OC-SG-060-VP12-081705		Isobutane		Not found	
05-08-1221	3	OC-SG-050-VP12-081705		Isobutane		Not found	
05-08-1221	4	OC-SG-024-VP12-081705		Isobutane		Not found	
05-08-1221	5	OC-SG-018-VP12-081705		Isobutane		Not found	
05-08-1221	6	OC-SG-012-VP12-081705		Isobutane		Not found	
05-08-1221	7	OC-SG-006-VP12-081705		Isobutane		Not found	
05-08-1221	8	OC-SG-TB03-081705		Isobutane		Not found	
05-08-1221	9	OC-SG-040-VP05-081705		Isobutane		Not found	
05-08-1221	10	OC-SG-024-VP05-081705		Isobutane		Not found	
05-08-1221	11	OC-SG-018-VP05-081705		Isobutane		Not found	
05-08-1221	12	OC-SG-012-VP05-081705		Isobutane		Not found	
05-08-1221	13	OC-SG-006-VP05-081705		Isobutane		Not found	
05-08-1221	14	OC-SG-018U-VP05-081705		Isobutane		Not found	

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1221
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,239	**Air**	**GC/MS II**	**N/A**	**08/22/05**	**050822L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	103	61-121	1	0-37	
Bromoform	108	103	62-134	4	0-38	
Carbon Tetrachloride	107	105	56-128	2	0-42	
1,2-Dibromoethane	102	98	63-123	4	0-38	
1,2-Dichlorobenzene	88	83	41-149	6	0-62	
1,2-Dichloroethane	107	104	63-123	3	0-37	
1,2-Dichloropropane	100	99	61-121	1	0-37	
1,4-Dichlorobenzene	88	83	51-147	6	0-49	
c-1,3-Dichloropropene	103	102	62-128	0	0-37	
Ethylbenzene	100	96	61-127	4	0-38	
o-Xylene	99	95	58-130	5	0-38	
p/m-Xylene	101	96	57-129	4	0-39	
Tetrachloroethene	103	100	59-119	3	0-40	
Toluene	103	99	60-120	4	0-39	
Trichloroethene	104	103	65-119	1	0-38	
1,1,2-Trichloroethane	102	100	64-124	2	0-37	
Vinyl Chloride	107	108	58-124	1	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1221
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,241	**Air**	**GC/MS II**	**N/A**	**08/23/05**	**050823L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	118	119	61-121	1	0-37	
Bromoform	114	117	62-134	2	0-38	
Carbon Tetrachloride	115	115	56-128	0	0-42	
1,2-Dibromoethane	110	113	63-123	3	0-38	
1,2-Dichlorobenzene	96	96	41-149	1	0-62	
1,2-Dichloroethane	113	113	63-123	1	0-37	
1,2-Dichloropropane	115	115	61-121	1	0-37	
1,4-Dichlorobenzene	94	94	51-147	0	0-49	
c-1,3-Dichloropropene	115	116	62-128	1	0-37	
Ethylbenzene	109	112	61-127	3	0-38	
o-Xylene	107	110	58-130	3	0-38	
p/m-Xylene	109	112	57-129	2	0-39	
Tetrachloroethene	111	114	59-119	3	0-40	
Toluene	113	116	60-120	2	0-39	
Trichloroethene	117	117	65-119	0	0-38	
1,1,2-Trichloroethane	116	116	64-124	0	0-37	
Vinyl Chloride	116	115	58-124	1	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-08-1221

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/17/05
Page 1 of 2

LABORATORY CLIENT: CDM, Inc.
ADDRESS: 18581 Teller Avenue, Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS ~~☒~~ Normal
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐
SPECIAL INSTRUCTIONS: Isobutane is the leak detection gas that was used.

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Sanderson
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 08-1222
COOLER RECEIPT TEMP = °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	Acetone, Freon 11, 12 Freon 13, TICs		Field PID Readings
	OC-SG-070-VP12-081705		8/17/05	1410	Air	1												✓		✓	✓		134
	OC-SG-060-VP12-081705			1421														✓		✓	✓		25
	OC-SG-050-VP12-081705			1433														✓		✓	✓		20
	~~OC-SG-040-VP12-081705~~																	✓		✓	✓		
	OC-SG-024-VP12-081705			1452														✓		✓	✓		3.2
	OC-SG-018-VP12-081705			1502														✓		✓	✓		3.2
	OC-SG-012-VP12-081705			1513														✓		✓	✓		4.4
	OC-SG-006-VP12-081705			1523														✓		✓	✓		5.1
	~~OC-SG-070K-VP12-081705~~																	✓		✓	✓		
	OC-SG-TB03-081705																	✓		✓	✓		

Relinquished by: (Signature) Scott A. Sanderson	Received by: (Signature) CEL	Date: 08-17-05	Time: 1750
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature) CEL	Date: 08-17-05	Time: 1830

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Q&Q Graphic 714-898-9702

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/17/05

Page 2 of 2

LABORATORY CLIENT: CDM, Inc.
ADDRESS: 18581 Teller Avenue, Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☒ Normal ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐
SPECIAL INSTRUCTIONS:
Isobutane is the leak detection gas that was used

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Anderson
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 08-1224
COOLER RECEIPT TEMP = °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	Acetone, Freon 11, 12	Freon 13, TICs			Field PID Reading
	OC-SG-040-VP05-081705		8/17/05	1624	Air	1												✓		✓	✓			290
	OC-SG-024-VP05-081705			1634														✓		✓	✓			63.3
	OC-SG-018-VP05-081705			1644														✓		✓	✓			142.6
	OC-SG-012-VP05-081705			1701														✓		✓	✓			165.5
	OC-SG-006-VP05-081705			1710														✓		✓	✓			116.1
	OC-SG-018A-VP05-081705		8/17/05	1650	Air	1												✓		✓	✓			

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Scott A. Anderson	CCL	08-17-05	17:50
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature)	Date:	Time:
		08-17-05	18:30

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
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10/20/04 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 08 - 1221

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: CDM. **DATE:** 08-17-05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
✓ Ambient temperature. Simms

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: VM

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: VM

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: VM

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

August 25, 2005

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 05-08-1328**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/18/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/18/05
18581 Teller Avenue		Work Order No:	05-08-1328
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 1 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP03-081805	**05-08-1328-1**	**08/18/05**	**Air**	**N/A**	**08/23/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	170	167		t-1,2-Dichloroethene	1100	84	167	
Benzene	110	84	167		t-1,3-Dichloropropene	ND	170	167	
Benzyl Chloride	ND	170	167		Ethylbenzene	ND	84	167	
Bromodichloromethane	ND	84	167		4-Ethyltoluene	ND	84	167	
Bromoform	ND	84	167		Hexachloro-1,3-Butadiene	ND	170	167	
Bromomethane	ND	84	167		2-Hexanone	ND	170	167	
2-Butanone	ND	170	167		Methyl-t-Butyl Ether (MTBE)	ND	330	167	
Carbon Disulfide	420	84	167		Methylene Chloride	ND	330	167	
Carbon Tetrachloride	ND	84	167		4-Methyl-2-Pentanone	ND	170	167	
Chlorobenzene	ND	84	167		o-Xylene	ND	84	167	
Chloroethane	ND	84	167		p/m-Xylene	ND	170	167	
Chloroform	1900	84	167		Styrene	ND	170	167	
Chloromethane	ND	84	167		Tetrachloroethene	63000	1700	3340	
Dibromochloromethane	ND	84	167		Toluene	ND	84	167	
Dichlorodifluoromethane	ND	84	167		Trichloroethene	6900	1700	3340	
1,1-Dichloroethane	4400	84	167		Trichlorofluoromethane	12000	3300	3340	
1,1-Dichloroethene	43000	1700	3340		1,1,2-Trichloro-1,2,2-Trifluoroethane	29000	3300	3340	
1,2-Dibromoethane	ND	84	167		1,1,1-Trichloroethane	7400	84	167	
Dichlorotetrafluoroethane	ND	330	167		1,1,2-Trichloroethane	ND	84	167	
1,2-Dichlorobenzene	ND	84	167		1,1,1,2-Tetrachloroethane	ND	84	167	
1,2-Dichloroethane	130	84	167		1,3,5-Trimethylbenzene	ND	84	167	
1,2-Dichloropropane	ND	84	167		1,1,2,2-Tetrachloroethane	ND	170	167	
1,3-Dichlorobenzene	ND	84	167		1,2,4-Trimethylbenzene	ND	170	167	
1,4-Dichlorobenzene	ND	84	167		1,2,4-Trichlorobenzene	ND	170	167	
c-1,3-Dichloropropene	ND	84	167		Vinyl Acetate	ND	170	167	
c-1,2-Dichloroethene	87	84	167		Vinyl Chloride	ND	84	167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/18/05
18581 Teller Avenue		Work Order No:	05-08-1328
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 2 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP03-081805	**05-08-1328-2**	**08/18/05**	**Air**	**N/A**	**08/23/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	190	191		t-1,2-Dichloroethene	1500	96	191	
Benzene	250	96	191		t-1,3-Dichloropropene	ND	190	191	
Benzyl Chloride	ND	190	191		Ethylbenzene	ND	96	191	
Bromodichloromethane	ND	96	191		4-Ethyltoluene	ND	96	191	
Bromoform	ND	96	191		Hexachloro-1,3-Butadiene	ND	190	191	
Bromomethane	ND	96	191		2-Hexanone	ND	190	191	
2-Butanone	ND	190	191		Methyl-t-Butyl Ether (MTBE)	ND	380	191	
Carbon Disulfide	860	96	191		Methylene Chloride	ND	380	191	
Carbon Tetrachloride	ND	96	191		4-Methyl-2-Pentanone	ND	190	191	
Chlorobenzene	ND	96	191		o-Xylene	ND	96	191	
Chloroethane	ND	96	191		p/m-Xylene	ND	190	191	
Chloroform	3000	96	191		Styrene	ND	190	191	
Chloromethane	ND	96	191		Tetrachloroethene	78000	1900	3820	
Dibromochloromethane	ND	96	191		Toluene	ND	96	191	
Dichlorodifluoromethane	ND	96	191		Trichloroethene	7900	1900	3820	
1,1-Dichloroethane	5200	96	191		Trichlorofluoromethane	14000	3800	3820	
1,1-Dichloroethene	56000	1900	3820		1,1,2-Trichloro-1,2,2-Trifluoroethane	36000	3800	3820	
1,2-Dibromoethane	ND	96	191		1,1,1-Trichloroethane	7900	96	191	
Dichlorotetrafluoroethane	ND	380	191		1,1,2-Trichloroethane	ND	96	191	
1,2-Dichlorobenzene	ND	96	191		1,1,1,2-Tetrachloroethane	ND	96	191	
1,2-Dichloroethane	220	96	191		1,3,5-Trimethylbenzene	ND	96	191	
1,2-Dichloropropane	ND	96	191		1,1,2,2-Tetrachloroethane	ND	190	191	
1,3-Dichlorobenzene	ND	96	191		1,2,4-Trimethylbenzene	ND	190	191	
1,4-Dichlorobenzene	ND	96	191		1,2,4-Trichlorobenzene	ND	190	191	
c-1,3-Dichloropropene	ND	96	191		Vinyl Acetate	ND	190	191	
c-1,2-Dichloroethene	ND	96	191		Vinyl Chloride	ND	96	191	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/18/05
Work Order No: 05-08-1328
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP03-081805	**05-08-1328-3**	**08/18/05**	**Air**	**N/A**	**08/23/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2800	430	430		t-1,2-Dichloroethene	6100	220	430	
Benzene	1200	220	430		t-1,3-Dichloropropene	ND	430	430	
Benzyl Chloride	ND	430	430		Ethylbenzene	ND	220	430	
Bromodichloromethane	ND	220	430		4-Ethyltoluene	ND	220	430	
Bromoform	ND	220	430		Hexachloro-1,3-Butadiene	ND	430	430	
Bromomethane	ND	220	430		2-Hexanone	ND	430	430	
2-Butanone	ND	430	430		Methyl-t-Butyl Ether (MTBE)	ND	860	430	
Carbon Disulfide	1800	220	430		Methylene Chloride	6700	860	430	
Carbon Tetrachloride	ND	220	430		4-Methyl-2-Pentanone	ND	430	430	
Chlorobenzene	ND	220	430		o-Xylene	ND	220	430	
Chloroethane	ND	220	430		p/m-Xylene	ND	430	430	
Chloroform	10000	220	430		Styrene	ND	430	430	
Chloromethane	ND	220	430		Tetrachloroethene	260000	4300	8600	
Dibromochloromethane	ND	220	430		Toluene	ND	220	430	
Dichlorodifluoromethane	ND	220	430		Trichloroethene	23000	4300	8600	
1,1-Dichloroethane	9700	220	430		Trichlorofluoromethane	31000	8600	8600	
1,1-Dichloroethene	200000	4300	8600		1,1,2-Trichloro-1,2,2-Trifluoroethane	170000	8600	8600	
1,2-Dibromoethane	ND	220	430		1,1,1-Trichloroethane	6400	220	430	
Dichlorotetrafluoroethane	ND	860	430		1,1,2-Trichloroethane	ND	220	430	
1,2-Dichlorobenzene	ND	220	430		1,1,1,2-Tetrachloroethane	ND	220	430	
1,2-Dichloroethane	540	220	430		1,3,5-Trimethylbenzene	ND	220	430	
1,2-Dichloropropane	ND	220	430		1,1,2,2-Tetrachloroethane	ND	430	430	
1,3-Dichlorobenzene	ND	220	430		1,2,4-Trimethylbenzene	ND	430	430	
1,4-Dichlorobenzene	ND	220	430		1,2,4-Trichlorobenzene	ND	430	430	
c-1,3-Dichloropropene	ND	220	430		Vinyl Acetate	ND	430	430	
c-1,2-Dichloroethene	ND	220	430		Vinyl Chloride	ND	220	430	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/18/05
Work Order No: 05-08-1328
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP03-081805	**05-08-1328-4**	**08/18/05**	**Air**	**N/A**	**08/23/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	320	324		t-1,2-Dichloroethene	2000	160	324	
Benzene	340	160	324		t-1,3-Dichloropropene	ND	320	324	
Benzyl Chloride	ND	320	324		Ethylbenzene	ND	160	324	
Bromodichloromethane	ND	160	324		4-Ethyltoluene	ND	160	324	
Bromoform	ND	160	324		Hexachloro-1,3-Butadiene	ND	320	324	
Bromomethane	ND	160	324		2-Hexanone	ND	320	324	
2-Butanone	ND	320	324		Methyl-t-Butyl Ether (MTBE)	ND	650	324	
Carbon Disulfide	1200	160	324		Methylene Chloride	ND	650	324	
Carbon Tetrachloride	ND	160	324		4-Methyl-2-Pentanone	ND	320	324	
Chlorobenzene	ND	160	324		o-Xylene	ND	160	324	
Chloroethane	ND	160	324		p/m-Xylene	ND	320	324	
Chloroform	3800	160	324		Styrene	ND	320	324	
Chloromethane	ND	160	324		Tetrachloroethene	110000	3200	6480	
Dibromochloromethane	ND	160	324		Toluene	ND	160	324	
Dichlorodifluoromethane	ND	160	324		Trichloroethene	10000	3200	6480	
1,1-Dichloroethane	7100	160	324		Trichlorofluoromethane	18000	6500	6480	
1,1-Dichloroethene	71000	3200	6480		1,1,2-Trichloro-1,2,2-Trifluoroethane	46000	6500	6480	
1,2-Dibromoethane	ND	160	324		1,1,1-Trichloroethane	11000	160	324	
Dichlorotetrafluoroethane	ND	650	324		1,1,2-Trichloroethane	ND	160	324	
1,2-Dichlorobenzene	ND	160	324		1,1,1,2-Tetrachloroethane	ND	160	324	
1,2-Dichloroethane	300	160	324		1,3,5-Trimethylbenzene	ND	160	324	
1,2-Dichloropropane	ND	160	324		1,1,2,2-Tetrachloroethane	ND	320	324	
1,3-Dichlorobenzene	ND	160	324		1,2,4-Trimethylbenzene	ND	320	324	
1,4-Dichlorobenzene	ND	160	324		1,2,4-Trichlorobenzene	ND	320	324	
c-1,3-Dichloropropene	ND	160	324		Vinyl Acetate	ND	320	324	
c-1,2-Dichloroethene	ND	160	324		Vinyl Chloride	ND	160	324	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/18/05
Work Order No: 05-08-1328
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP03-081805	**05-08-1328-5**	**08/18/05**	**Air**	**N/A**	**08/23/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	460	30	29.9		t-1,2-Dichloroethene	350	15	29.9	
Benzene	95	15	29.9		t-1,3-Dichloropropene	ND	30	29.9	
Benzyl Chloride	ND	30	29.9		Ethylbenzene	ND	15	29.9	
Bromodichloromethane	ND	15	29.9		4-Ethyltoluene	ND	15	29.9	
Bromoform	ND	15	29.9		Hexachloro-1,3-Butadiene	ND	30	29.9	
Bromomethane	ND	15	29.9		2-Hexanone	ND	30	29.9	
2-Butanone	ND	30	29.9		Methyl-t-Butyl Ether (MTBE)	ND	60	29.9	
Carbon Disulfide	190	15	29.9		Methylene Chloride	770	60	29.9	
Carbon Tetrachloride	ND	15	29.9		4-Methyl-2-Pentanone	ND	30	29.9	
Chlorobenzene	ND	15	29.9		o-Xylene	ND	15	29.9	
Chloroethane	ND	15	29.9		p/m-Xylene	ND	30	29.9	
Chloroform	1100	15	29.9		Styrene	ND	30	29.9	
Chloromethane	ND	15	29.9		Tetrachloroethene	5300	300	599	
Dibromochloromethane	ND	15	29.9		Toluene	15	15	29.9	
Dichlorodifluoromethane	ND	15	29.9		Trichloroethene	1300	15	29.9	
1,1-Dichloroethane	730	15	29.9		Trichlorofluoromethane	2000	600	599	
1,1-Dichloroethene	13000	300	599		1,1,2-Trichloro-1,2,2-Trifluoroethane	7200	600	599	
1,2-Dibromoethane	ND	15	29.9		1,1,1-Trichloroethane	350	15	29.9	
Dichlorotetrafluoroethane	ND	60	29.9		1,1,2-Trichloroethane	ND	15	29.9	
1,2-Dichlorobenzene	ND	15	29.9		1,1,1,2-Tetrachloroethane	ND	15	29.9	
1,2-Dichloroethane	55	15	29.9		1,3,5-Trimethylbenzene	ND	15	29.9	
1,2-Dichloropropane	ND	15	29.9		1,1,2,2-Tetrachloroethane	ND	30	29.9	
1,3-Dichlorobenzene	ND	15	29.9		1,2,4-Trimethylbenzene	ND	30	29.9	
1,4-Dichlorobenzene	ND	15	29.9		1,2,4-Trichlorobenzene	ND	30	29.9	
c-1,3-Dichloropropene	ND	15	29.9		Vinyl Acetate	ND	30	29.9	
c-1,2-Dichloroethene	ND	15	29.9		Vinyl Chloride	ND	15	29.9	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/18/05
18581 Teller Avenue		Work Order No:	05-08-1328
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 6 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050-VP03-081805	**05-08-1328-6**	**08/18/05**	**Air**	**N/A**	**08/23/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	32	32.4		t-1,2-Dichloroethene	380	16	32.4	
Benzene	110	16	32.4		t-1,3-Dichloropropene	ND	32	32.4	
Benzyl Chloride	ND	32	32.4		Ethylbenzene	ND	16	32.4	
Bromodichloromethane	ND	16	32.4		4-Ethyltoluene	ND	16	32.4	
Bromoform	ND	16	32.4		Hexachloro-1,3-Butadiene	ND	32	32.4	
Bromomethane	ND	16	32.4		2-Hexanone	ND	32	32.4	
2-Butanone	ND	32	32.4		Methyl-t-Butyl Ether (MTBE)	ND	65	32.4	
Carbon Disulfide	110	16	32.4		Methylene Chloride	2800	1300	648	
Carbon Tetrachloride	ND	16	32.4		4-Methyl-2-Pentanone	ND	32	32.4	
Chlorobenzene	ND	16	32.4		o-Xylene	ND	16	32.4	
Chloroethane	ND	16	32.4		p/m-Xylene	ND	32	32.4	
Chloroform	1400	16	32.4		Styrene	ND	32	32.4	
Chloromethane	ND	16	32.4		Tetrachloroethene	6900	320	648	
Dibromochloromethane	ND	16	32.4		Toluene	20	16	32.4	
Dichlorodifluoromethane	ND	16	32.4		Trichloroethene	960	320	648	
1,1-Dichloroethane	990	16	32.4		Trichlorofluoromethane	3100	650	648	
1,1-Dichloroethene	14000	320	648		1,1,2-Trichloro-1,2,2-Trifluoroethane	8100	650	648	
1,2-Dibromoethane	ND	16	32.4		1,1,1-Trichloroethane	520	16	32.4	
Dichlorotetrafluoroethane	ND	65	32.4		1,1,2-Trichloroethane	ND	16	32.4	
1,2-Dichlorobenzene	ND	16	32.4		1,1,1,2-Tetrachloroethane	ND	16	32.4	
1,2-Dichloroethane	69	16	32.4		1,3,5-Trimethylbenzene	ND	16	32.4	
1,2-Dichloropropane	ND	16	32.4		1,1,2,2-Tetrachloroethane	ND	32	32.4	
1,3-Dichlorobenzene	ND	16	32.4		1,2,4-Trimethylbenzene	ND	32	32.4	
1,4-Dichlorobenzene	ND	16	32.4		1,2,4-Trichlorobenzene	ND	32	32.4	
c-1,3-Dichloropropene	ND	16	32.4		Vinyl Acetate	ND	32	32.4	
c-1,2-Dichloroethene	16	16	32.4		Vinyl Chloride	ND	16	32.4	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/18/05
18581 Teller Avenue		Work Order No:	05-08-1328
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 7 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP12-081805	**05-08-1328-7**	**08/18/05**	**Air**	**N/A**	**08/24/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	630	60	60.4		t-1,2-Dichloroethene	ND	30	60.4	
Benzene	46	30	60.4		t-1,3-Dichloropropene	ND	60	60.4	
Benzyl Chloride	ND	60	60.4		Ethylbenzene	ND	30	60.4	
Bromodichloromethane	ND	30	60.4		4-Ethyltoluene	ND	30	60.4	
Bromoform	ND	30	60.4		Hexachloro-1,3-Butadiene	ND	60	60.4	
Bromomethane	ND	30	60.4		2-Hexanone	ND	60	60.4	
2-Butanone	ND	60	60.4		Methyl-t-Butyl Ether (MTBE)	ND	120	60.4	
Carbon Disulfide	290	30	60.4		Methylene Chloride	ND	120	60.4	
Carbon Tetrachloride	ND	30	60.4		4-Methyl-2-Pentanone	ND	60	60.4	
Chlorobenzene	ND	30	60.4		o-Xylene	ND	30	60.4	
Chloroethane	ND	30	60.4		p/m-Xylene	ND	60	60.4	
Chloroform	1000	30	60.4		Styrene	ND	60	60.4	
Chloromethane	ND	30	60.4		Tetrachloroethene	2000	610	1210	
Dibromochloromethane	ND	30	60.4		Toluene	50	30	60.4	
Dichlorodifluoromethane	ND	30	60.4		Trichloroethene	350	30	60.4	
1,1-Dichloroethane	1900	30	60.4		Trichlorofluoromethane	9400	1200	1210	
1,1-Dichloroethene	23000	610	1210		1,1,2-Trichloro-1,2,2-Trifluoroethane	40000	1200	1210	
1,2-Dibromoethane	ND	30	60.4		1,1,1-Trichloroethane	1500	30	60.4	
Dichlorotetrafluoroethane	ND	120	60.4		1,1,2-Trichloroethane	ND	30	60.4	
1,2-Dichlorobenzene	ND	30	60.4		1,1,1,2-Tetrachloroethane	ND	30	60.4	
1,2-Dichloroethane	64	30	60.4		1,3,5-Trimethylbenzene	ND	30	60.4	
1,2-Dichloropropane	ND	30	60.4		1,1,2,2-Tetrachloroethane	ND	60	60.4	
1,3-Dichlorobenzene	ND	30	60.4		1,2,4-Trimethylbenzene	ND	60	60.4	
1,4-Dichlorobenzene	ND	30	60.4		1,2,4-Trichlorobenzene	ND	60	60.4	
c-1,3-Dichloropropene	ND	30	60.4		Vinyl Acetate	ND	60	60.4	
c-1,2-Dichloroethene	160	30	60.4		Vinyl Chloride	ND	30	60.4	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/18/05
18581 Teller Avenue		Work Order No:	05-08-1328
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-TB04-081805	**05-08-1328-8**	**08/18/05**	**Air**	**N/A**	**08/24/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	1.1	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/18/05
18581 Teller Avenue		Work Order No:	05-08-1328
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012K-VP03-081805	**05-08-1328-9**	**08/18/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	6000	480	480		t-1,2-Dichloroethene	1900	240	480	
Benzene	370	240	480		t-1,3-Dichloropropene	ND	480	480	
Benzyl Chloride	ND	480	480		Ethylbenzene	ND	240	480	
Bromodichloromethane	ND	240	480		4-Ethyltoluene	ND	240	480	
Bromoform	ND	240	480		Hexachloro-1,3-Butadiene	ND	480	480	
Bromomethane	ND	240	480		2-Hexanone	ND	480	480	
2-Butanone	ND	480	480		Methyl-t-Butyl Ether (MTBE)	ND	960	480	
Carbon Disulfide	5000	240	480		Methylene Chloride	1600	960	480	
Carbon Tetrachloride	ND	240	480		4-Methyl-2-Pentanone	ND	480	480	
Chlorobenzene	ND	240	480		o-Xylene	ND	240	480	
Chloroethane	ND	240	480		p/m-Xylene	ND	480	480	
Chloroform	3800	240	480		Styrene	ND	480	480	
Chloromethane	ND	240	480		Tetrachloroethene	160000	4800	9600	
Dibromochloromethane	ND	240	480		Toluene	ND	240	480	
Dichlorodifluoromethane	ND	240	480		Trichloroethene	19000	240	480	
1,1-Dichloroethane	6600	240	480		Trichlorofluoromethane	18000	480	480	
1,1-Dichloroethene	79000	4800	9600		1,1,2-Trichloro-1,2,2-Trifluoroethane	50000	9600	9600	
1,2-Dibromoethane	ND	240	480		1,1,1-Trichloroethane	10000	240	480	
Dichlorotetrafluoroethane	ND	960	480		1,1,2-Trichloroethane	ND	240	480	
1,2-Dichlorobenzene	ND	240	480		1,1,1,2-Tetrachloroethane	ND	240	480	
1,2-Dichloroethane	310	240	480		1,3,5-Trimethylbenzene	ND	240	480	
1,2-Dichloropropane	ND	240	480		1,1,2,2-Tetrachloroethane	ND	480	480	
1,3-Dichlorobenzene	ND	240	480		1,2,4-Trimethylbenzene	ND	480	480	
1,4-Dichlorobenzene	ND	240	480		1,2,4-Trichlorobenzene	ND	480	480	
c-1,3-Dichloropropene	ND	240	480		Vinyl Acetate	ND	480	480	
c-1,2-Dichloroethene	ND	240	480		Vinyl Chloride	ND	240	480	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/18/05
Work Order No: 05-08-1328
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,242**	**N/A**	**Air**	**N/A**	**08/23/05**	**050823L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/18/05
18581 Teller Avenue		Work Order No:	05-08-1328
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 11 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,243**	**N/A**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA TO-15 Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	RT	On Column Conc. ppbv	Estimated Conc. ppbv
05-08-1328	1	OC-SG-006-VP03-081805		Isobutane		Not found	
05-08-1328	2	OC-SG-012-VP03-081805		Isobutane		Not found	
05-08-1328	3	OC-SG-018-VP03-081805		Isobutane		Not found	
05-08-1328	4	OC-SG-024-VP03-081805		Isobutane		Not found	
05-08-1328	5	OC-SG-040-VP03-081805		Isobutane		Not found	
05-08-1328	6	OC-SG-050-VP03-081805		Isobutane		Not found	
05-08-1328	7	OC-SG-040-VP12-081805		Isobutane		Not found	
05-08-1328	8	OC-SG-TB04-081805		Isobutane		Not found	
05-08-1328	9	OC-SG-012K-VP03-081805		Isobutane		Not found	

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1328
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,243	**Air**	**GC/MS K**	**N/A**	**08/24/05**	**050824L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	93	61-121	1	0-37	
Bromoform	91	86	62-134	6	0-38	
Carbon Tetrachloride	100	96	56-128	4	0-42	
1,2-Dibromoethane	87	84	63-123	4	0-38	
1,2-Dichlorobenzene	86	81	41-149	6	0-62	
1,2-Dichloroethane	102	96	63-123	6	0-37	
1,2-Dichloropropane	99	99	61-121	1	0-37	
1,4-Dichlorobenzene	87	81	51-147	7	0-49	
c-1,3-Dichloropropene	104	103	62-128	1	0-37	
Ethylbenzene	92	87	61-127	5	0-38	
o-Xylene	90	86	58-130	5	0-38	
p/m-Xylene	90	85	57-129	6	0-39	
Tetrachloroethene	90	87	59-119	4	0-40	
Toluene	88	86	60-120	3	0-39	
Trichloroethene	99	98	65-119	1	0-38	
1,1,2-Trichloroethane	100	98	64-124	2	0-37	
Vinyl Chloride	107	107	58-124	1	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1328
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,242	**Air**	**GC/MS K**	**N/A**	**08/23/05**	**050823L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	96	61-121	4	0-37	
Bromoform	88	91	62-134	4	0-38	
Carbon Tetrachloride	94	96	56-128	3	0-42	
1,2-Dibromoethane	86	91	63-123	6	0-38	
1,2-Dichlorobenzene	80	81	41-149	1	0-62	
1,2-Dichloroethane	94	95	63-123	1	0-37	
1,2-Dichloropropane	96	99	61-121	3	0-37	
1,4-Dichlorobenzene	83	83	51-147	1	0-49	
c-1,3-Dichloropropene	103	105	62-128	2	0-37	
Ethylbenzene	91	94	61-127	4	0-38	
o-Xylene	88	91	58-130	3	0-38	
p/m-Xylene	88	90	57-129	3	0-39	
Tetrachloroethene	90	94	59-119	5	0-40	
Toluene	88	94	60-120	7	0-39	
Trichloroethene	97	99	65-119	2	0-38	
1,1,2-Trichloroethane	98	100	64-124	2	0-37	
Vinyl Chloride	100	102	58-124	2	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-08-1328

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/18/05

Page #1 of #2

LABORATORY CLIENT: CDM, Inc
ADDRESS: 18581 Teller Ave., Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☒ Normal ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐
SPECIAL INSTRUCTIONS: Isobutane is the leak detection gas that was used.

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Sanderson
COELT LOG CODE
P.O. NO.:
LAB USE ONLY 08-1328
COOLER RECEIPT TEMP = °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	Acetone, Freon 11,12	Freon 13, THCs			Field PID Readings
	OC-SG-006-VP03-081805		8/18/05	1607	Air	1												✓		✓	✓			✓ 60.1
	OC-SG-012-VP03-081805			1542														✓		✓	✓			✓ 103.7
	OC-SG-018-VP03-081805			1529														✓		✓	✓			✓ 288
	OC-SG-024-VP03-081805			1518														✓		✓	✓			✓ 98.4
	OC-SG-040-VP03-081805			1504														✓		✓	✓			✓ 27.4
	OC-SG-050-VP03-081805			1452														✓		✓	✓			✓ 28.3
	~~OC-SG-060-VP03-081805~~																	✓		✓	✓			✓
	~~OC-SG-070-VP03-081805~~																	✓		✓	✓			✓
	OC-SG-040-VP12-081805		8/18/05	1348	Air	1												✓		✓	✓			✓
	OC-SG-TB04-081805				Air	1												✓		✓	✓			✓

Relinquished by: (Signature) Scott A. Sanderson	Received by: (Signature)	Date: 08-18-05	Time: 17:00
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature) Sharon Fong GBC	Date: 08-18-05	Time: 17:48

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

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CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/18/05

Page 2 of 2

LABORATORY CLIENT: CDM, Inc.
ADDRESS: 18581 Teller Ave., Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ Normal ☐ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐
SPECIAL INSTRUCTIONS: Isobutane is the leak detection gas that was used.

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Sanderson
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 05-1328
COOLER RECEIPT TEMP = °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	Acetone, Freon 11, 12	Freon 13, TICs			Field PID Readings
	OC-SG-012K-VP03-081805		8/18/05	1549	Air	1												✓		✓	✓			

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Scott A Sanderson	CEL	08-18-05	17:00
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature)	Date:	Time:
	Sharon Wallin CEL	08-18-05	1748

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 08 - 1328

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: CDM. **DATE:** 08-18-05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
✓ Ambient temperature. Summa
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: VB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: VB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: VB

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

August 26, 2005

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 05-08-1388**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/19/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP01-081905	**05-08-1388-1**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2800	550	546		t-1,2-Dichloroethene	2100	270	546	
Benzene	ND	270	546		t-1,3-Dichloropropene	ND	550	546	
Benzyl Chloride	ND	550	546		Ethylbenzene	ND	270	546	
Bromodichloromethane	ND	270	546		4-Ethyltoluene	ND	270	546	
Bromoform	ND	270	546		Hexachloro-1,3-Butadiene	ND	550	546	
Bromomethane	ND	270	546		2-Hexanone	ND	550	546	
2-Butanone	ND	550	546		Methyl-t-Butyl Ether (MTBE)	ND	1100	546	
Carbon Disulfide	2900	270	546		Methylene Chloride	ND	1100	546	
Carbon Tetrachloride	ND	270	546		4-Methyl-2-Pentanone	ND	550	546	
Chlorobenzene	ND	270	546		o-Xylene	ND	270	546	
Chloroethane	ND	270	546		p/m-Xylene	ND	550	546	
Chloroform	840	270	546		Styrene	ND	550	546	
Chloromethane	ND	270	546		Tetrachloroethene	170000	5500	10900	
Dibromochloromethane	ND	270	546		Toluene	ND	270	546	
Dichlorodifluoromethane	ND	270	546		Trichloroethene	84000	5500	10900	
1,1-Dichloroethane	560	270	546		Trichlorofluoromethane	63000	11000	10900	
1,1-Dichloroethene	250000	5500	10900		1,1,2-Trichloro-1,2,2-Trifluoroethane	110000	11000	10900	
1,2-Dibromoethane	ND	270	546		1,1,1-Trichloroethane	360	270	546	
Dichlorotetrafluoroethane	ND	1100	546		1,1,2-Trichloroethane	ND	270	546	
1,2-Dichlorobenzene	ND	270	546		1,1,1,2-Tetrachloroethane	ND	270	546	
1,2-Dichloroethane	ND	270	546		1,3,5-Trimethylbenzene	ND	270	546	
1,2-Dichloropropane	ND	270	546		1,1,2,2-Tetrachloroethane	ND	550	546	
1,3-Dichlorobenzene	ND	270	546		1,2,4-Trimethylbenzene	ND	550	546	
1,4-Dichlorobenzene	ND	270	546		1,2,4-Trichlorobenzene	ND	550	546	
c-1,3-Dichloropropene	ND	270	546		Vinyl Acetate	ND	550	546	
c-1,2-Dichloroethene	ND	270	546		Vinyl Chloride	ND	270	546	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/19/05
18581 Teller Avenue		Work Order No:	05-08-1388
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 2 of 21

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP01-081905	**05-08-1388-2**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1400	320	324		t-1,2-Dichloroethene	1100	160	324	
Benzene	ND	160	324		t-1,3-Dichloropropene	ND	320	324	
Benzyl Chloride	ND	320	324		Ethylbenzene	ND	160	324	
Bromodichloromethane	ND	160	324		4-Ethyltoluene	ND	160	324	
Bromoform	ND	160	324		Hexachloro-1,3-Butadiene	ND	320	324	
Bromomethane	ND	160	324		2-Hexanone	ND	320	324	
2-Butanone	ND	320	324		Methyl-t-Butyl Ether (MTBE)	ND	650	324	
Carbon Disulfide	1100	160	324		Methylene Chloride	ND	650	324	
Carbon Tetrachloride	ND	160	324		4-Methyl-2-Pentanone	ND	320	324	
Chlorobenzene	ND	160	324		o-Xylene	ND	160	324	
Chloroethane	ND	160	324		p/m-Xylene	ND	320	324	
Chloroform	560	160	324		Styrene	ND	320	324	
Chloromethane	ND	160	324		Tetrachloroethene	24000	3200	6480	
Dibromochloromethane	ND	160	324		Toluene	180	160	324	
Dichlorodifluoromethane	ND	160	324		Trichloroethene	29000	3200	6480	
1,1-Dichloroethane	460	160	324		Trichlorofluoromethane	71000	6500	6480	
1,1-Dichloroethene	240000	3200	6480		1,1,2-Trichloro-1,2,2-Trifluoroethane	120000	6500	6480	
1,2-Dibromoethane	ND	160	324		1,1,1-Trichloroethane	210	160	324	
Dichlorotetrafluoroethane	ND	650	324		1,1,2-Trichloroethane	ND	160	324	
1,2-Dichlorobenzene	ND	160	324		1,1,1,2-Tetrachloroethane	ND	160	324	
1,2-Dichloroethane	ND	160	324		1,3,5-Trimethylbenzene	ND	160	324	
1,2-Dichloropropane	ND	160	324		1,1,2,2-Tetrachloroethane	ND	320	324	
1,3-Dichlorobenzene	ND	160	324		1,2,4-Trimethylbenzene	ND	320	324	
1,4-Dichlorobenzene	ND	160	324		1,2,4-Trichlorobenzene	ND	320	324	
c-1,3-Dichloropropene	ND	160	324		Vinyl Acetate	ND	320	324	
c-1,2-Dichloroethene	ND	160	324		Vinyl Chloride	ND	160	324	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP01-081905	**05-08-1388-3**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1400	390	388		t-1,2-Dichloroethene	1400	190	388	
Benzene	ND	190	388		t-1,3-Dichloropropene	ND	390	388	
Benzyl Chloride	ND	390	388		Ethylbenzene	ND	190	388	
Bromodichloromethane	ND	190	388		4-Ethyltoluene	ND	190	388	
Bromoform	ND	190	388		Hexachloro-1,3-Butadiene	ND	390	388	
Bromomethane	ND	190	388		2-Hexanone	ND	390	388	
2-Butanone	ND	390	388		Methyl-t-Butyl Ether (MTBE)	ND	780	388	
Carbon Disulfide	1300	190	388		Methylene Chloride	ND	780	388	
Carbon Tetrachloride	ND	190	388		4-Methyl-2-Pentanone	ND	390	388	
Chlorobenzene	ND	190	388		o-Xylene	ND	190	388	
Chloroethane	ND	190	388		p/m-Xylene	ND	390	388	
Chloroform	630	190	388		Styrene	ND	390	388	
Chloromethane	ND	190	388		Tetrachloroethene	27000	3900	7750	
Dibromochloromethane	ND	190	388		Toluene	ND	190	388	
Dichlorodifluoromethane	ND	190	388		Trichloroethene	36000	3900	7750	
1,1-Dichloroethane	600	190	388		Trichlorofluoromethane	73000	7800	7750	
1,1-Dichloroethene	280000	3900	7750		1,1,2-Trichloro-1,2,2-Trifluoroethane	130000	7800	7750	
1,2-Dibromoethane	ND	190	388		1,1,1-Trichloroethane	300	190	388	
Dichlorotetrafluoroethane	ND	780	388		1,1,2-Trichloroethane	ND	190	388	
1,2-Dichlorobenzene	ND	190	388		1,1,1,2-Tetrachloroethane	ND	190	388	
1,2-Dichloroethane	ND	190	388		1,3,5-Trimethylbenzene	ND	190	388	
1,2-Dichloropropane	ND	190	388		1,1,2,2-Tetrachloroethane	ND	390	388	
1,3-Dichlorobenzene	ND	190	388		1,2,4-Trimethylbenzene	ND	390	388	
1,4-Dichlorobenzene	ND	190	388		1,2,4-Trichlorobenzene	ND	390	388	
c-1,3-Dichloropropene	ND	190	388		Vinyl Acetate	ND	390	388	
c-1,2-Dichloroethene	ND	190	388		Vinyl Chloride	ND	190	388	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP01-081905	**05-08-1388-4**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1900	450	453		t-1,2-Dichloroethene	2100	230	453	
Benzene	ND	230	453		t-1,3-Dichloropropene	ND	450	453	
Benzyl Chloride	ND	450	453		Ethylbenzene	ND	230	453	
Bromodichloromethane	ND	230	453		4-Ethyltoluene	ND	230	453	
Bromoform	ND	230	453		Hexachloro-1,3-Butadiene	ND	450	453	
Bromomethane	ND	230	453		2-Hexanone	ND	450	453	
2-Butanone	ND	450	453		Methyl-t-Butyl Ether (MTBE)	ND	910	453	
Carbon Disulfide	1400	230	453		Methylene Chloride	ND	910	453	
Carbon Tetrachloride	ND	230	453		4-Methyl-2-Pentanone	ND	450	453	
Chlorobenzene	ND	230	453		o-Xylene	ND	230	453	
Chloroethane	ND	230	453		p/m-Xylene	ND	450	453	
Chloroform	860	230	453		Styrene	ND	450	453	
Chloromethane	ND	230	453		Tetrachloroethene	48000	4500	9060	
Dibromochloromethane	ND	230	453		Toluene	ND	230	453	
Dichlorodifluoromethane	ND	230	453		Trichloroethene	52000	4500	9060	
1,1-Dichloroethane	880	230	453		Trichlorofluoromethane	81000	9100	9060	
1,1-Dichloroethene	340000	4500	9060		1,1,2-Trichloro-1,2,2-Trifluoroethane	140000	9100	9060	
1,2-Dibromoethane	ND	230	453		1,1,1-Trichloroethane	420	230	453	
Dichlorotetrafluoroethane	ND	910	453		1,1,2-Trichloroethane	ND	230	453	
1,2-Dichlorobenzene	ND	230	453		1,1,1,2-Tetrachloroethane	ND	230	453	
1,2-Dichloroethane	ND	230	453		1,3,5-Trimethylbenzene	ND	230	453	
1,2-Dichloropropane	ND	230	453		1,1,2,2-Tetrachloroethane	ND	450	453	
1,3-Dichlorobenzene	ND	230	453		1,2,4-Trimethylbenzene	ND	450	453	
1,4-Dichlorobenzene	ND	230	453		1,2,4-Trichlorobenzene	ND	450	453	
c-1,3-Dichloropropene	ND	230	453		Vinyl Acetate	ND	450	453	
c-1,2-Dichloroethene	ND	230	453		Vinyl Chloride	ND	230	453	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP01-081905	**05-08-1388-5**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1400	340	340		t-1,2-Dichloroethene	1700	170	340	
Benzene	ND	170	340		t-1,3-Dichloropropene	ND	340	340	
Benzyl Chloride	ND	340	340		Ethylbenzene	ND	170	340	
Bromodichloromethane	ND	170	340		4-Ethyltoluene	ND	170	340	
Bromoform	ND	170	340		Hexachloro-1,3-Butadiene	ND	340	340	
Bromomethane	ND	170	340		2-Hexanone	ND	340	340	
2-Butanone	ND	340	340		Methyl-t-Butyl Ether (MTBE)	ND	680	340	
Carbon Disulfide	1100	170	340		Methylene Chloride	ND	680	340	
Carbon Tetrachloride	ND	170	340		4-Methyl-2-Pentanone	ND	340	340	
Chlorobenzene	ND	170	340		o-Xylene	ND	170	340	
Chloroethane	ND	170	340		p/m-Xylene	ND	340	340	
Chloroform	320	170	340		Styrene	ND	340	340	
Chloromethane	ND	170	340		Tetrachloroethene	7100	170	340	
Dibromochloromethane	ND	170	340		Toluene	ND	170	340	
Dichlorodifluoromethane	ND	170	340		Trichloroethene	13000	170	340	
1,1-Dichloroethane	340	170	340		Trichlorofluoromethane	64000	6800	6800	
1,1-Dichloroethene	240000	3400	6800		1,1,2-Trichloro-1,2,2-Trifluoroethane	100000	6800	6800	
1,2-Dibromoethane	ND	170	340		1,1,1-Trichloroethane	210	170	340	
Dichlorotetrafluoroethane	ND	680	340		1,1,2-Trichloroethane	ND	170	340	
1,2-Dichlorobenzene	ND	170	340		1,1,1,2-Tetrachloroethane	ND	170	340	
1,2-Dichloroethane	ND	170	340		1,3,5-Trimethylbenzene	ND	170	340	
1,2-Dichloropropane	ND	170	340		1,1,2,2-Tetrachloroethane	ND	340	340	
1,3-Dichlorobenzene	ND	170	340		1,2,4-Trimethylbenzene	ND	340	340	
1,4-Dichlorobenzene	ND	170	340		1,2,4-Trichlorobenzene	ND	340	340	
c-1,3-Dichloropropene	ND	170	340		Vinyl Acetate	ND	340	340	
c-1,2-Dichloroethene	ND	170	340		Vinyl Chloride	ND	170	340	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/19/05
18581 Teller Avenue		Work Order No:	05-08-1388
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 6 of 21

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050-VP01-081905	**05-08-1388-6**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1400	320	324		t-1,2-Dichloroethene	1200	160	324	
Benzene	ND	160	324		t-1,3-Dichloropropene	ND	320	324	
Benzyl Chloride	ND	320	324		Ethylbenzene	ND	160	324	
Bromodichloromethane	ND	160	324		4-Ethyltoluene	ND	160	324	
Bromoform	ND	160	324		Hexachloro-1,3-Butadiene	ND	320	324	
Bromomethane	ND	160	324		2-Hexanone	ND	320	324	
2-Butanone	ND	320	324		Methyl-t-Butyl Ether (MTBE)	ND	650	324	
Carbon Disulfide	1000	160	324		Methylene Chloride	ND	650	324	
Carbon Tetrachloride	ND	160	324		4-Methyl-2-Pentanone	ND	320	324	
Chlorobenzene	ND	160	324		o-Xylene	ND	160	324	
Chloroethane	ND	160	324		p/m-Xylene	ND	320	324	
Chloroform	260	160	324		Styrene	ND	320	324	
Chloromethane	ND	160	324		Tetrachloroethene	8100	160	324	
Dibromochloromethane	ND	160	324		Toluene	ND	160	324	
Dichlorodifluoromethane	ND	160	324		Trichloroethene	11000	160	324	
1,1-Dichloroethane	300	160	324		Trichlorofluoromethane	54000	6500	6480	
1,1-Dichloroethene	180000	3200	6480		1,1,2-Trichloro-1,2,2-Trifluoroethane	93000	6500	6480	
1,2-Dibromoethane	ND	160	324		1,1,1-Trichloroethane	170	160	324	
Dichlorotetrafluoroethane	ND	650	324		1,1,2-Trichloroethane	ND	160	324	
1,2-Dichlorobenzene	ND	160	324		1,1,1,2-Tetrachloroethane	ND	160	324	
1,2-Dichloroethane	ND	160	324		1,3,5-Trimethylbenzene	ND	160	324	
1,2-Dichloropropane	ND	160	324		1,1,2,2-Tetrachloroethane	ND	320	324	
1,3-Dichlorobenzene	ND	160	324		1,2,4-Trimethylbenzene	ND	320	324	
1,4-Dichlorobenzene	ND	160	324		1,2,4-Trichlorobenzene	ND	320	324	
c-1,3-Dichloropropene	ND	160	324		Vinyl Acetate	ND	320	324	
c-1,2-Dichloroethene	ND	160	324		Vinyl Chloride	ND	160	324	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/19/05
18581 Teller Avenue		Work Order No:	05-08-1388
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 7 of 21

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060-VP01-081905	**05-08-1388-7**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1700	410	405		t-1,2-Dichloroethene	2000	200	405	
Benzene	ND	200	405		t-1,3-Dichloropropene	ND	410	405	
Benzyl Chloride	ND	410	405		Ethylbenzene	ND	200	405	
Bromodichloromethane	ND	200	405		4-Ethyltoluene	ND	200	405	
Bromoform	ND	200	405		Hexachloro-1,3-Butadiene	ND	410	405	
Bromomethane	ND	200	405		2-Hexanone	ND	410	405	
2-Butanone	ND	410	405		Methyl-t-Butyl Ether (MTBE)	ND	810	405	
Carbon Disulfide	1100	200	405		Methylene Chloride	ND	810	405	
Carbon Tetrachloride	ND	200	405		4-Methyl-2-Pentanone	ND	410	405	
Chlorobenzene	ND	200	405		o-Xylene	ND	200	405	
Chloroethane	ND	200	405		p/m-Xylene	ND	410	405	
Chloroform	460	200	405		Styrene	ND	410	405	
Chloromethane	ND	200	405		Tetrachloroethene	24000	4100	8100	
Dibromochloromethane	ND	200	405		Toluene	ND	200	405	
Dichlorodifluoromethane	ND	200	405		Trichloroethene	26000	4100	8100	
1,1-Dichloroethane	690	200	405		Trichlorofluoromethane	95000	8100	8100	
1,1-Dichloroethene	360000	4100	8100		1,1,2-Trichloro-1,2,2-Trifluoroethane	170000	8100	8100	
1,2-Dibromoethane	ND	200	405		1,1,1-Trichloroethane	360	200	405	
Dichlorotetrafluoroethane	ND	810	405		1,1,2-Trichloroethane	ND	200	405	
1,2-Dichlorobenzene	ND	200	405		1,1,1,2-Tetrachloroethane	ND	200	405	
1,2-Dichloroethane	ND	200	405		1,3,5-Trimethylbenzene	ND	200	405	
1,2-Dichloropropane	ND	200	405		1,1,2,2-Tetrachloroethane	ND	410	405	
1,3-Dichlorobenzene	ND	200	405		1,2,4-Trimethylbenzene	ND	410	405	
1,4-Dichlorobenzene	ND	200	405		1,2,4-Trichlorobenzene	ND	410	405	
c-1,3-Dichloropropene	ND	200	405		Vinyl Acetate	ND	410	405	
c-1,2-Dichloroethene	ND	200	405		Vinyl Chloride	ND	200	405	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070-VP01-081905	**05-08-1388-8**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2200	500	501		t-1,2-Dichloroethene	2000	250	501	
Benzene	ND	250	501		t-1,3-Dichloropropene	ND	500	501	
Benzyl Chloride	ND	500	501		Ethylbenzene	ND	250	501	
Bromodichloromethane	ND	250	501		4-Ethyltoluene	ND	250	501	
Bromoform	ND	250	501		Hexachloro-1,3-Butadiene	ND	500	501	
Bromomethane	ND	250	501		2-Hexanone	ND	500	501	
2-Butanone	ND	500	501		Methyl-t-Butyl Ether (MTBE)	ND	1000	501	
Carbon Disulfide	1400	250	501		Methylene Chloride	ND	1000	501	
Carbon Tetrachloride	ND	250	501		4-Methyl-2-Pentanone	ND	500	501	
Chlorobenzene	ND	250	501		o-Xylene	ND	250	501	
Chloroethane	ND	250	501		p/m-Xylene	ND	500	501	
Chloroform	430	250	501		Styrene	ND	500	501	
Chloromethane	ND	250	501		Tetrachloroethene	29000	5000	10000	
Dibromochloromethane	ND	250	501		Toluene	ND	250	501	
Dichlorodifluoromethane	ND	250	501		Trichloroethene	30000	5000	10000	
1,1-Dichloroethane	650	250	501		Trichlorofluoromethane	69000	10000	10000	
1,1-Dichloroethene	270000	5000	10000		1,1,2-Trichloro-1,2,2-Trifluoroethane	130000	10000	10000	
1,2-Dibromoethane	ND	250	501		1,1,1-Trichloroethane	320	250	501	
Dichlorotetrafluoroethane	ND	1000	501		1,1,2-Trichloroethane	ND	250	501	
1,2-Dichlorobenzene	ND	250	501		1,1,1,2-Tetrachloroethane	ND	250	501	
1,2-Dichloroethane	ND	250	501		1,3,5-Trimethylbenzene	ND	250	501	
1,2-Dichloropropane	ND	250	501		1,1,2,2-Tetrachloroethane	ND	500	501	
1,3-Dichlorobenzene	ND	250	501		1,2,4-Trimethylbenzene	ND	500	501	
1,4-Dichlorobenzene	ND	250	501		1,2,4-Trichlorobenzene	ND	500	501	
c-1,3-Dichloropropene	ND	250	501		Vinyl Acetate	ND	500	501	
c-1,2-Dichloroethene	ND	250	501		Vinyl Chloride	ND	250	501	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070K-VP01-081905	**05-08-1388-9**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1500	360	360		t-1,2-Dichloroethene	1900	180	360	
Benzene	ND	180	360		t-1,3-Dichloropropene	ND	360	360	
Benzyl Chloride	ND	360	360		Ethylbenzene	ND	180	360	
Bromodichloromethane	ND	180	360		4-Ethyltoluene	ND	180	360	
Bromoform	ND	180	360		Hexachloro-1,3-Butadiene	ND	360	360	
Bromomethane	ND	180	360		2-Hexanone	ND	360	360	
2-Butanone	ND	360	360		Methyl-t-Butyl Ether (MTBE)	ND	720	360	
Carbon Disulfide	910	180	360		Methylene Chloride	ND	720	360	
Carbon Tetrachloride	ND	180	360		4-Methyl-2-Pentanone	ND	360	360	
Chlorobenzene	ND	180	360		o-Xylene	ND	180	360	
Chloroethane	ND	180	360		p/m-Xylene	ND	360	360	
Chloroform	420	180	360		Styrene	ND	360	360	
Chloromethane	ND	180	360		Tetrachloroethene	18000	3600	7200	
Dibromochloromethane	ND	180	360		Toluene	ND	180	360	
Dichlorodifluoromethane	ND	180	360		Trichloroethene	28000	3600	7200	
1,1-Dichloroethane	630	180	360		Trichlorofluoromethane	66000	7200	7200	
1,1-Dichloroethene	260000	3600	7200		1,1,2-Trichloro-1,2,2-Trifluoroethane	120000	7200	7200	
1,2-Dibromoethane	ND	180	360		1,1,1-Trichloroethane	300	180	360	
Dichlorotetrafluoroethane	ND	720	360		1,1,2-Trichloroethane	ND	180	360	
1,2-Dichlorobenzene	ND	180	360		1,1,1,2-Tetrachloroethane	ND	180	360	
1,2-Dichloroethane	ND	180	360		1,3,5-Trimethylbenzene	ND	180	360	
1,2-Dichloropropane	ND	180	360		1,1,2,2-Tetrachloroethane	ND	360	360	
1,3-Dichlorobenzene	ND	180	360		1,2,4-Trimethylbenzene	ND	360	360	
1,4-Dichlorobenzene	ND	180	360		1,2,4-Trichlorobenzene	ND	360	360	
c-1,3-Dichloropropene	ND	180	360		Vinyl Acetate	ND	360	360	
c-1,2-Dichloroethene	ND	180	360		Vinyl Chloride	ND	180	360	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	08/19/05
18581 Teller Avenue		Work Order No:	05-08-1388
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-TB05-081905	**05-08-1388-10**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070-VP03-081905	**05-08-1388-11**	**08/19/05**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2100	360	362		t-1,2-Dichloroethene	3500	180	362	
Benzene	480	180	362		t-1,3-Dichloropropene	ND	360	362	
Benzyl Chloride	ND	360	362		Ethylbenzene	ND	180	362	
Bromodichloromethane	ND	180	362		4-Ethyltoluene	ND	180	362	
Bromoform	ND	180	362		Hexachloro-1,3-Butadiene	ND	360	362	
Bromomethane	ND	180	362		2-Hexanone	ND	360	362	
2-Butanone	ND	360	362		Methyl-t-Butyl Ether (MTBE)	ND	720	362	
Carbon Disulfide	1600	180	362		Methylene Chloride	4100	720	362	
Carbon Tetrachloride	ND	180	362		4-Methyl-2-Pentanone	ND	360	362	
Chlorobenzene	ND	180	362		o-Xylene	ND	180	362	
Chloroethane	ND	180	362		p/m-Xylene	ND	360	362	
Chloroform	5700	180	362		Styrene	ND	360	362	
Chloromethane	ND	180	362		Tetrachloroethene	45000	1800	3620	
Dibromochloromethane	ND	180	362		Toluene	ND	180	362	
Dichlorodifluoromethane	ND	180	362		Trichloroethene	9000	180	362	
1,1-Dichloroethane	3600	180	362		Trichlorofluoromethane	16000	360	362	
1,1-Dichloroethene	110000	1800	3620		1,1,2-Trichloro-1,2,2-Trifluoroethane	150000	3600	3620	
1,2-Dibromoethane	ND	180	362		1,1,1-Trichloroethane	1500	180	362	
Dichlorotetrafluoroethane	ND	720	362		1,1,2-Trichloroethane	ND	180	362	
1,2-Dichlorobenzene	ND	180	362		1,1,1,2-Tetrachloroethane	ND	180	362	
1,2-Dichloroethane	ND	180	362		1,3,5-Trimethylbenzene	ND	180	362	
1,2-Dichloropropane	ND	180	362		1,1,2,2-Tetrachloroethane	ND	360	362	
1,3-Dichlorobenzene	ND	180	362		1,2,4-Trimethylbenzene	ND	360	362	
1,4-Dichlorobenzene	ND	180	362		1,2,4-Trichlorobenzene	ND	360	362	
c-1,3-Dichloropropene	ND	180	362		Vinyl Acetate	ND	360	362	
c-1,2-Dichloroethene	ND	180	362		Vinyl Chloride	ND	180	362	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP08-081905	**05-08-1388-12**	**08/19/05**	**Air**	**N/A**	**08/25/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	8900	1500	1540		t-1,2-Dichloroethene	ND	770	1540	
Benzene	ND	770	1540		t-1,3-Dichloropropene	ND	1500	1540	
Benzyl Chloride	ND	1500	1540		Ethylbenzene	ND	770	1540	
Bromodichloromethane	ND	770	1540		4-Ethyltoluene	ND	770	1540	
Bromoform	ND	770	1540		Hexachloro-1,3-Butadiene	ND	1500	1540	
Bromomethane	ND	770	1540		2-Hexanone	ND	1500	1540	
2-Butanone	ND	1500	1540		Methyl-t-Butyl Ether (MTBE)	ND	3100	1540	
Carbon Disulfide	8400	770	1540		Methylene Chloride	ND	3100	1540	
Carbon Tetrachloride	ND	770	1540		4-Methyl-2-Pentanone	ND	1500	1540	
Chlorobenzene	ND	770	1540		o-Xylene	ND	770	1540	
Chloroethane	ND	770	1540		p/m-Xylene	ND	1500	1540	
Chloroform	2400	770	1540		Styrene	ND	1500	1540	
Chloromethane	ND	770	1540		Tetrachloroethene	500000	7700	15400	
Dibromochloromethane	ND	770	1540		Toluene	ND	770	1540	
Dichlorodifluoromethane	ND	770	1540		Trichloroethene	28000	770	1540	
1,1-Dichloroethane	5500	770	1540		Trichlorofluoromethane	5600	1500	1540	
1,1-Dichloroethene	24000	770	1540		1,1,2-Trichloro-1,2,2-Trifluoroethane	170000	15000	15400	
1,2-Dibromoethane	ND	770	1540		1,1,1-Trichloroethane	280000	7700	15400	
Dichlorotetrafluoroethane	ND	3100	1540		1,1,2-Trichloroethane	ND	770	1540	
1,2-Dichlorobenzene	ND	770	1540		1,1,1,2-Tetrachloroethane	ND	770	1540	
1,2-Dichloroethane	2500	770	1540		1,3,5-Trimethylbenzene	ND	770	1540	
1,2-Dichloropropane	ND	770	1540		1,1,2,2-Tetrachloroethane	ND	1500	1540	
1,3-Dichlorobenzene	ND	770	1540		1,2,4-Trimethylbenzene	ND	1500	1540	
1,4-Dichlorobenzene	ND	770	1540		1,2,4-Trichlorobenzene	ND	1500	1540	
c-1,3-Dichloropropene	ND	770	1540		Vinyl Acetate	ND	1500	1540	
c-1,2-Dichloroethene	ND	770	1540		Vinyl Chloride	ND	770	1540	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP08-081905	**05-08-1388-13**	**08/19/05**	**Air**	**N/A**	**08/25/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	4600	650	648		t-1,2-Dichloroethene	ND	320	648	
Benzene	ND	320	648		t-1,3-Dichloropropene	ND	650	648	
Benzyl Chloride	ND	650	648		Ethylbenzene	ND	320	648	
Bromodichloromethane	ND	320	648		4-Ethyltoluene	ND	320	648	
Bromoform	ND	320	648		Hexachloro-1,3-Butadiene	ND	650	648	
Bromomethane	ND	320	648		2-Hexanone	ND	650	648	
2-Butanone	ND	650	648		Methyl-t-Butyl Ether (MTBE)	ND	1300	648	
Carbon Disulfide	5200	320	648		Methylene Chloride	ND	1300	648	
Carbon Tetrachloride	ND	320	648		4-Methyl-2-Pentanone	ND	650	648	
Chlorobenzene	ND	320	648		o-Xylene	420	320	648	
Chloroethane	ND	320	648		p/m-Xylene	ND	650	648	
Chloroform	2100	320	648		Styrene	ND	650	648	
Chloromethane	ND	320	648		Tetrachloroethene	410000	6500	13000	
Dibromochloromethane	ND	320	648		Toluene	490	320	648	
Dichlorodifluoromethane	ND	320	648		Trichloroethene	22000	320	648	
1,1-Dichloroethane	4500	320	648		Trichlorofluoromethane	6400	650	648	
1,1-Dichloroethene	26000	320	648		1,1,2-Trichloro-1,2,2-Trifluoroethane	170000	13000	13000	
1,2-Dibromoethane	ND	320	648		1,1,1-Trichloroethane	260000	6500	13000	
Dichlorotetrafluoroethane	ND	1300	648		1,1,2-Trichloroethane	ND	320	648	
1,2-Dichlorobenzene	ND	320	648		1,1,1,2-Tetrachloroethane	ND	320	648	
1,2-Dichloroethane	1700	320	648		1,3,5-Trimethylbenzene	ND	320	648	
1,2-Dichloropropane	ND	320	648		1,1,2,2-Tetrachloroethane	ND	650	648	
1,3-Dichlorobenzene	ND	320	648		1,2,4-Trimethylbenzene	ND	650	648	
1,4-Dichlorobenzene	ND	320	648		1,2,4-Trichlorobenzene	ND	650	648	
c-1,3-Dichloropropene	ND	320	648		Vinyl Acetate	ND	650	648	
c-1,2-Dichloroethene	ND	320	648		Vinyl Chloride	ND	320	648	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP08-081905	**05-08-1388-14**	**08/19/05**	**Air**	**N/A**	**08/25/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	5800	950	948		t-1,2-Dichloroethene	ND	470	948	
Benzene	ND	470	948		t-1,3-Dichloropropene	ND	950	948	
Benzyl Chloride	ND	950	948		Ethylbenzene	ND	470	948	
Bromodichloromethane	ND	470	948		4-Ethyltoluene	ND	470	948	
Bromoform	ND	470	948		Hexachloro-1,3-Butadiene	ND	950	948	
Bromomethane	ND	470	948		2-Hexanone	ND	950	948	
2-Butanone	ND	950	948		Methyl-t-Butyl Ether (MTBE)	ND	1900	948	
Carbon Disulfide	5600	470	948		Methylene Chloride	ND	1900	948	
Carbon Tetrachloride	ND	470	948		4-Methyl-2-Pentanone	ND	950	948	
Chlorobenzene	ND	470	948		o-Xylene	800	470	948	
Chloroethane	ND	470	948		p/m-Xylene	ND	950	948	
Chloroform	2200	470	948		Styrene	ND	950	948	
Chloromethane	ND	470	948		Tetrachloroethene	410000	9500	19000	
Dibromochloromethane	ND	470	948		Toluene	670	470	948	
Dichlorodifluoromethane	ND	470	948		Trichloroethene	30000	470	948	
1,1-Dichloroethane	4900	470	948		Trichlorofluoromethane	6900	950	948	
1,1-Dichloroethene	28000	470	948		1,1,2-Trichloro-1,2,2-Trifluoroethane	220000	19000	19000	
1,2-Dibromoethane	ND	470	948		1,1,1-Trichloroethane	450000	9500	19000	
Dichlorotetrafluoroethane	ND	1900	948		1,1,2-Trichloroethane	ND	470	948	
1,2-Dichlorobenzene	ND	470	948		1,1,1,2-Tetrachloroethane	ND	470	948	
1,2-Dichloroethane	2400	470	948		1,3,5-Trimethylbenzene	ND	470	948	
1,2-Dichloropropane	ND	470	948		1,1,2,2-Tetrachloroethane	ND	950	948	
1,3-Dichlorobenzene	ND	470	948		1,2,4-Trimethylbenzene	ND	950	948	
1,4-Dichlorobenzene	ND	470	948		1,2,4-Trichlorobenzene	ND	950	948	
c-1,3-Dichloropropene	ND	470	948		Vinyl Acetate	ND	950	948	
c-1,2-Dichloroethene	ND	470	948		Vinyl Chloride	ND	470	948	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/19/05
18581 Teller Avenue		Work Order No:	05-08-1388
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 15 of 21

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP08-081905	**05-08-1388-15**	**08/19/05**	**Air**	**N/A**	**08/25/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1300	140	144		t-1,2-Dichloroethene	ND	72	144	
Benzene	87	72	144		t-1,3-Dichloropropene	ND	140	144	
Benzyl Chloride	ND	140	144		Ethylbenzene	ND	72	144	
Bromodichloromethane	ND	72	144		4-Ethyltoluene	ND	72	144	
Bromoform	ND	72	144		Hexachloro-1,3-Butadiene	ND	140	144	
Bromomethane	ND	72	144		2-Hexanone	ND	140	144	
2-Butanone	ND	140	144		Methyl-t-Butyl Ether (MTBE)	ND	290	144	
Carbon Disulfide	1300	72	144		Methylene Chloride	ND	290	144	
Carbon Tetrachloride	ND	72	144		4-Methyl-2-Pentanone	ND	140	144	
Chlorobenzene	ND	72	144		o-Xylene	ND	72	144	
Chloroethane	ND	72	144		p/m-Xylene	ND	140	144	
Chloroform	840	72	144		Styrene	ND	140	144	
Chloromethane	ND	72	144		Tetrachloroethene	24000	720	1440	
Dibromochloromethane	ND	72	144		Toluene	140	72	144	
Dichlorodifluoromethane	ND	72	144		Trichloroethene	3000	72	144	
1,1-Dichloroethane	1500	72	144		Trichlorofluoromethane	3000	140	144	
1,1-Dichloroethene	13000	720	1440		1,1,2-Trichloro-1,2,2-Trifluoroethane	45000	1400	1440	
1,2-Dibromoethane	ND	72	144		1,1,1-Trichloroethane	41000	720	1440	
Dichlorotetrafluoroethane	ND	290	144		1,1,2-Trichloroethane	ND	72	144	
1,2-Dichlorobenzene	ND	72	144		1,1,1,2-Tetrachloroethane	ND	72	144	
1,2-Dichloroethane	1300	72	144		1,3,5-Trimethylbenzene	ND	72	144	
1,2-Dichloropropane	ND	72	144		1,1,2,2-Tetrachloroethane	ND	140	144	
1,3-Dichlorobenzene	ND	72	144		1,2,4-Trimethylbenzene	ND	140	144	
1,4-Dichlorobenzene	ND	72	144		1,2,4-Trichlorobenzene	ND	140	144	
c-1,3-Dichloropropene	ND	72	144		Vinyl Acetate	ND	140	144	
c-1,2-Dichloroethene	ND	72	144		Vinyl Chloride	ND	72	144	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP08-081905	**05-08-1388-16**	**08/19/05**	**Air**	**N/A**	**08/25/05**	**050825L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1800	200	204		t-1,2-Dichloroethene	120	100	204	
Benzene	270	100	204		t-1,3-Dichloropropene	ND	200	204	
Benzyl Chloride	ND	200	204		Ethylbenzene	ND	100	204	
Bromodichloromethane	ND	100	204		4-Ethyltoluene	ND	100	204	
Bromoform	ND	100	204		Hexachloro-1,3-Butadiene	ND	200	204	
Bromomethane	ND	100	204		2-Hexanone	ND	200	204	
2-Butanone	ND	200	204		Methyl-t-Butyl Ether (MTBE)	ND	410	204	
Carbon Disulfide	1300	100	204		Methylene Chloride	520	410	204	
Carbon Tetrachloride	ND	100	204		4-Methyl-2-Pentanone	ND	200	204	
Chlorobenzene	ND	100	204		o-Xylene	ND	100	204	
Chloroethane	ND	100	204		p/m-Xylene	ND	200	204	
Chloroform	3300	100	204		Styrene	ND	200	204	
Chloromethane	ND	100	204		Tetrachloroethene	47000	1000	2040	
Dibromochloromethane	ND	100	204		Toluene	200	100	204	
Dichlorodifluoromethane	ND	100	204		Trichloroethene	5500	100	204	
1,1-Dichloroethane	4000	100	204		Trichlorofluoromethane	4900	200	204	
1,1-Dichloroethene	36000	1000	2040		1,1,2-Trichloro-1,2,2-Trifluoroethane	54000	2000	2040	
1,2-Dibromoethane	ND	100	204		1,1,1-Trichloroethane	47000	1000	2040	
Dichlorotetrafluoroethane	ND	410	204		1,1,2-Trichloroethane	ND	100	204	
1,2-Dichlorobenzene	ND	100	204		1,1,1,2-Tetrachloroethane	ND	100	204	
1,2-Dichloroethane	4900	100	204		1,3,5-Trimethylbenzene	ND	100	204	
1,2-Dichloropropane	ND	100	204		1,1,2,2-Tetrachloroethane	ND	200	204	
1,3-Dichlorobenzene	ND	100	204		1,2,4-Trimethylbenzene	ND	200	204	
1,4-Dichlorobenzene	ND	100	204		1,2,4-Trichlorobenzene	ND	200	204	
c-1,3-Dichloropropene	ND	100	204		Vinyl Acetate	ND	200	204	
c-1,2-Dichloroethene	ND	100	204		Vinyl Chloride	ND	100	204	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/19/05
18581 Teller Avenue		Work Order No:	05-08-1388
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 17 of 21

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050-VP08-081905	**05-08-1388-17**	**08/19/05**	**Air**	**N/A**	**08/25/05**	**050825L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2200	290	289		t-1,2-Dichloroethene	180	140	289	
Benzene	380	140	289		t-1,3-Dichloropropene	ND	290	289	
Benzyl Chloride	ND	290	289		Ethylbenzene	ND	140	289	
Bromodichloromethane	ND	140	289		4-Ethyltoluene	ND	140	289	
Bromoform	ND	140	289		Hexachloro-1,3-Butadiene	ND	290	289	
Bromomethane	ND	140	289		2-Hexanone	ND	290	289	
2-Butanone	ND	290	289		Methyl-t-Butyl Ether (MTBE)	ND	580	289	
Carbon Disulfide	1600	140	289		Methylene Chloride	870	580	289	
Carbon Tetrachloride	ND	140	289		4-Methyl-2-Pentanone	ND	290	289	
Chlorobenzene	ND	140	289		o-Xylene	ND	140	289	
Chloroethane	ND	140	289		p/m-Xylene	ND	290	289	
Chloroform	4400	140	289		Styrene	ND	290	289	
Chloromethane	ND	140	289		Tetrachloroethene	83000	1400	2890	
Dibromochloromethane	ND	140	289		Toluene	220	140	289	
Dichlorodifluoromethane	ND	140	289		Trichloroethene	7000	140	289	
1,1-Dichloroethane	4500	140	289		Trichlorofluoromethane	4000	290	289	
1,1-Dichloroethene	36000	1400	2890		1,1,2-Trichloro-1,2,2-Trifluoroethane	42000	2900	2890	
1,2-Dibromoethane	ND	140	289		1,1,1-Trichloroethane	38000	1400	2890	
Dichlorotetrafluoroethane	ND	580	289		1,1,2-Trichloroethane	ND	140	289	
1,2-Dichlorobenzene	ND	140	289		1,1,1,2-Tetrachloroethane	ND	140	289	
1,2-Dichloroethane	4000	140	289		1,3,5-Trimethylbenzene	ND	140	289	
1,2-Dichloropropane	ND	140	289		1,1,2,2-Tetrachloroethane	ND	290	289	
1,3-Dichlorobenzene	ND	140	289		1,2,4-Trimethylbenzene	ND	290	289	
1,4-Dichlorobenzene	ND	140	289		1,2,4-Trichlorobenzene	ND	290	289	
c-1,3-Dichloropropene	ND	140	289		Vinyl Acetate	ND	290	289	
c-1,2-Dichloroethene	ND	140	289		Vinyl Chloride	ND	140	289	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060-VP08-081905	**05-08-1388-18**	**08/19/05**	**Air**	**N/A**	**08/25/05**	**050825L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	6800	1100	1120		t-1,2-Dichloroethene	ND	560	1120	
Benzene	ND	560	1120		t-1,3-Dichloropropene	ND	1100	1120	
Benzyl Chloride	ND	1100	1120		Ethylbenzene	ND	560	1120	
Bromodichloromethane	ND	560	1120		4-Ethyltoluene	ND	560	1120	
Bromoform	ND	560	1120		Hexachloro-1,3-Butadiene	ND	1100	1120	
Bromomethane	ND	560	1120		2-Hexanone	ND	1100	1120	
2-Butanone	ND	1100	1120		Methyl-t-Butyl Ether (MTBE)	ND	2200	1120	
Carbon Disulfide	5100	560	1120		Methylene Chloride	4000	2200	1120	
Carbon Tetrachloride	ND	560	1120		4-Methyl-2-Pentanone	ND	1100	1120	
Chlorobenzene	ND	560	1120		o-Xylene	670	560	1120	
Chloroethane	ND	560	1120		p/m-Xylene	ND	1100	1120	
Chloroform	2400	560	1120		Styrene	ND	1100	1120	
Chloromethane	ND	560	1120		Tetrachloroethene	640000	11000	22500	
Dibromochloromethane	ND	560	1120		Toluene	830	560	1120	
Dichlorodifluoromethane	ND	560	1120		Trichloroethene	21000	560	1120	
1,1-Dichloroethane	3300	560	1120		Trichlorofluoromethane	7000	1100	1120	
1,1-Dichloroethene	54000	560	1120		1,1,2-Trichloro-1,2,2-Trifluoroethane	130000	23000	22500	
1,2-Dibromoethane	ND	560	1120		1,1,1-Trichloroethane	250000	11000	22500	
Dichlorotetrafluoroethane	ND	2200	1120		1,1,2-Trichloroethane	ND	560	1120	
1,2-Dichlorobenzene	ND	560	1120		1,1,1,2-Tetrachloroethane	ND	560	1120	
1,2-Dichloroethane	3300	560	1120		1,3,5-Trimethylbenzene	ND	560	1120	
1,2-Dichloropropane	ND	560	1120		1,1,2,2-Tetrachloroethane	ND	1100	1120	
1,3-Dichlorobenzene	ND	560	1120		1,2,4-Trimethylbenzene	ND	1100	1120	
1,4-Dichlorobenzene	ND	560	1120		1,2,4-Trichlorobenzene	ND	1100	1120	
c-1,3-Dichloropropene	ND	560	1120		Vinyl Acetate	ND	1100	1120	
c-1,2-Dichloroethene	ND	560	1120		Vinyl Chloride	ND	560	1120	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/19/05
18581 Teller Avenue		Work Order No:	05-08-1388
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 19 of 21

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070-VP08-081905	**05-08-1388-19**	**08/19/05**	**Air**	**N/A**	**08/25/05**	**050825L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	8200	930	930		t-1,2-Dichloroethene	ND	470	930	
Benzene	ND	470	930		t-1,3-Dichloropropene	ND	930	930	
Benzyl Chloride	ND	930	930		Ethylbenzene	ND	470	930	
Bromodichloromethane	ND	470	930		4-Ethyltoluene	ND	470	930	
Bromoform	ND	470	930		Hexachloro-1,3-Butadiene	ND	930	930	
Bromomethane	ND	470	930		2-Hexanone	ND	930	930	
2-Butanone	ND	930	930		Methyl-t-Butyl Ether (MTBE)	ND	1900	930	
Carbon Disulfide	7900	470	930		Methylene Chloride	4000	1900	930	
Carbon Tetrachloride	ND	470	930		4-Methyl-2-Pentanone	ND	930	930	
Chlorobenzene	ND	470	930		o-Xylene	ND	470	930	
Chloroethane	ND	470	930		p/m-Xylene	ND	930	930	
Chloroform	2700	470	930		Styrene	ND	930	930	
Chloromethane	ND	470	930		Tetrachloroethene	790000	9300	18600	
Dibromochloromethane	ND	470	930		Toluene	800	470	930	
Dichlorodifluoromethane	ND	470	930		Trichloroethene	27000	470	930	
1,1-Dichloroethane	3500	470	930		Trichlorofluoromethane	8500	930	930	
1,1-Dichloroethene	81000	9300	18600		1,1,2-Trichloro-1,2,2-Trifluoroethane	160000	19000	18600	
1,2-Dibromoethane	ND	470	930		1,1,1-Trichloroethane	290000	9300	18600	
Dichlorotetrafluoroethane	ND	1900	930		1,1,2-Trichloroethane	ND	470	930	
1,2-Dichlorobenzene	ND	470	930		1,1,1,2-Tetrachloroethane	ND	470	930	
1,2-Dichloroethane	3300	470	930		1,3,5-Trimethylbenzene	ND	470	930	
1,2-Dichloropropane	ND	470	930		1,1,2,2-Tetrachloroethane	ND	930	930	
1,3-Dichlorobenzene	ND	470	930		1,2,4-Trimethylbenzene	ND	930	930	
1,4-Dichlorobenzene	ND	470	930		1,2,4-Trichlorobenzene	ND	930	930	
c-1,3-Dichloropropene	ND	470	930		Vinyl Acetate	ND	930	930	
c-1,2-Dichloroethene	ND	470	930		Vinyl Chloride	ND	470	930	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/19/05
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,244**	**N/A**	**Air**	**N/A**	**08/24/05**	**050824L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	08/19/05
18581 Teller Avenue		Work Order No:	05-08-1388
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 21 of 21

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,246**	**N/A**	**Air**	**N/A**	**08/25/05**	**050825L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA TO-15 Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	RT	On Column Conc. ppbv	Estimated Conc. ppbv
05-08-1388	1	OC-SG-006-VP01-081905		Isobutane		Not found	
05-08-1388	2	OC-SG-012-VP01-081905		Isobutane		Not found	
05-08-1388	3	OC-SG-018-VP01-081905		Isobutane		Not found	
05-08-1388	4	OC-SG-024-VP01-081905		Isobutane		Not found	
05-08-1388	5	OC-SG-040-VP01-081905		Isobutane		Not found	
05-08-1388	6	OC-SG-050-VP01-081905		Isobutane		Not found	
05-08-1388	7	OC-SG-060-VP06-081605		Isobutane		Not found	
05-08-1388	8	OC-SG-070-VP01-081905		Isobutane		Not found	
05-08-1388	9	OC-SG-070K-VP01-081905		Isobutane		Not found	
05-08-1388	10	OC-SG-TB05-081905		Isobutane		Not found	
05-08-1388	11	OC-SG-070-VP03-081905		Isobutane		Not found	
05-08-1388	12	OC-SG-006-VP08-081905		Isobutane		Not found	
05-08-1388	13	OC-SG-012-VP08-081905		Isobutane		Not found	
05-08-1388	14	OC-SG-018-VP08-081905		Isobutane		Not found	
05-08-1388	15	OC-SG-024-VP08-081905		Isobutane		Not found	
05-08-1388	16	OC-SG-040-VP08-081905		Isobutane		Not found	
05-08-1388	17	OC-SG-050-VP08-081905		Isobutane		Not found	
05-08-1388	18	OC-SG-060-VP08-081905		Isobutane		Not found	
05-08-1388	19	OC-SG-070-VP08-081905		Isobutane		Not found	

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,244	**Air**	**GC/MS II**	**N/A**	**08/24/05**	**050824L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	92	61-121	4	0-37	
Bromoform	103	101	62-134	3	0-38	
Carbon Tetrachloride	109	103	56-128	5	0-42	
1,2-Dibromoethane	94	92	63-123	3	0-38	
1,2-Dichlorobenzene	80	77	41-149	4	0-62	
1,2-Dichloroethane	104	99	63-123	4	0-37	
1,2-Dichloropropane	91	88	61-121	3	0-37	
1,4-Dichlorobenzene	80	77	51-147	3	0-49	
c-1,3-Dichloropropene	96	91	62-128	5	0-37	
Ethylbenzene	91	87	61-127	4	0-38	
o-Xylene	90	86	58-130	5	0-38	
p/m-Xylene	92	88	57-129	4	0-39	
Tetrachloroethene	98	97	59-119	1	0-40	
Toluene	94	92	60-120	2	0-39	
Trichloroethene	99	95	65-119	4	0-38	
1,1,2-Trichloroethane	94	88	64-124	6	0-37	
Vinyl Chloride	101	102	58-124	0	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-08-1388
Preparation: N/A
Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,246	**Air**	**GC/MS II**	**N/A**	**08/25/05**	**050825L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	97	61-121	7	0-37	
Bromoform	101	94	62-134	7	0-38	
Carbon Tetrachloride	109	101	56-128	7	0-42	
1,2-Dibromoethane	96	89	63-123	8	0-38	
1,2-Dichlorobenzene	81	73	41-149	9	0-62	
1,2-Dichloroethane	106	98	63-123	8	0-37	
1,2-Dichloropropane	99	92	61-121	8	0-37	
1,4-Dichlorobenzene	80	74	51-147	8	0-49	
c-1,3-Dichloropropene	103	93	62-128	10	0-37	
Ethylbenzene	93	86	61-127	8	0-38	
o-Xylene	91	84	58-130	8	0-38	
p/m-Xylene	93	86	57-129	8	0-39	
Tetrachloroethene	99	93	59-119	6	0-40	
Toluene	96	89	60-120	8	0-39	
Trichloroethene	104	98	65-119	6	0-38	
1,1,2-Trichloroethane	102	93	64-124	9	0-37	
Vinyl Chloride	107	103	58-124	3	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-08-1388

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/19/05

Page 1 of 2

LABORATORY CLIENT: CDM, Inc.
ADDRESS: 18581 Teller Avenue, Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ Normal ☐ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____
SPECIAL INSTRUCTIONS: Isobutane is leak detection gas

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Sanderson
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 0 8 - 1 3 8 8
COOLER RECEIPT TEMP = _____ °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	Acetone, Freon 11, 12	Freon 13 & TICs		Field PID Readings
1	OC-SG-006-VP01-081905		8/19/05	1234	Air	1												✓		✓	✓		63.9
2	OC-SG-012-VP01-081905			1244														✓		✓	✓		35.1
3	OC-SG-018-VP01-081905			1252														✓		✓	✓		33.2
4	OC-SG-024-VP01-081905			1302														✓		✓	✓		75.1
5	OC-SG-040-VP01-081905			1311														✓		✓	✓		30.3
6	OC-SG-050-VP01-081905			1319														✓		✓	✓		32.2
7	OC-SG-060-VP01-081905			1327														✓		✓	✓		52.4
8	OC-SG-070-VP01-081905			1335														✓		✓	✓		71.0
9	OC-SG-070K-VP01-081905		↓	1343														✓		✓	✓		
10	OC-SG-TB05-081905				↓	↓												✓		✓	✓		

Relinquished by: (Signature) Scott A. Sanderson	Received by: (Signature) WCbath	Date: 8-19-05	Time: 1730
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) WCbath	Received for Laboratory by: (Signature) Stan Tama CEC	Date: 8-19-05	Time: 1813

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

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CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/19/05

Page 2 of 2

LABORATORY CLIENT: CDM, Inc.
ADDRESS: 18581 Teller Avenue, Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ Normal ☐ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____
SPECIAL INSTRUCTIONS:
Isobutane is leak detection gas

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Henderson
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 08-1388
COOLER RECEIPT TEMP = _____ °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or _____	BTEX / MTBE (8260B) or _____	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	Acetone, Freon 11,12	Freon 13 & TICs		Field PID Readings
11	OC-SG-070-VP03-081905		8/19/05	1528	Air	1												✓		✓	✓		44.7
12	OC-SG-006-VP08-081905			1640														✓		✓	✓		136.1
13	OC-SG-012-VP08-081905			1647														✓		✓	✓		94.3
14	OC-SG-018-VP08-081905			1630														✓		✓	✓		127.6
15	OC-SG-024-VP08-081905			1654														✓		✓	✓		26.9
16	OC-SG-040-VP08-081905			1702														✓		✓	✓		34.9
17	OC-SG-050-VP08-081905			1708														✓		✓	✓		74.3
18	OC-SG-060-VP08-081905			1716														✓		✓	✓		218
19	OC-SG-070-VP08-081905		↓	1723	↓	↓												✓		✓	✓		~~340~~ 297

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Scott A. Henderson	Wdeath CCL	8-19-05	1730
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) WDeath	Received for Laboratory by: (Signature) Sheri Tana CEL	Date: 8-19-05	Time: 1813

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 08 - 1388

Cooler 0 **of** 0

SAMPLE RECEIPT FORM

CLIENT: CDM **DATE:** 8-19-05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
✓ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: WB

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

August 31, 2005

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 05-08-1456**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/22/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received:	08/22/05
Work Order No:	05-08-1456
Preparation:	N/A
Method:	EPA TO-15
Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP02-082205	**05-08-1456-1**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	3400	480	480		t-1,2-Dichloroethene	4500	240	480	
Benzene	ND	240	480		t-1,3-Dichloropropene	ND	480	480	
Benzyl Chloride	ND	480	480		Ethylbenzene	ND	240	480	
Bromodichloromethane	ND	240	480		4-Ethyltoluene	ND	240	480	
Bromoform	ND	240	480		Hexachloro-1,3-Butadiene	ND	480	480	
Bromomethane	ND	240	480		2-Hexanone	ND	480	480	
2-Butanone	ND	480	480		Methyl-t-Butyl Ether (MTBE)	ND	960	480	
Carbon Disulfide	1800	240	480		Methylene Chloride	ND	960	480	
Carbon Tetrachloride	ND	240	480		4-Methyl-2-Pentanone	ND	480	480	
Chlorobenzene	ND	240	480		o-Xylene	ND	240	480	
Chloroethane	ND	240	480		p/m-Xylene	ND	480	480	
Chloroform	1600	240	480		Styrene	ND	480	480	
Chloromethane	ND	240	480		Tetrachloroethene	180000	2400	4800	
Dibromochloromethane	ND	240	480		Toluene	ND	240	480	
Dichlorodifluoromethane	ND	240	480		Trichloroethene	41000	2400	4800	
1,1-Dichloroethane	1300	240	480		Trichlorofluoromethane	84000	4800	4800	
1,1-Dichloroethene	230000	2400	4800		1,1,2-Trichloro-1,2,2-Trifluoroethane	160000	4800	4800	
1,2-Dibromoethane	ND	240	480		1,1,1-Trichloroethane	1400	240	480	
Dichlorotetrafluoroethane	ND	960	480		1,1,2-Trichloroethane	260	240	480	
1,2-Dichlorobenzene	ND	240	480		1,1,1,2-Tetrachloroethane	ND	240	480	
1,2-Dichloroethane	ND	240	480		1,3,5-Trimethylbenzene	ND	240	480	
1,2-Dichloropropane	ND	240	480		1,1,2,2-Tetrachloroethane	ND	480	480	
1,3-Dichlorobenzene	ND	240	480		1,2,4-Trimethylbenzene	ND	480	480	
1,4-Dichlorobenzene	ND	240	480		1,2,4-Trichlorobenzene	ND	480	480	
c-1,3-Dichloropropene	ND	240	480		Vinyl Acetate	ND	480	480	
c-1,2-Dichloroethene	ND	240	480		Vinyl Chloride	ND	240	480	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 2 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP02-082205	**05-08-1456-2**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2500	320	322		t-1,2-Dichloroethene	4700	160	322	
Benzene	ND	160	322		t-1,3-Dichloropropene	ND	320	322	
Benzyl Chloride	ND	320	322		Ethylbenzene	ND	160	322	
Bromodichloromethane	ND	160	322		4-Ethyltoluene	ND	160	322	
Bromoform	ND	160	322		Hexachloro-1,3-Butadiene	ND	320	322	
Bromomethane	ND	160	322		2-Hexanone	ND	320	322	
2-Butanone	ND	320	322		Methyl-t-Butyl Ether (MTBE)	ND	640	322	
Carbon Disulfide	1500	160	322		Methylene Chloride	ND	640	322	
Carbon Tetrachloride	ND	160	322		4-Methyl-2-Pentanone	ND	320	322	
Chlorobenzene	ND	160	322		o-Xylene	ND	160	322	
Chloroethane	ND	160	322		p/m-Xylene	ND	320	322	
Chloroform	1100	160	322		Styrene	ND	320	322	
Chloromethane	ND	160	322		Tetrachloroethene	50000	1600	3220	
Dibromochloromethane	ND	160	322		Toluene	170	160	322	
Dichlorodifluoromethane	ND	160	322		Trichloroethene	23000	1600	3220	
1,1-Dichloroethane	1100	160	322		Trichlorofluoromethane	96000	3200	3220	
1,1-Dichloroethene	290000	3200	6440		1,1,2-Trichloro-1,2,2-Trifluoroethane	240000	6400	6440	
1,2-Dibromoethane	ND	160	322		1,1,1-Trichloroethane	1300	160	322	
Dichlorotetrafluoroethane	ND	640	322		1,1,2-Trichloroethane	180	160	322	
1,2-Dichlorobenzene	ND	160	322		1,1,1,2-Tetrachloroethane	ND	160	322	
1,2-Dichloroethane	ND	160	322		1,3,5-Trimethylbenzene	ND	160	322	
1,2-Dichloropropane	ND	160	322		1,1,2,2-Tetrachloroethane	ND	320	322	
1,3-Dichlorobenzene	ND	160	322		1,2,4-Trimethylbenzene	ND	320	322	
1,4-Dichlorobenzene	ND	160	322		1,2,4-Trichlorobenzene	ND	320	322	
c-1,3-Dichloropropene	ND	160	322		Vinyl Acetate	ND	320	322	
c-1,2-Dichloroethene	ND	160	322		Vinyl Chloride	ND	160	322	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received:	08/22/05
Work Order No:	05-08-1456
Preparation:	N/A
Method:	EPA TO-15
Units:	ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP02-082205	**05-08-1456-3**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2800	300	304		t-1,2-Dichloroethene	6200	150	304	
Benzene	ND	150	304		t-1,3-Dichloropropene	ND	300	304	
Benzyl Chloride	ND	300	304		Ethylbenzene	ND	150	304	
Bromodichloromethane	ND	150	304		4-Ethyltoluene	ND	150	304	
Bromoform	ND	150	304		Hexachloro-1,3-Butadiene	ND	300	304	
Bromomethane	ND	150	304		2-Hexanone	ND	300	304	
2-Butanone	ND	300	304		Methyl-t-Butyl Ether (MTBE)	ND	610	304	
Carbon Disulfide	1300	150	304		Methylene Chloride	ND	610	304	
Carbon Tetrachloride	ND	150	304		4-Methyl-2-Pentanone	ND	300	304	
Chlorobenzene	ND	150	304		o-Xylene	ND	150	304	
Chloroethane	ND	150	304		p/m-Xylene	ND	300	304	
Chloroform	1800	150	304		Styrene	ND	300	304	
Chloromethane	ND	150	304		Tetrachloroethene	67000	1500	3040	
Dibromochloromethane	ND	150	304		Toluene	190	150	304	
Dichlorodifluoromethane	ND	150	304		Trichloroethene	30000	1500	3040	
1,1-Dichloroethane	1500	150	304		Trichlorofluoromethane	110000	3000	3040	
1,1-Dichloroethene	410000	6100	12200		1,1,2-Trichloro-1,2,2-Trifluoroethane	350000	12000	12200	
1,2-Dibromoethane	ND	150	304		1,1,1-Trichloroethane	1600	150	304	
Dichlorotetrafluoroethane	ND	610	304		1,1,2-Trichloroethane	240	150	304	
1,2-Dichlorobenzene	ND	150	304		1,1,1,2-Tetrachloroethane	ND	150	304	
1,2-Dichloroethane	ND	150	304		1,3,5-Trimethylbenzene	ND	150	304	
1,2-Dichloropropane	ND	150	304		1,1,2,2-Tetrachloroethane	ND	300	304	
1,3-Dichlorobenzene	ND	150	304		1,2,4-Trimethylbenzene	ND	300	304	
1,4-Dichlorobenzene	ND	150	304		1,2,4-Trichlorobenzene	ND	300	304	
c-1,3-Dichloropropene	ND	150	304		Vinyl Acetate	ND	300	304	
c-1,2-Dichloroethene	ND	150	304		Vinyl Chloride	ND	150	304	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 4 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP02-082205	**05-08-1456-4**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2600	300	302		t-1,2-Dichloroethene	4700	150	302	
Benzene	ND	150	302		t-1,3-Dichloropropene	ND	300	302	
Benzyl Chloride	ND	300	302		Ethylbenzene	ND	150	302	
Bromodichloromethane	ND	150	302		4-Ethyltoluene	ND	150	302	
Bromoform	ND	150	302		Hexachloro-1,3-Butadiene	ND	300	302	
Bromomethane	ND	150	302		2-Hexanone	ND	300	302	
2-Butanone	ND	300	302		Methyl-t-Butyl Ether (MTBE)	ND	600	302	
Carbon Disulfide	1500	150	302		Methylene Chloride	ND	600	302	
Carbon Tetrachloride	ND	150	302		4-Methyl-2-Pentanone	ND	300	302	
Chlorobenzene	ND	150	302		o-Xylene	ND	150	302	
Chloroethane	ND	150	302		p/m-Xylene	ND	300	302	
Chloroform	1300	150	302		Styrene	ND	300	302	
Chloromethane	ND	150	302		Tetrachloroethene	44000	1500	3020	
Dibromochloromethane	ND	150	302		Toluene	190	150	302	
Dichlorodifluoromethane	250	150	302		Trichloroethene	15000	1500	3020	
1,1-Dichloroethane	1000	150	302		Trichlorofluoromethane	110000	3000	3020	
1,1-Dichloroethene	380000	6100	12100		1,1,2-Trichloro-1,2,2-Trifluoroethane	320000	12000	12100	
1,2-Dibromoethane	ND	150	302		1,1,1-Trichloroethane	780	150	302	
Dichlorotetrafluoroethane	ND	600	302		1,1,2-Trichloroethane	240	150	302	
1,2-Dichlorobenzene	ND	150	302		1,1,1,2-Tetrachloroethane	ND	150	302	
1,2-Dichloroethane	ND	150	302		1,3,5-Trimethylbenzene	ND	150	302	
1,2-Dichloropropane	ND	150	302		1,1,2,2-Tetrachloroethane	ND	300	302	
1,3-Dichlorobenzene	ND	150	302		1,2,4-Trimethylbenzene	ND	300	302	
1,4-Dichlorobenzene	ND	150	302		1,2,4-Trichlorobenzene	ND	300	302	
c-1,3-Dichloropropene	ND	150	302		Vinyl Acetate	ND	300	302	
c-1,2-Dichloroethene	ND	150	302		Vinyl Chloride	ND	150	302	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 5 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP02-082205	**05-08-1456-5**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	10000	1100	1070		t-1,2-Dichloroethene	18000	540	1070	
Benzene	ND	540	1070		t-1,3-Dichloropropene	ND	1100	1070	
Benzyl Chloride	ND	1100	1070		Ethylbenzene	ND	540	1070	
Bromodichloromethane	ND	540	1070		4-Ethyltoluene	ND	540	1070	
Bromoform	ND	540	1070		Hexachloro-1,3-Butadiene	ND	1100	1070	
Bromomethane	ND	540	1070		2-Hexanone	ND	1100	1070	
2-Butanone	ND	1100	1070		Methyl-t-Butyl Ether (MTBE)	ND	2100	1070	
Carbon Disulfide	7800	540	1070		Methylene Chloride	3100	2100	1070	
Carbon Tetrachloride	ND	540	1070		4-Methyl-2-Pentanone	ND	1100	1070	
Chlorobenzene	ND	540	1070		o-Xylene	ND	540	1070	
Chloroethane	ND	540	1070		p/m-Xylene	ND	1100	1070	
Chloroform	4400	540	1070		Styrene	ND	1100	1070	
Chloromethane	ND	540	1070		Tetrachloroethene	160000	5400	10700	
Dibromochloromethane	ND	540	1070		Toluene	ND	540	1070	
Dichlorodifluoromethane	ND	540	1070		Trichloroethene	52000	540	1070	
1,1-Dichloroethane	4100	540	1070		Trichlorofluoromethane	140000	11000	10700	
1,1-Dichloroethene	500000	5400	10700		1,1,2-Trichloro-1,2,2-Trifluoroethane	320000	11000	10700	
1,2-Dibromoethane	ND	540	1070		1,1,1-Trichloroethane	2500	540	1070	
Dichlorotetrafluoroethane	ND	2100	1070		1,1,2-Trichloroethane	ND	540	1070	
1,2-Dichlorobenzene	ND	540	1070		1,1,1,2-Tetrachloroethane	ND	540	1070	
1,2-Dichloroethane	ND	540	1070		1,3,5-Trimethylbenzene	ND	540	1070	
1,2-Dichloropropane	ND	540	1070		1,1,2,2-Tetrachloroethane	ND	1100	1070	
1,3-Dichlorobenzene	ND	540	1070		1,2,4-Trimethylbenzene	ND	1100	1070	
1,4-Dichlorobenzene	ND	540	1070		1,2,4-Trichlorobenzene	ND	1100	1070	
c-1,3-Dichloropropene	ND	540	1070		Vinyl Acetate	ND	1100	1070	
c-1,2-Dichloroethene	ND	540	1070		Vinyl Chloride	ND	540	1070	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 6 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050-VP02-082205	**05-08-1456-6**	**08/22/05**	**Air**	**N/A**	**08/28/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	10000	1300	1320		t-1,2-Dichloroethene	18000	660	1320	
Benzene	ND	660	1320		t-1,3-Dichloropropene	ND	1300	1320	
Benzyl Chloride	ND	1300	1320		Ethylbenzene	ND	660	1320	
Bromodichloromethane	ND	660	1320		4-Ethyltoluene	ND	660	1320	
Bromoform	ND	660	1320		Hexachloro-1,3-Butadiene	ND	1300	1320	
Bromomethane	ND	660	1320		2-Hexanone	ND	1300	1320	
2-Butanone	ND	1300	1320		Methyl-t-Butyl Ether (MTBE)	ND	2600	1320	
Carbon Disulfide	8900	660	1320		Methylene Chloride	4600	2600	1320	
Carbon Tetrachloride	ND	660	1320		4-Methyl-2-Pentanone	ND	1300	1320	
Chlorobenzene	ND	660	1320		o-Xylene	ND	660	1320	
Chloroethane	ND	660	1320		p/m-Xylene	ND	1300	1320	
Chloroform	4100	660	1320		Styrene	ND	1300	1320	
Chloromethane	ND	660	1320		Tetrachloroethene	190000	6600	13200	
Dibromochloromethane	ND	660	1320		Toluene	ND	660	1320	
Dichlorodifluoromethane	ND	660	1320		Trichloroethene	47000	660	1320	
1,1-Dichloroethane	3800	660	1320		Trichlorofluoromethane	150000	13000	13200	
1,1-Dichloroethene	570000	6600	13200		1,1,2-Trichloro-1,2,2-Trifluoroethane	390000	13000	13200	
1,2-Dibromoethane	ND	660	1320		1,1,1-Trichloroethane	2500	660	1320	
Dichlorotetrafluoroethane	ND	2600	1320		1,1,2-Trichloroethane	ND	660	1320	
1,2-Dichlorobenzene	ND	660	1320		1,1,1,2-Tetrachloroethane	ND	660	1320	
1,2-Dichloroethane	ND	660	1320		1,3,5-Trimethylbenzene	ND	660	1320	
1,2-Dichloropropane	ND	660	1320		1,1,2,2-Tetrachloroethane	ND	1300	1320	
1,3-Dichlorobenzene	ND	660	1320		1,2,4-Trimethylbenzene	ND	1300	1320	
1,4-Dichlorobenzene	ND	660	1320		1,2,4-Trichlorobenzene	ND	1300	1320	
c-1,3-Dichloropropene	ND	660	1320		Vinyl Acetate	ND	1300	1320	
c-1,2-Dichloroethene	ND	660	1320		Vinyl Chloride	ND	660	1320	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 08/22/05
Work Order No: 05-08-1456
Preparation: N/A
Method: EPA TO-15
Units: ppb (v/v)

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060-VP02-082205	**05-08-1456-7**	**08/22/05**	**Air**	**N/A**	**08/28/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	16000	1400	1390		t-1,2-Dichloroethene	16000	700	1390	
Benzene	ND	700	1390		t-1,3-Dichloropropene	ND	1400	1390	
Benzyl Chloride	ND	1400	1390		Ethylbenzene	ND	700	1390	
Bromodichloromethane	ND	700	1390		4-Ethyltoluene	ND	700	1390	
Bromoform	ND	700	1390		Hexachloro-1,3-Butadiene	ND	1400	1390	
Bromomethane	ND	700	1390		2-Hexanone	ND	1400	1390	
2-Butanone	ND	1400	1390		Methyl-t-Butyl Ether (MTBE)	ND	2800	1390	
Carbon Disulfide	9200	700	1390		Methylene Chloride	8000	2800	1390	
Carbon Tetrachloride	ND	700	1390		4-Methyl-2-Pentanone	ND	1400	1390	
Chlorobenzene	ND	700	1390		o-Xylene	ND	700	1390	
Chloroethane	ND	700	1390		p/m-Xylene	ND	1400	1390	
Chloroform	4100	700	1390		Styrene	ND	1400	1390	
Chloromethane	ND	700	1390		Tetrachloroethene	72000	7000	13900	
Dibromochloromethane	ND	700	1390		Toluene	750	700	1390	
Dichlorodifluoromethane	ND	700	1390		Trichloroethene	34000	700	1390	
1,1-Dichloroethane	4700	700	1390		Trichlorofluoromethane	43000	14000	13900	
1,1-Dichloroethene	190000	7000	13900		1,1,2-Trichloro-1,2,2-Trifluoroethane	180000	14000	13900	
1,2-Dibromoethane	ND	700	1390		1,1,1-Trichloroethane	2600	700	1390	
Dichlorotetrafluoroethane	ND	2800	1390		1,1,2-Trichloroethane	ND	700	1390	
1,2-Dichlorobenzene	ND	700	1390		1,1,1,2-Tetrachloroethane	ND	700	1390	
1,2-Dichloroethane	ND	700	1390		1,3,5-Trimethylbenzene	ND	700	1390	
1,2-Dichloropropane	ND	700	1390		1,1,2,2-Tetrachloroethane	ND	1400	1390	
1,3-Dichlorobenzene	ND	700	1390		1,2,4-Trimethylbenzene	ND	1400	1390	
1,4-Dichlorobenzene	ND	700	1390		1,2,4-Trichlorobenzene	ND	1400	1390	
c-1,3-Dichloropropene	ND	700	1390		Vinyl Acetate	ND	1400	1390	
c-1,2-Dichloroethene	ND	700	1390		Vinyl Chloride	ND	700	1390	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 8 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070-VP02-082205	**05-08-1456-8**	**08/22/05**	**Air**	**N/A**	**08/28/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	4400	500	502		t-1,2-Dichloroethene	8200	250	502	
Benzene	ND	250	502		t-1,3-Dichloropropene	ND	500	502	
Benzyl Chloride	ND	500	502		Ethylbenzene	ND	250	502	
Bromodichloromethane	ND	250	502		4-Ethyltoluene	ND	250	502	
Bromoform	ND	250	502		Hexachloro-1,3-Butadiene	ND	500	502	
Bromomethane	ND	250	502		2-Hexanone	ND	500	502	
2-Butanone	ND	500	502		Methyl-t-Butyl Ether (MTBE)	ND	1000	502	
Carbon Disulfide	3000	250	502		Methylene Chloride	3600	1000	502	
Carbon Tetrachloride	ND	250	502		4-Methyl-2-Pentanone	ND	500	502	
Chlorobenzene	ND	250	502		o-Xylene	ND	250	502	
Chloroethane	ND	250	502		p/m-Xylene	ND	500	502	
Chloroform	2400	250	502		Styrene	ND	500	502	
Chloromethane	ND	250	502		Tetrachloroethene	43000	2500	5020	
Dibromochloromethane	ND	250	502		Toluene	ND	250	502	
Dichlorodifluoromethane	ND	250	502		Trichloroethene	13000	250	502	
1,1-Dichloroethane	3000	250	502		Trichlorofluoromethane	53000	5000	5020	
1,1-Dichloroethene	210000	2500	5020		1,1,2-Trichloro-1,2,2-Trifluoroethane	200000	5000	5020	
1,2-Dibromoethane	ND	250	502		1,1,1-Trichloroethane	1500	250	502	
Dichlorotetrafluoroethane	ND	1000	502		1,1,2-Trichloroethane	ND	250	502	
1,2-Dichlorobenzene	ND	250	502		1,1,1,2-Tetrachloroethane	ND	250	502	
1,2-Dichloroethane	ND	250	502		1,3,5-Trimethylbenzene	ND	250	502	
1,2-Dichloropropane	ND	250	502		1,1,2,2-Tetrachloroethane	ND	500	502	
1,3-Dichlorobenzene	ND	250	502		1,2,4-Trimethylbenzene	ND	500	502	
1,4-Dichlorobenzene	ND	250	502		1,2,4-Trichlorobenzene	ND	500	502	
c-1,3-Dichloropropene	ND	250	502		Vinyl Acetate	ND	500	502	
c-1,2-Dichloroethene	ND	250	502		Vinyl Chloride	ND	250	502	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 9 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060K-VP02-082205	**05-08-1456-9**	**08/22/05**	**Air**	**N/A**	**08/28/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	13000	1200	1200		t-1,2-Dichloroethene	22000	600	1200	
Benzene	ND	600	1200		t-1,3-Dichloropropene	ND	1200	1200	
Benzyl Chloride	ND	1200	1200		Ethylbenzene	ND	600	1200	
Bromodichloromethane	ND	600	1200		4-Ethyltoluene	ND	600	1200	
Bromoform	ND	600	1200		Hexachloro-1,3-Butadiene	ND	1200	1200	
Bromomethane	ND	600	1200		2-Hexanone	ND	1200	1200	
2-Butanone	ND	1200	1200		Methyl-t-Butyl Ether (MTBE)	ND	2400	1200	
Carbon Disulfide	8300	600	1200		Methylene Chloride	9000	2400	1200	
Carbon Tetrachloride	ND	600	1200		4-Methyl-2-Pentanone	ND	1200	1200	
Chlorobenzene	ND	600	1200		o-Xylene	ND	600	1200	
Chloroethane	ND	600	1200		p/m-Xylene	ND	1200	1200	
Chloroform	5600	600	1200		Styrene	ND	1200	1200	
Chloromethane	ND	600	1200		Tetrachloroethene	170000	6000	12000	
Dibromochloromethane	ND	600	1200		Toluene	ND	600	1200	
Dichlorodifluoromethane	ND	600	1200		Trichloroethene	57000	600	1200	
1,1-Dichloroethane	6100	600	1200		Trichlorofluoromethane	130000	12000	12000	
1,1-Dichloroethene	560000	6000	12000		1,1,2-Trichloro-1,2,2-Trifluoroethane	470000	12000	12000	
1,2-Dibromoethane	ND	600	1200		1,1,1-Trichloroethane	3400	600	1200	
Dichlorotetrafluoroethane	ND	2400	1200		1,1,2-Trichloroethane	ND	600	1200	
1,2-Dichlorobenzene	ND	600	1200		1,1,1,2-Tetrachloroethane	ND	600	1200	
1,2-Dichloroethane	ND	600	1200		1,3,5-Trimethylbenzene	ND	600	1200	
1,2-Dichloropropane	ND	600	1200		1,1,2,2-Tetrachloroethane	ND	1200	1200	
1,3-Dichlorobenzene	ND	600	1200		1,2,4-Trimethylbenzene	ND	1200	1200	
1,4-Dichlorobenzene	ND	600	1200		1,2,4-Trichlorobenzene	ND	1200	1200	
c-1,3-Dichloropropene	ND	600	1200		Vinyl Acetate	ND	1200	1200	
c-1,2-Dichloroethene	ND	600	1200		Vinyl Chloride	ND	600	1200	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 10 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-TB06-082205	**05-08-1456-10**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	0.77	0.5	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 11 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-006-VP04-082205	**05-08-1456-11**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	3100	790	785		t-1,2-Dichloroethene	5300	390	785	
Benzene	430	390	785		t-1,3-Dichloropropene	ND	790	785	
Benzyl Chloride	ND	790	785		Ethylbenzene	ND	390	785	
Bromodichloromethane	ND	390	785		4-Ethyltoluene	ND	390	785	
Bromoform	ND	390	785		Hexachloro-1,3-Butadiene	ND	790	785	
Bromomethane	ND	390	785		2-Hexanone	ND	790	785	
2-Butanone	ND	790	785		Methyl-t-Butyl Ether (MTBE)	ND	1600	785	
Carbon Disulfide	3200	390	785		Methylene Chloride	ND	1600	785	
Carbon Tetrachloride	ND	390	785		4-Methyl-2-Pentanone	ND	790	785	
Chlorobenzene	ND	390	785		o-Xylene	ND	390	785	
Chloroethane	ND	390	785		p/m-Xylene	ND	790	785	
Chloroform	3000	390	785		Styrene	ND	790	785	
Chloromethane	ND	390	785		Tetrachloroethene	270000	3900	7850	
Dibromochloromethane	ND	390	785		Toluene	ND	390	785	
Dichlorodifluoromethane	ND	390	785		Trichloroethene	38000	390	785	
1,1-Dichloroethane	5700	390	785		Trichlorofluoromethane	64000	7900	7850	
1,1-Dichloroethene	190000	3900	7850		1,1,2-Trichloro-1,2,2-Trifluoroethane	150000	7900	7850	
1,2-Dibromoethane	ND	390	785		1,1,1-Trichloroethane	10000	390	785	
Dichlorotetrafluoroethane	ND	1600	785		1,1,2-Trichloroethane	ND	390	785	
1,2-Dichlorobenzene	ND	390	785		1,1,1,2-Tetrachloroethane	ND	390	785	
1,2-Dichloroethane	ND	390	785		1,3,5-Trimethylbenzene	ND	390	785	
1,2-Dichloropropane	ND	390	785		1,1,2,2-Tetrachloroethane	ND	790	785	
1,3-Dichlorobenzene	ND	390	785		1,2,4-Trimethylbenzene	ND	790	785	
1,4-Dichlorobenzene	ND	390	785		1,2,4-Trichlorobenzene	ND	790	785	
c-1,3-Dichloropropene	ND	390	785		Vinyl Acetate	ND	790	785	
c-1,2-Dichloroethene	ND	390	785		Vinyl Chloride	ND	390	785	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 12 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-012-VP04-082205	**05-08-1456-12**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	290	48	48		t-1,2-Dichloroethene	4700	240	480	
Benzene	300	24	48		t-1,3-Dichloropropene	ND	48	48	
Benzyl Chloride	ND	48	48		Ethylbenzene	ND	24	48	
Bromodichloromethane	ND	24	48		4-Ethyltoluene	ND	24	48	
Bromoform	ND	24	48		Hexachloro-1,3-Butadiene	ND	48	48	
Bromomethane	ND	24	48		2-Hexanone	ND	48	48	
2-Butanone	ND	48	48		Methyl-t-Butyl Ether (MTBE)	ND	96	48	
Carbon Disulfide	ND	24	48		Methylene Chloride	ND	96	48	
Carbon Tetrachloride	37	24	48		4-Methyl-2-Pentanone	ND	48	48	
Chlorobenzene	ND	24	48		o-Xylene	ND	24	48	
Chloroethane	ND	24	48		p/m-Xylene	ND	48	48	
Chloroform	2500	240	480		Styrene	ND	48	48	
Chloromethane	ND	24	48		Tetrachloroethene	97000	2400	4800	
Dibromochloromethane	ND	24	48		Toluene	99	24	48	
Dichlorodifluoromethane	92	24	48		Trichloroethene	24000	240	480	
1,1-Dichloroethane	4900	240	480		Trichlorofluoromethane	65000	4800	4800	
1,1-Dichloroethene	170000	2400	4800		1,1,2-Trichloro-1,2,2-Trifluoroethane	150000	4800	4800	
1,2-Dibromoethane	ND	24	48		1,1,1-Trichloroethane	10000	240	480	
Dichlorotetrafluoroethane	ND	96	48		1,1,2-Trichloroethane	160	24	48	
1,2-Dichlorobenzene	ND	24	48		1,1,1,2-Tetrachloroethane	ND	24	48	
1,2-Dichloroethane	72	24	48		1,3,5-Trimethylbenzene	ND	24	48	
1,2-Dichloropropane	ND	24	48		1,1,2,2-Tetrachloroethane	ND	48	48	
1,3-Dichlorobenzene	ND	24	48		1,2,4-Trimethylbenzene	ND	48	48	
1,4-Dichlorobenzene	ND	24	48		1,2,4-Trichlorobenzene	ND	48	48	
c-1,3-Dichloropropene	ND	24	48		Vinyl Acetate	ND	48	48	
c-1,2-Dichloroethene	49	24	48		Vinyl Chloride	31	24	48	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 13 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-018-VP04-082205	**05-08-1456-13**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2200	460	456		t-1,2-Dichloroethene	4500	230	456	
Benzene	280	230	456		t-1,3-Dichloropropene	ND	460	456	
Benzyl Chloride	ND	460	456		Ethylbenzene	ND	230	456	
Bromodichloromethane	ND	230	456		4-Ethyltoluene	ND	230	456	
Bromoform	ND	230	456		Hexachloro-1,3-Butadiene	ND	460	456	
Bromomethane	ND	230	456		2-Hexanone	ND	460	456	
2-Butanone	ND	460	456		Methyl-t-Butyl Ether (MTBE)	ND	910	456	
Carbon Disulfide	1200	230	456		Methylene Chloride	ND	910	456	
Carbon Tetrachloride	ND	230	456		4-Methyl-2-Pentanone	ND	460	456	
Chlorobenzene	ND	230	456		o-Xylene	ND	230	456	
Chloroethane	ND	230	456		p/m-Xylene	ND	460	456	
Chloroform	2600	230	456		Styrene	ND	460	456	
Chloromethane	ND	230	456		Tetrachloroethene	85000	2300	4560	
Dibromochloromethane	ND	230	456		Toluene	230	230	456	
Dichlorodifluoromethane	ND	230	456		Trichloroethene	23000	230	456	
1,1-Dichloroethane	4900	230	456		Trichlorofluoromethane	63000	4600	4560	
1,1-Dichloroethene	180000	2300	4560		1,1,2-Trichloro-1,2,2-Trifluoroethane	150000	4600	4560	
1,2-Dibromoethane	ND	230	456		1,1,1-Trichloroethane	9900	230	456	
Dichlorotetrafluoroethane	ND	910	456		1,1,2-Trichloroethane	ND	230	456	
1,2-Dichlorobenzene	ND	230	456		1,1,1,2-Tetrachloroethane	ND	230	456	
1,2-Dichloroethane	ND	230	456		1,3,5-Trimethylbenzene	ND	230	456	
1,2-Dichloropropane	ND	230	456		1,1,2,2-Tetrachloroethane	ND	460	456	
1,3-Dichlorobenzene	ND	230	456		1,2,4-Trimethylbenzene	ND	460	456	
1,4-Dichlorobenzene	ND	230	456		1,2,4-Trichlorobenzene	ND	460	456	
c-1,3-Dichloropropene	ND	230	456		Vinyl Acetate	ND	460	456	
c-1,2-Dichloroethene	ND	230	456		Vinyl Chloride	ND	230	456	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 14 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-024-VP04-082205	**05-08-1456-14**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1200	240	237		t-1,2-Dichloroethene	2500	120	237	
Benzene	ND	120	237		t-1,3-Dichloropropene	ND	240	237	
Benzyl Chloride	ND	240	237		Ethylbenzene	ND	120	237	
Bromodichloromethane	ND	120	237		4-Ethyltoluene	ND	120	237	
Bromoform	ND	120	237		Hexachloro-1,3-Butadiene	ND	240	237	
Bromomethane	ND	120	237		2-Hexanone	ND	240	237	
2-Butanone	ND	240	237		Methyl-t-Butyl Ether (MTBE)	ND	470	237	
Carbon Disulfide	590	120	237		Methylene Chloride	ND	470	237	
Carbon Tetrachloride	ND	120	237		4-Methyl-2-Pentanone	ND	240	237	
Chlorobenzene	ND	120	237		o-Xylene	ND	120	237	
Chloroethane	ND	120	237		p/m-Xylene	ND	240	237	
Chloroform	1600	120	237		Styrene	ND	240	237	
Chloromethane	ND	120	237		Tetrachloroethene	14000	1200	2370	
Dibromochloromethane	ND	120	237		Toluene	ND	120	237	
Dichlorodifluoromethane	ND	120	237		Trichloroethene	6500	120	237	
1,1-Dichloroethane	1600	120	237		Trichlorofluoromethane	45000	2400	2370	
1,1-Dichloroethene	140000	2400	4740		1,1,2-Trichloro-1,2,2-Trifluoroethane	93000	2400	2370	
1,2-Dibromoethane	ND	120	237		1,1,1-Trichloroethane	2200	120	237	
Dichlorotetrafluoroethane	ND	470	237		1,1,2-Trichloroethane	ND	120	237	
1,2-Dichlorobenzene	ND	120	237		1,1,1,2-Tetrachloroethane	ND	120	237	
1,2-Dichloroethane	ND	120	237		1,3,5-Trimethylbenzene	ND	120	237	
1,2-Dichloropropane	ND	120	237		1,1,2,2-Tetrachloroethane	ND	240	237	
1,3-Dichlorobenzene	ND	120	237		1,2,4-Trimethylbenzene	ND	240	237	
1,4-Dichlorobenzene	ND	120	237		1,2,4-Trichlorobenzene	ND	240	237	
c-1,3-Dichloropropene	ND	120	237		Vinyl Acetate	ND	240	237	
c-1,2-Dichloroethene	ND	120	237		Vinyl Chloride	ND	120	237	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 15 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040-VP04-082205	**05-08-1456-15**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	3500	620	616		t-1,2-Dichloroethene	11000	310	616	
Benzene	530	310	616		t-1,3-Dichloropropene	ND	620	616	
Benzyl Chloride	ND	620	616		Ethylbenzene	ND	310	616	
Bromodichloromethane	ND	310	616		4-Ethyltoluene	ND	310	616	
Bromoform	ND	310	616		Hexachloro-1,3-Butadiene	ND	620	616	
Bromomethane	ND	310	616		2-Hexanone	660	620	616	
2-Butanone	ND	620	616		Methyl-t-Butyl Ether (MTBE)	ND	1200	616	
Carbon Disulfide	3500	310	616		Methylene Chloride	ND	1200	616	
Carbon Tetrachloride	ND	310	616		4-Methyl-2-Pentanone	ND	620	616	
Chlorobenzene	ND	310	616		o-Xylene	ND	310	616	
Chloroethane	ND	310	616		p/m-Xylene	ND	620	616	
Chloroform	8300	310	616		Styrene	ND	620	616	
Chloromethane	ND	310	616		Tetrachloroethene	160000	6200	12300	
Dibromochloromethane	ND	310	616		Toluene	310	310	616	
Dichlorodifluoromethane	ND	310	616		Trichloroethene	33000	6200	12300	
1,1-Dichloroethane	6100	310	616		Trichlorofluoromethane	69000	12000	12300	
1,1-Dichloroethene	290000	6200	12300		1,1,2-Trichloro-1,2,2-Trifluoroethane	170000	12000	12300	
1,2-Dibromoethane	ND	310	616		1,1,1-Trichloroethane	5300	310	616	
Dichlorotetrafluoroethane	ND	1200	616		1,1,2-Trichloroethane	ND	310	616	
1,2-Dichlorobenzene	ND	310	616		1,1,1,2-Tetrachloroethane	ND	310	616	
1,2-Dichloroethane	ND	310	616		1,3,5-Trimethylbenzene	ND	310	616	
1,2-Dichloropropane	ND	310	616		1,1,2,2-Tetrachloroethane	ND	620	616	
1,3-Dichlorobenzene	ND	310	616		1,2,4-Trimethylbenzene	ND	620	616	
1,4-Dichlorobenzene	ND	310	616		1,2,4-Trichlorobenzene	ND	620	616	
c-1,3-Dichloropropene	ND	310	616		Vinyl Acetate	ND	620	616	
c-1,2-Dichloroethene	ND	310	616		Vinyl Chloride	ND	310	616	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 16 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-050-VP04-082205	**05-08-1456-16**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	2600	380	378		t-1,2-Dichloroethene	7100	190	378	
Benzene	420	190	378		t-1,3-Dichloropropene	ND	380	378	
Benzyl Chloride	ND	380	378		Ethylbenzene	ND	190	378	
Bromodichloromethane	ND	190	378		4-Ethyltoluene	ND	190	378	
Bromoform	ND	190	378		Hexachloro-1,3-Butadiene	ND	380	378	
Bromomethane	ND	190	378		2-Hexanone	ND	380	378	
2-Butanone	ND	380	378		Methyl-t-Butyl Ether (MTBE)	ND	760	378	
Carbon Disulfide	2400	190	378		Methylene Chloride	1600	760	378	
Carbon Tetrachloride	ND	190	378		4-Methyl-2-Pentanone	ND	380	378	
Chlorobenzene	ND	190	378		o-Xylene	ND	190	378	
Chloroethane	ND	190	378		p/m-Xylene	ND	380	378	
Chloroform	8400	190	378		Styrene	ND	380	378	
Chloromethane	ND	190	378		Tetrachloroethene	5400	190	378	
Dibromochloromethane	ND	190	378		Toluene	ND	190	378	
Dichlorodifluoromethane	ND	190	378		Trichloroethene	9600	190	378	
1,1-Dichloroethane	6300	190	378		Trichlorofluoromethane	43000	3800	3780	
1,1-Dichloroethene	170000	1900	3780		1,1,2-Trichloro-1,2,2-Trifluoroethane	120000	3800	3780	
1,2-Dibromoethane	ND	190	378		1,1,1-Trichloroethane	3600	190	378	
Dichlorotetrafluoroethane	ND	760	378		1,1,2-Trichloroethane	ND	190	378	
1,2-Dichlorobenzene	ND	190	378		1,1,1,2-Tetrachloroethane	ND	190	378	
1,2-Dichloroethane	ND	190	378		1,3,5-Trimethylbenzene	ND	190	378	
1,2-Dichloropropane	ND	190	378		1,1,2,2-Tetrachloroethane	ND	380	378	
1,3-Dichlorobenzene	ND	190	378		1,2,4-Trimethylbenzene	ND	380	378	
1,4-Dichlorobenzene	ND	190	378		1,2,4-Trichlorobenzene	ND	380	378	
c-1,3-Dichloropropene	ND	190	378		Vinyl Acetate	ND	380	378	
c-1,2-Dichloroethene	ND	190	378		Vinyl Chloride	ND	190	378	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 17 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060-VP04-082205	**05-08-1456-17**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	3600	730	729		t-1,2-Dichloroethene	12000	360	729	
Benzene	580	360	729		t-1,3-Dichloropropene	ND	730	729	
Benzyl Chloride	ND	730	729		Ethylbenzene	ND	360	729	
Bromodichloromethane	ND	360	729		4-Ethyltoluene	ND	360	729	
Bromoform	ND	360	729		Hexachloro-1,3-Butadiene	ND	730	729	
Bromomethane	ND	360	729		2-Hexanone	ND	730	729	
2-Butanone	ND	730	729		Methyl-t-Butyl Ether (MTBE)	ND	1500	729	
Carbon Disulfide	2600	360	729		Methylene Chloride	4100	1500	729	
Carbon Tetrachloride	ND	360	729		4-Methyl-2-Pentanone	ND	730	729	
Chlorobenzene	ND	360	729		o-Xylene	ND	360	729	
Chloroethane	ND	360	729		p/m-Xylene	ND	730	729	
Chloroform	15000	360	729		Styrene	ND	730	729	
Chloromethane	ND	360	729		Tetrachloroethene	120000	3600	7290	
Dibromochloromethane	ND	360	729		Toluene	ND	360	729	
Dichlorodifluoromethane	ND	360	729		Trichloroethene	26000	360	729	
1,1-Dichloroethane	8100	360	729		Trichlorofluoromethane	44000	7300	7290	
1,1-Dichloroethene	340000	3600	7290		1,1,2-Trichloro-1,2,2-Trifluoroethane	160000	7300	7290	
1,2-Dibromoethane	ND	360	729		1,1,1-Trichloroethane	7400	360	729	
Dichlorotetrafluoroethane	ND	1500	729		1,1,2-Trichloroethane	ND	360	729	
1,2-Dichlorobenzene	ND	360	729		1,1,1,2-Tetrachloroethane	ND	360	729	
1,2-Dichloroethane	ND	360	729		1,3,5-Trimethylbenzene	ND	360	729	
1,2-Dichloropropane	ND	360	729		1,1,2,2-Tetrachloroethane	ND	730	729	
1,3-Dichlorobenzene	ND	360	729		1,2,4-Trimethylbenzene	ND	730	729	
1,4-Dichlorobenzene	ND	360	729		1,2,4-Trichlorobenzene	ND	730	729	
c-1,3-Dichloropropene	ND	360	729		Vinyl Acetate	ND	730	729	
c-1,2-Dichloroethene	ND	360	729		Vinyl Chloride	ND	360	729	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 18 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-070-VP04-082205	**05-08-1456-18**	**08/22/05**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	11000	1400	1380		t-1,2-Dichloroethene	20000	690	1380	
Benzene	1400	690	1380		t-1,3-Dichloropropene	ND	1400	1380	
Benzyl Chloride	ND	1400	1380		Ethylbenzene	ND	690	1380	
Bromodichloromethane	ND	690	1380		4-Ethyltoluene	ND	690	1380	
Bromoform	ND	690	1380		Hexachloro-1,3-Butadiene	ND	1400	1380	
Bromomethane	ND	690	1380		2-Hexanone	ND	1400	1380	
2-Butanone	ND	1400	1380		Methyl-t-Butyl Ether (MTBE)	ND	2800	1380	
Carbon Disulfide	14000	690	1380		Methylene Chloride	ND	2800	1380	
Carbon Tetrachloride	ND	690	1380		4-Methyl-2-Pentanone	ND	1400	1380	
Chlorobenzene	ND	690	1380		o-Xylene	ND	690	1380	
Chloroethane	ND	690	1380		p/m-Xylene	ND	1400	1380	
Chloroform	27000	690	1380		Styrene	ND	1400	1380	
Chloromethane	ND	690	1380		Tetrachloroethene	730000	14000	27700	
Dibromochloromethane	ND	690	1380		Toluene	ND	690	1380	
Dichlorodifluoromethane	ND	690	1380		Trichloroethene	63000	690	1380	
1,1-Dichloroethane	13000	690	1380		Trichlorofluoromethane	35000	1400	1380	
1,1-Dichloroethene	420000	14000	27700		1,1,2-Trichloro-1,2,2-Trifluoroethane	180000	28000	27700	
1,2-Dibromoethane	ND	690	1380		1,1,1-Trichloroethane	11000	690	1380	
Dichlorotetrafluoroethane	ND	2800	1380		1,1,2-Trichloroethane	ND	690	1380	
1,2-Dichlorobenzene	ND	690	1380		1,1,1,2-Tetrachloroethane	ND	690	1380	
1,2-Dichloroethane	ND	690	1380		1,3,5-Trimethylbenzene	ND	690	1380	
1,2-Dichloropropane	ND	690	1380		1,1,2,2-Tetrachloroethane	ND	1400	1380	
1,3-Dichlorobenzene	ND	690	1380		1,2,4-Trimethylbenzene	ND	1400	1380	
1,4-Dichlorobenzene	ND	690	1380		1,2,4-Trichlorobenzene	ND	1400	1380	
c-1,3-Dichloropropene	ND	690	1380		Vinyl Acetate	ND	1400	1380	
c-1,2-Dichloroethene	ND	690	1380		Vinyl Chloride	ND	690	1380	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 19 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-040K-VP04-082205	**05-08-1456-19**	**08/22/05**	**Air**	**N/A**	**08/28/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	3500	710	714		t-1,2-Dichloroethene	13000	360	714	
Benzene	630	360	714		t-1,3-Dichloropropene	ND	710	714	
Benzyl Chloride	ND	710	714		Ethylbenzene	ND	360	714	
Bromodichloromethane	ND	360	714		4-Ethyltoluene	ND	360	714	
Bromoform	ND	360	714		Hexachloro-1,3-Butadiene	ND	710	714	
Bromomethane	ND	360	714		2-Hexanone	ND	710	714	
2-Butanone	ND	710	714		Methyl-t-Butyl Ether (MTBE)	ND	1400	714	
Carbon Disulfide	2700	360	714		Methylene Chloride	ND	1400	714	
Carbon Tetrachloride	ND	360	714		4-Methyl-2-Pentanone	ND	710	714	
Chlorobenzene	ND	360	714		o-Xylene	ND	360	714	
Chloroethane	ND	360	714		p/m-Xylene	ND	710	714	
Chloroform	9900	360	714		Styrene	ND	710	714	
Chloromethane	ND	360	714		Tetrachloroethene	140000	3600	7140	
Dibromochloromethane	ND	360	714		Toluene	370	360	714	
Dichlorodifluoromethane	ND	360	714		Trichloroethene	38000	3600	7140	
1,1-Dichloroethane	7000	360	714		Trichlorofluoromethane	64000	7100	7140	
1,1-Dichloroethene	290000	3600	7140		1,1,2-Trichloro-1,2,2-Trifluoroethane	170000	7100	7140	
1,2-Dibromoethane	ND	360	714		1,1,1-Trichloroethane	6100	360	714	
Dichlorotetrafluoroethane	ND	1400	714		1,1,2-Trichloroethane	ND	360	714	
1,2-Dichlorobenzene	ND	360	714		1,1,1,2-Tetrachloroethane	ND	360	714	
1,2-Dichloroethane	ND	360	714		1,3,5-Trimethylbenzene	ND	360	714	
1,2-Dichloropropane	ND	360	714		1,1,2,2-Tetrachloroethane	ND	710	714	
1,3-Dichlorobenzene	ND	360	714		1,2,4-Trimethylbenzene	ND	710	714	
1,4-Dichlorobenzene	ND	360	714		1,2,4-Trichlorobenzene	ND	710	714	
c-1,3-Dichloropropene	ND	360	714		Vinyl Acetate	ND	710	714	
c-1,2-Dichloroethene	ND	360	714		Vinyl Chloride	ND	360	714	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 20 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-SG-060-VP03-082205	**05-08-1456-20**	**08/22/05**	**Air**	**N/A**	**08/28/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	7100	950	954		t-1,2-Dichloroethene	10000	480	954	
Benzene	1400	480	954		t-1,3-Dichloropropene	ND	950	954	
Benzyl Chloride	ND	950	954		Ethylbenzene	ND	480	954	
Bromodichloromethane	ND	480	954		4-Ethyltoluene	ND	480	954	
Bromoform	ND	480	954		Hexachloro-1,3-Butadiene	ND	950	954	
Bromomethane	ND	480	954		2-Hexanone	ND	950	954	
2-Butanone	ND	950	954		Methyl-t-Butyl Ether (MTBE)	ND	1900	954	
Carbon Disulfide	5000	480	954		Methylene Chloride	18000	1900	954	
Carbon Tetrachloride	ND	480	954		4-Methyl-2-Pentanone	ND	950	954	
Chlorobenzene	ND	480	954		o-Xylene	ND	480	954	
Chloroethane	ND	480	954		p/m-Xylene	ND	950	954	
Chloroform	15000	480	954		Styrene	ND	950	954	
Chloromethane	ND	480	954		Tetrachloroethene	350000	4800	9550	
Dibromochloromethane	ND	480	954		Toluene	500	480	954	
Dichlorodifluoromethane	ND	480	954		Trichloroethene	33000	480	954	
1,1-Dichloroethane	9000	480	954		Trichlorofluoromethane	42000	950	954	
1,1-Dichloroethene	320000	4800	9550		1,1,2-Trichloro-1,2,2-Trifluoroethane	410000	9600	9550	
1,2-Dibromoethane	ND	480	954		1,1,1-Trichloroethane	4600	480	954	
Dichlorotetrafluoroethane	ND	1900	954		1,1,2-Trichloroethane	ND	480	954	
1,2-Dichlorobenzene	ND	480	954		1,1,1,2-Tetrachloroethane	ND	480	954	
1,2-Dichloroethane	ND	480	954		1,3,5-Trimethylbenzene	ND	480	954	
1,2-Dichloropropane	ND	480	954		1,1,2,2-Tetrachloroethane	ND	950	954	
1,3-Dichlorobenzene	ND	480	954		1,2,4-Trimethylbenzene	ND	950	954	
1,4-Dichlorobenzene	ND	480	954		1,2,4-Trichlorobenzene	ND	950	954	
c-1,3-Dichloropropene	ND	480	954		Vinyl Acetate	ND	950	954	
c-1,2-Dichloroethene	ND	480	954		Vinyl Chloride	ND	480	954	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 21 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,248**	**N/A**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 22 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,249**	**N/A**	**Air**	**N/A**	**08/28/05**	**050828L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 23 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,250**	**N/A**	**Air**	**N/A**	**08/27/05**	**050827L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Camp Dresser & McKee, Inc.		Date Received:	08/22/05
18581 Teller Avenue		Work Order No:	05-08-1456
Suite 200		Preparation:	N/A
Irvine, CA 92612-1627		Method:	EPA TO-15
		Units:	ppb (v/v)
Project: Omega Chemical			Page 24 of 24

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-3,252**	**N/A**	**Air**	**N/A**	**08/30/05**	**050830L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1.0	1		t-1,2-Dichloroethene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	1.0	1	
Benzyl Chloride	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromodichloromethane	ND	0.50	1		4-Ethyltoluene	ND	0.50	1	
Bromoform	ND	0.50	1		Hexachloro-1,3-Butadiene	ND	1.0	1	
Bromomethane	ND	0.50	1		2-Hexanone	ND	1.0	1	
2-Butanone	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Carbon Disulfide	ND	0.50	1		Methylene Chloride	ND	2.0	1	
Carbon Tetrachloride	ND	0.50	1		4-Methyl-2-Pentanone	ND	1.0	1	
Chlorobenzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Chloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Chloroform	ND	0.50	1		Styrene	ND	1.0	1	
Chloromethane	ND	0.50	1		Tetrachloroethene	ND	0.50	1	
Dibromochloromethane	ND	0.50	1		Toluene	ND	0.50	1	
Dichlorodifluoromethane	ND	0.50	1		Trichloroethene	ND	0.50	1	
1,1-Dichloroethane	ND	0.50	1		Trichlorofluoromethane	ND	1.0	1	
1,1-Dichloroethene	ND	0.50	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		1,1,1-Trichloroethane	ND	0.50	1	
Dichlorotetrafluoroethane	ND	2.0	1		1,1,2-Trichloroethane	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		1,3,5-Trimethylbenzene	ND	0.50	1	
1,2-Dichloropropane	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
1,3-Dichlorobenzene	ND	0.50	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	0.50	1		1,2,4-Trichlorobenzene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1		Vinyl Acetate	ND	1.0	1	
c-1,2-Dichloroethene	ND	0.50	1		Vinyl Chloride	ND	0.50	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA TO-15 Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	RT	On Column Conc. ppbv	Estimated Conc. ppbv
05-08-1456	1	OC-SG-006-VP02-082205		Isobutane		Not found	
05-08-1456	2	OC-SG-012-VP02-082205		Isobutane		Not found	
05-08-1456	3	OC-SG-018-VP02-082205		Isobutane		Not found	
05-08-1456	4	OC-SG-024-VP02-082205		Isobutane		Not found	
05-08-1456	5	OC-SG-040-VP02-082205		Isobutane		Not found	
05-08-1456	6	OC-SG-050-VP02-082205		Isobutane		Not found	
05-08-1456	7	OC-SG-060-VP02-082205		Isobutane		Not found	
05-08-1456	8	OC-SG-070-VP02-082205		Isobutane		Not found	
05-08-1456	9	OC-SG-060K-VP02-082205		Isobutane		Not found	
05-08-1456	10	OC-SG-TB06-082205		Isobutane		Not found	
05-08-1456	11	OC-SG-006-VP04-082205		Isobutane		Not found	
05-08-1456	12	OC-SG-012-VP04-082205		Isobutane		Not found	
05-08-1456	13	OC-SG-018-VP04-082205		Isobutane		Not found	
05-08-1456	14	OC-SG-024-VP04-082205		Isobutane		Not found	
05-08-1456	15	OC-SG-040-VP04-082205		Isobutane		Not found	
05-08-1456	16	OC-SG-050-VP04-082205		Isobutane		Not found	
05-08-1456	17	OC-SG-060-VP04-082205		Isobutane		Not found	
05-08-1456	18	OC-SG-070-VP04-082205		Isobutane		Not found	
05-08-1456	19	OC-SG-040K-VP04-082205		Isobutane		Not found	
05-08-1456	20	OC-SG-060-VP03-082205		Isobutane		Not found	

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 05-08-1456
Suite 200	Preparation: N/A
Irvine, CA 92612-1627	Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,250	**Air**	**GC/MS K**	**N/A**	**08/27/05**	**050827L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	103	61-121	1	0-37	
Bromoform	108	107	62-134	1	0-38	
Carbon Tetrachloride	100	102	56-128	2	0-42	
1,2-Dibromoethane	107	107	63-123	0	0-38	
1,2-Dichlorobenzene	104	93	41-149	11	0-62	
1,2-Dichloroethane	98	98	63-123	0	0-37	
1,2-Dichloropropane	105	106	61-121	1	0-37	
1,4-Dichlorobenzene	103	95	51-147	8	0-49	
c-1,3-Dichloropropene	117	117	62-128	0	0-37	
Ethylbenzene	115	116	61-127	1	0-38	
o-Xylene	106	105	58-130	0	0-38	
p/m-Xylene	109	108	57-129	0	0-39	
Tetrachloroethene	110	110	59-119	0	0-40	
Toluene	115	116	60-120	1	0-39	
Trichloroethene	110	110	65-119	1	0-38	
1,1,2-Trichloroethane	104	104	64-124	0	0-37	
Vinyl Chloride	95	100	58-124	6	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 05-08-1456
Suite 200	Preparation: N/A
Irvine, CA 92612-1627	Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,248	**Air**	**GC/MS II**	**N/A**	**08/27/05**	**050827L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	110	111	61-121	1	0-37	
Bromoform	102	112	62-134	9	0-38	
Carbon Tetrachloride	101	104	56-128	2	0-42	
1,2-Dibromoethane	98	108	63-123	9	0-38	
1,2-Dichlorobenzene	82	90	41-149	9	0-62	
1,2-Dichloroethane	101	103	63-123	2	0-37	
1,2-Dichloropropane	105	108	61-121	2	0-37	
1,4-Dichlorobenzene	82	90	51-147	8	0-49	
c-1,3-Dichloropropene	106	108	62-128	2	0-37	
Ethylbenzene	95	104	61-127	9	0-38	
o-Xylene	92	101	58-130	9	0-38	
p/m-Xylene	94	103	57-129	9	0-39	
Tetrachloroethene	101	111	59-119	10	0-40	
Toluene	101	111	60-120	10	0-39	
Trichloroethene	107	109	65-119	2	0-38	
1,1,2-Trichloroethane	107	109	64-124	2	0-37	
Vinyl Chloride	111	112	58-124	1	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 05-08-1456
Suite 200	Preparation: N/A
Irvine, CA 92612-1627	Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,249	**Air**	**GC/MS II**	**N/A**	**08/28/05**	**050828L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	100	61-121	2	0-37	
Bromoform	109	110	62-134	1	0-38	
Carbon Tetrachloride	95	96	56-128	1	0-42	
1,2-Dibromoethane	104	105	63-123	1	0-38	
1,2-Dichlorobenzene	88	89	41-149	1	0-62	
1,2-Dichloroethane	95	97	63-123	2	0-37	
1,2-Dichloropropane	96	97	61-121	2	0-37	
1,4-Dichlorobenzene	88	89	51-147	1	0-49	
c-1,3-Dichloropropene	96	98	62-128	2	0-37	
Ethylbenzene	101	101	61-127	0	0-38	
o-Xylene	98	99	58-130	1	0-38	
p/m-Xylene	100	101	57-129	0	0-39	
Tetrachloroethene	106	108	59-119	2	0-40	
Toluene	107	107	60-120	1	0-39	
Trichloroethene	96	99	65-119	3	0-38	
1,1,2-Trichloroethane	96	97	64-124	1	0-37	
Vinyl Chloride	101	104	58-124	3	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 05-08-1456
Suite 200	Preparation: N/A
Irvine, CA 92612-1627	Method: EPA TO-15

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-3,252	**Air**	**GC/MS II**	**N/A**	**08/30/05**	**050830L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	101	61-121	0	0-37	
Bromoform	98	99	62-134	1	0-38	
Carbon Tetrachloride	99	98	56-128	1	0-42	
1,2-Dibromoethane	94	96	63-123	2	0-38	
1,2-Dichlorobenzene	78	77	41-149	0	0-62	
1,2-Dichloroethane	100	101	63-123	0	0-37	
1,2-Dichloropropane	97	97	61-121	0	0-37	
1,4-Dichlorobenzene	78	78	51-147	1	0-49	
c-1,3-Dichloropropene	99	98	62-128	0	0-37	
Ethylbenzene	91	92	61-127	1	0-38	
o-Xylene	88	88	58-130	0	0-38	
p/m-Xylene	90	91	57-129	1	0-39	
Tetrachloroethene	97	99	59-119	2	0-40	
Toluene	96	99	60-120	2	0-39	
Trichloroethene	100	99	65-119	1	0-38	
1,1,2-Trichloroethane	97	98	64-124	0	0-37	
Vinyl Chloride	105	107	58-124	2	0-37	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-08-1456

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/22/05

Page 1 of 2

LABORATORY CLIENT: CDM, Inc.
ADDRESS: 18581 Teller Ave, Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☒ Normal ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐
SPECIAL INSTRUCTIONS:
Isobutane is the leak detection gas that was used.

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Anderson
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 08-1456
COOLER RECEIPT TEMP = °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	Acetone, Freon 11,12	Freon 13 & TICs			Field PID Readings
1	OC-SG-006-VP02-082205		8/22/05	1307	Air	1												✓		✓	✓			60
2	OC-SG-012-VP02-082205			1319														✓		✓	✓			37.3
3	OC-SG-018-VP02-082205			1328														✓		✓	✓			48.7
4	OC-SG-024-VP02-082205			1338														✓		✓	✓			64
5	OC-SG-040-VP02-082205			1347														✓		✓	✓			178.3
6	OC-SG-050-VP02-082205			1358														✓		✓	✓			186.7
7	OC-SG-060-VP02-082205			1408														✓		✓	✓			205.2
8	OC-SG-070-VP02-082205			1431														✓		✓	✓			191.7
9	OC-SG-060K-VP02-082205			1424														✓		✓	✓			
10	OC-SG-TB06-082205				Air	1												✓		✓	✓			

Relinquished by: (Signature) Scott A. Anderson	Received by: (Signature) CA	Date: 08-22-05	Time: 16:20
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature) CBC	Date: 08-22-05	Time: 17:50

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Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Q&Q Graphic 714-898-9702

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 8/22/05

Page 2 of 2

LABORATORY CLIENT: CDM, Inc.

ADDRESS: 18581 Teller Ave., Suite 200

CITY: Irvine STATE: CA ZIP: 92612

TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ Normal ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS: Isobutane is the leak detection gas that was used.

CLIENT PROJECT NAME / NUMBER: Omega Chemical

PROJECT CONTACT: Sharon Wallin

SAMPLER(S): (SIGNATURE) Scott A. Anderson

COELT LOG CODE ☐☐☐☐

P.O. NO.:

LAB USE ONLY: 08-1456

COOLER RECEIPT TEMP = ____ °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or ___	BTEX / MTBE (8260B) or ___	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747 ___	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	Acetone, Freon 11, 12	Freon 13 & TICs		Field PID Readings
11	OC-SG-006-VP04-082205		8/22/05	1500	Air	1												✓		✓	✓		77.3
12	OC-SG-012-VP04-082205		↓	1513	↓	↓												✓		✓	✓		55.4
13	OC-SG-018-VP04-082205		↓	1523	↓	↓												✓		✓	✓		54.1
14	OC-SG-024-VP04-082205		↓	1533	↓	↓												✓		✓	✓		18.8
15	OC-SG-040-VP04-082205		↓	1545	↓	↓												✓		✓	✓		123.7
16	OC-SG-050-VP04-082205		↓	1542	↓	↓												✓		✓	✓		120.[illegible]
17	OC-SG-060-VP04-082205		↓	1600	↓	↓												✓		✓	✓		222.8
18	OC-SG-070-VP04-082205		↓	1606	↓	↓												✓		✓	✓		364
19	OC-SG-040K-VP04-082205		↓	1552	↓	↓												✓		✓	✓		
20	OC-SG-060-VP03-082205		8/22/05	1448	Air	1												✓		✓	✓		362

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Scott A. Anderson	[signature] CEL	08-22-05	16:20
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature)	Date:	Time:
[signature]	Sharon Fama CEL	08-22-05	17:50

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 08 - 1456

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: CDM, INC. **DATE:** 08-22-05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
✓ Ambient temperature. Summa
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: RD

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: RD

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: RD

COMMENTS:

AIR TOXICS LTD.

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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Hours 8:00 A.M to 6:00 P.M. Pacific

@ AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0512484A

Work Order Summary

CLIENT:	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612	**BILL TO:**	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612
PHONE:	949-930-2158	**P.O. #**	
FAX:	949-752-1307	**PROJECT #**	Omega Chemical
DATE RECEIVED:	12/21/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/05/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-SG-008-VP13-121205	Modified TO-15/TICs	3.0 "Hg
02A	OC-SG-020-VP13-121205	Modified TO-15/TICs	5.0 "Hg
03A	OC-SG-029-VP13-121205	Modified TO-15/TICs	3.5 "Hg
04A	OC-SG-040-VP13-121205	Modified TO-15/TICs	5.0 "Hg
04AA	OC-SG-040-VP13-121205 Duplicate	Modified TO-15/TICs	5.0 "Hg
05A	OC-SG-056-VP13-121205	Modified TO-15/TICs	1.5 "Hg
07A	OC-SG-015-VP17-121205	Modified TO-15/TICs	6.0 "Hg
07AA	OC-SG-015-VP17-121205 Duplicate	Modified TO-15/TICs	6.0 "Hg
08A	OC-SG-025-VP17-121205	Modified TO-15/TICs	3.5 "Hg
09A	OC-SG-031-VP17-121205	Modified TO-15/TICs	5.0 "Hg
10A	OC-SG-045-VP17-121205	Modified TO-15/TICs	8.5 "Hg
11A	OC-SG-060-VP17-121205	Modified TO-15/TICs	8.5 "Hg
12A	OC-SG-006-VP19-121305	Modified TO-15/TICs	3.0 "Hg
13A	OC-SG-012-VP19-121305	Modified TO-15/TICs	4.5 "Hg
14A	OC-SG-018-VP19-121305	Modified TO-15/TICs	4.0 "Hg
15A	OC-SG-024-VP19-121305	Modified TO-15/TICs	4.5 "Hg
16A	OC-SG-040-VP19-121305	Modified TO-15/TICs	4.0 "Hg

Continued on next page

WORK ORDER #: 0512484A

Work Order Summary

CLIENT:	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612	**BILL TO:**	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612
PHONE:	949-930-2158	**P.O. #**	
FAX:	949-752-1307	**PROJECT #**	Omega Chemical
DATE RECEIVED:	12/21/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/05/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
17A	OC-SG-050-VP19-121305	Modified TO-15/TICs	3.0 "Hg
18A	OC-SG-050K-VP19-121305	Modified TO-15/TICs	3.5 "Hg
19A	OC-SG-060-VP19-121305	Modified TO-15/TICs	3.5 "Hg
20A	OC-SG-070-VP19-121305	Modified TO-15/TICs	4.0 "Hg
21A	Lab Blank	Modified TO-15/TICs	NA
21B	Lab Blank	Modified TO-15/TICs	NA
22A	CCV	Modified TO-15/TICs	NA
22B	CCV	Modified TO-15/TICs	NA
23A	LCS	Modified TO-15/TICs	NA
23B	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda D. Frumarn DATE: 01/05/06

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0512484A

Nineteen 1 Liter Summa Canister samples were received on December 21, 2005. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample OC-SG-060-VP19-121305 did not match the entry on the sample tag with regard to sample identification. The discrepancy was noted in the Sample Receipt Confirmation email/fax and the information on the COC was used to process and report the sample.

Analytical Notes

The reported LCS for each daily batch has been derived from more than one analytical file.

Due to matrix interference in the Total Ion Chromatogram internal standard Bromochloromethane was not used to calculate concentration of TICs in samples OC-SG-020-VP13-121205, OC-SG-040-VP13-121205, OC-SG-040-VP13-121205 Duplicate, OC-SG-056-VP13-121205, OC-SG-024-VP19-121305, OC-SG-040-VP19-121305 and OC-SG-050K-VP19-121305 .

Due to matrix interference in the Total Ion Chromatogram internal standard Chlorobenzene-d5 was not used to calculate concentration of TICs in samples OC-SG-024-VP19-121305, OC-SG-050-VP19-121305, OC-SG-050K-VP19-121305 and OC-SG-060-VP19-121305 .

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-008-VP13-121205

Lab ID#: 0512484A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	220	2000	1200	11000
1,1-Dichloroethene	220	12000	890	50000
Freon 113	220	5300	1700	40000
1,1-Dichloroethane	220	360	910	1400
cis-1,2-Dichloroethene	220	390	890	1500
Chloroform	220	2300	1100	11000
Trichloroethene	220	6900	1200	37000
Tetrachloroethene	220	63000	1500	420000
Hexane	220	630	790	2200
Cyclohexane	220	280	770	950
2,2,4-Trimethylpentane	220	330	1000	1500

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	64%	2300 N J
Butane, 2-methyl-	78-78-4	80%	22000 N J
Pentane	109-66-0	86%	7300 N J
Pentane, 2-methyl-	107-83-5	91%	9000 N J
Pentane, 3-methyl-	96-14-0	83%	3000 N J
Cyclopentane, methyl-	96-37-7	72%	1200 N J

Client Sample ID: OC-SG-020-VP13-121205

Lab ID#: 0512484A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	34	480	190	2700
1,1-Dichloroethene	34	3700	140	14000
Freon 113	34	1300	260	10000
1,1-Dichloroethane	34	120	140	500
cis-1,2-Dichloroethene	34	180	140	690
Chloroform	34	1200	170	5900
Trichloroethene	34	1300	180	7000
Toluene	34	47	130	180
Tetrachloroethene	34	9900	230	67000
Hexane	34	41	120	140
Acetone	140	210	330	500

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	190 J

Client Sample ID: OC-SG-020-VP13-121205

Lab ID#: 0512484A-02A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane, 2-methyl-	78-78-4	80%	400 N J
Pentane, 2-methyl-	107-83-5	90%	340 N J

Client Sample ID: OC-SG-029-VP13-121205

Lab ID#: 0512484A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	920	6500	5100	37000
1,1-Dichloroethene	920	59000	3600	230000
Freon 113	920	18000	7000	140000
1,1-Dichloroethane	920	2200	3700	8700
cis-1,2-Dichloroethene	920	3300	3600	13000
Chloroform	920	22000	4500	100000
Trichloroethene	920	21000	4900	110000
Toluene	920	3300	3400	12000
Tetrachloroethene	920	180000	6200	1200000
2-Propanol	3700	15000	9000	37000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Heptane, 2,4-dimethyl-	2213-23-2	78%	5100 N J
Octane, 4-methyl-	2216-34-4	59%	5500 N J
Octane, 6-ethyl-2-methyl-	62016-19-7	59%	5700 N J
Undecane, 4,7-dimethyl-	17301-32-5	78%	6200 N J

Client Sample ID: OC-SG-040-VP13-121205

Lab ID#: 0512484A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	69	2800	390	16000
1,1-Dichloroethene	69	25000	270	99000
Freon 113	69	8000	530	61000
Methylene Chloride	69	420	240	1400
1,1-Dichloroethane	69	270	280	1100
cis-1,2-Dichloroethene	69	380	270	1500
Chloroform	69	4200	340	21000
1,1,1-Trichloroethane	69	720	380	3900
Trichloroethene	69	1600	370	8700
Tetrachloroethene	69	13000	470	89000
Hexane	69	170	240	590
Cyclohexane	69	89	240	310
trans-1,2-Dichloroethene	69	80	270	320
2,2,4-Trimethylpentane	69	110	320	500

Client Sample ID: OC-SG-040-VP13-121205

Lab ID#: 0512484A-04A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1600 J
Unknown	NA	NA	520 J
Unknown	NA	NA	1400 J
Butane, 2-methyl-	78-78-4	80%	3400 N J
Pentane, 2-methyl-	107-83-5	90%	1700 N J
Unknown	NA	NA	620 J
Cyclohexane, methyl-	108-87-2	38%	420 N J

Client Sample ID: OC-SG-040-VP13-121205 Duplicate

Lab ID#: 0512484A-04AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	48	2400	270	13000
1,1-Dichloroethene	48	21000 E	190	84000 E
Freon 113	48	6700	370	51000
Methylene Chloride	48	360	170	1200
1,1-Dichloroethane	48	220	200	910
cis-1,2-Dichloroethene	48	320	190	1300
Chloroform	48	3600	240	18000
1,1,1-Trichloroethane	48	620	260	3400
Trichloroethene	48	1400	260	7800
Toluene	48	57	180	220
Tetrachloroethene	48	11000	330	78000
Hexane	48	140	170	480
Cyclohexane	48	78	170	270
trans-1,2-Dichloroethene	48	69	190	270
2,2,4-Trimethylpentane	48	71	230	330

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1400 J
Unknown	NA	NA	1300 J
Butane, 2-methyl-	78-78-4	80%	2300 N J
Pentane, 2-methyl-	107-83-5	90%	1400 N J
Unknown	NA	NA	460 J
Cyclohexane, methyl-	108-87-2	64%	360 N J
Heptane, 3-methylene-	1632-16-2	91%	250 N J

Client Sample ID: OC-SG-056-VP13-121205

Lab ID#: 0512484A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	430	8900	2400	50000

Client Sample ID: OC-SG-056-VP13-121205

Lab ID#: 0512484A-05A

1,1-Dichloroethene	430	110000	1700	430000
Freon 113	430	33000	3300	250000
Methylene Chloride	430	6100	1500	21000
1,1-Dichloroethane	430	1800	1700	7300
cis-1,2-Dichloroethene	430	1500	1700	6000
Chloroform	430	23000	2100	110000
1,1,1-Trichloroethane	430	7200	2300	39000
Trichloroethene	430	11000	2300	59000
Toluene	430	1900	1600	7200
Tetrachloroethene	430	120000	2900	850000
Carbon Disulfide	430	770	1300	2400
2-Propanol	1700	12000	4200	29000
trans-1,2-Dichloroethene	430	430	1700	1700

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	2700 J
Butane, 2-methyl-	78-78-4	80%	2900 N J
Pentane, 2-methyl-	107-83-5	83%	4300 N J
Cyclohexane, methyl-	108-87-2	90%	3000 N J
Heptane, 2,4-dimethyl-	2213-23-2	78%	3500 N J
Octane, 4-methyl-	2216-34-4	53%	3700 N J
Octane, 6-ethyl-2-methyl-	62016-19-7	50%	4100 N J
Undecane, 4,7-dimethyl-	17301-32-5	78%	5600 N J

Client Sample ID: OC-SG-015-VP17-121205

Lab ID#: 0512484A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	17	1400	95	7600
1,1-Dichloroethene	17	3900	67	16000
Freon 113	17	2800	130	21000
Trichloroethene	17	100	91	550
Toluene	17	40	64	150
Tetrachloroethene	17	370	110	2500
m,p-Xylene	17	29	74	130
1,3-Butadiene	17	25	37	56
Hexane	17	27	60	95
Acetone	68	120	160	280
2-Butanone (Methyl Ethyl Ketone)	17	18	50	54
2,2,4-Trimethylpentane	17	19	79	89

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1200 J
Unknown	NA	NA	120 J
1-Propene, 2-methyl-	115-11-7	72%	980 N J

Client Sample ID: OC-SG-015-VP17-121205

Lab ID#: 0512484A-07A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
2-Oxetanone, 4,4-dimethyl-	1823-52-5	78%	150 N J
Butane, 2-methyl-	78-78-4	64%	140 N J
Pentane, 2-methyl-	107-83-5	68%	100 N J
Heptane, 3-methylene-	1632-16-2	91%	140 N J
Unknown	NA	NA	110 J
1-Octene, 3-ethyl-	74630-08-3	72%	100 N J
Unknown	NA	NA	110 J

Client Sample ID: OC-SG-015-VP17-121205 Duplicate

Lab ID#: 0512484A-07AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	28	1400	160	7700
1,1-Dichloroethene	28	4000	110	16000
Freon 113	28	2800	220	22000
Trichloroethene	28	100	150	550
Toluene	28	39	110	140
Tetrachloroethene	28	370	190	2500
Acetone	110	120	270	290

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1300 J
Unknown	NA	NA	150 J
1-Propene, 2-methyl-	115-11-7	80%	940 N J
2-Oxetanone, 4,4-dimethyl-	1823-52-5	50%	150 N J
Butane, 2-methyl-	78-78-4	64%	170 N J

Client Sample ID: OC-SG-025-VP17-121205

Lab ID#: 0512484A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	33	2100	180	12000
1,1-Dichloroethene	33	9200	130	36000
Freon 113	33	4800	250	37000
Trichloroethene	33	580	180	3100
Tetrachloroethene	33	1800	220	12000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	200 J
Unknown	NA	NA	200 J
Ethane, 2,2-dichloro-1,1,1-trifluoro-	306-83-2	93%	190 N J

Client Sample ID: OC-SG-031-VP17-121205

Lab ID#: 0512484A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	54	3600	300	20000
1,1-Dichloroethene	54	17000	210	67000
Freon 113	54	8400	410	64000
Trichloroethene	54	1600	290	8900
Tetrachloroethene	54	9400	370	63000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	330 J
Butane, 2-methyl-	78-78-4	72%	390 N J
Ethane, 2,2-dichloro-1,1,1-trifluoro-	306-83-2	87%	340 N J

Client Sample ID: OC-SG-045-VP17-121205

Lab ID#: 0512484A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	310	30000	1700	160000
1,1-Dichloroethene	310	58000	1200	230000
Freon 113	310	83000	2400	640000
Trichloroethene	310	1400	1700	7400
Tetrachloroethene	310	4600	2100	32000
Acetone	1200	1900	3000	4500
Carbon Disulfide	310	900	970	2800
2-Propanol	1200	1700	3000	4200

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propene, 2-methyl-	115-11-7	78%	1600 N J
Unknown	NA	NA	4500 J
Heptane, 2,4-dimethyl-	2213-23-2	59%	4300 N J
Octane, 4-methyl-	2216-34-4	78%	5700 N J
1-IODO-2-METHYLNONANE	0-00-0	72%	4400 N J
Tetradecane, 4-ethyl-	55045-14-2	64%	1600 N J
Undecane, 5,7-dimethyl-	17312-83-3	50%	6800 N J
Heptane, 2,6-dimethyl-	1072-05-5	64%	2500 N J

Client Sample ID: OC-SG-060-VP17-121205

Lab ID#: 0512484A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1400	100000	7900	570000
1,1-Dichloroethene	1400	280000	5600	1100000
Freon 113	1400	410000	11000	3200000
Trichloroethene	1400	18000	7600	98000

Client Sample ID: OC-SG-060-VP17-121205

Lab ID#: 0512484A-11A

Tetrachloroethene	1400	110000	9600	750000
2-Propanol	5600	12000	14000	29000

Client Sample ID: OC-SG-006-VP19-121305

Lab ID#: 0512484A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	9.0	760	50	4300
1,1-Dichloroethene	9.0	3300	35	13000
Freon 113	9.0	650	68	5000
1,1-Dichloroethane	9.0	9.0	36	36
Chloroform	9.0	19	44	92
Trichloroethene	9.0	2600	48	14000
Toluene	9.0	20	34	74
Tetrachloroethene	9.0	2400	61	16000
Acetone	36	44	85	100
trans-1,2-Dichloroethene	9.0	14	35	57
2-Butanone (Methyl Ethyl Ketone)	9.0	35	26	100

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Methane, chlorodifluoro-	75-45-6	90%	54 N J
1-Propene, 2-methyl-	115-11-7	80%	72 N J
Acetaldehyde	75-07-0	5.0%	54 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	94%	770 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	90%	58 N J

Client Sample ID: OC-SG-012-VP19-121305

Lab ID#: 0512484A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	9.5	840	53	4700
1,1-Dichloroethene	9.5	3600	38	14000
Freon 113	9.5	730	73	5600
1,1-Dichloroethane	9.5	11	38	46
Chloroform	9.5	22	46	110
Benzene	9.5	9.8	30	31
Trichloroethene	9.5	2700	51	15000
Toluene	9.5	40	36	150
Tetrachloroethene	9.5	2000	64	14000
m,p-Xylene	9.5	14	41	59
Acetone	38	59	90	140
trans-1,2-Dichloroethene	9.5	14	38	57
2-Butanone (Methyl Ethyl Ketone)	9.5	35	28	100

Client Sample ID: OC-SG-012-VP19-121305

Lab ID#: 0512484A-13A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Methane, chlorodifluoro-	75-45-6	64%	50 N J
1-Propene, 2-methyl-	115-11-7	78%	70 N J
Acetaldehyde	75-07-0	9.0%	62 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	94%	860 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	90%	63 N J
Heptane, 3-methylene-	1632-16-2	94%	72 N J
Unknown	NA	NA	49 J
1-Octene, 3-ethyl-	74630-08-3	43%	77 N J
Unknown	NA	NA	54 J
Bicyclo[2.2.1]hept-2-ene, 1,7,7-trimethy	464-17-5	87%	62 N J

Client Sample ID: OC-SG-018-VP19-121305

Lab ID#: 0512484A-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	5.8	600	32	3400
1,1-Dichloroethene	5.8	2000	23	7800
Freon 113	5.8	530	44	4000
1,1-Dichloroethane	5.8	8.7	23	35
Chloroform	5.8	17	28	85
Benzene	5.8	34	18	110
Trichloroethene	5.8	730	31	3900
Toluene	5.8	71	22	270
Tetrachloroethene	5.8	480	39	3300
Ethyl Benzene	5.8	7.0	25	30
m,p-Xylene	5.8	39	25	170
o-Xylene	5.8	15	25	64
1,2,4-Trimethylbenzene	5.8	6.8	28	33
Hexane	5.8	56	20	200
Cyclohexane	5.8	7.0	20	24
Heptane	5.8	31	24	120
Acetone	23	65	55	150
2-Butanone (Methyl Ethyl Ketone)	5.8	58	17	170
4-Ethyltoluene	5.8	8.5	28	42
2,2,4-Trimethylpentane	5.8	98	27	460

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	71 J
1-Propene, 2-methyl-	115-11-7	80%	150 N J
Acetaldehyde	75-07-0	9.0%	59 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	94%	480 N J
Pentane, 2-methyl-	107-83-5	87%	82 N J
Hexane, 2,2,3-trimethyl-	16747-25-4	50%	76 N J

Client Sample ID: OC-SG-018-VP19-121305

Lab ID#: 0512484A-14A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Pentane, 3-ethyl-	617-78-7	59%	110 N J
Pentane, 2,3,3-trimethyl-	560-21-4	64%	130 N J
1-Octene, 3-ethyl-	74630-08-3	40%	61 N J
.alpha.-Pinene	80-56-8	70%	64 N J

Client Sample ID: OC-SG-024-VP19-121305

Lab ID#: 0512484A-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	3.2	350	18	2000
1,1-Dichloroethene	3.2	1200	12	4700
Freon 113	3.2	340	24	2600
1,1-Dichloroethane	3.2	6.0	13	24
Chloroform	3.2	10	16	49
Benzene	3.2	16	10	50
Trichloroethene	3.2	560	17	3000
Toluene	3.2	39	12	140
Tetrachloroethene	3.2	280	22	1900
Ethyl Benzene	3.2	4.0	14	17
m,p-Xylene	3.2	19	14	82
o-Xylene	3.2	7.3	14	32
1,2,4-Trimethylbenzene	3.2	3.5	16	17
1,3-Butadiene	3.2	5.1	7.0	11
Hexane	3.2	60	11	210
Cyclohexane	3.2	5.0	11	17
Heptane	3.2	28	13	110
Acetone	13	53	30	130
2-Butanone (Methyl Ethyl Ketone)	3.2	44	9.4	130
4-Ethyltoluene	3.2	4.0	16	20
2,2,4-Trimethylpentane	3.2	150	15	700

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	120 J
1-Propene, 2-methyl-	115-11-7	80%	160 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	94%	1200 N J
Pentane, 2-methyl-	107-83-5	87%	100 N J
Hexane, 2,2,3-trimethyl-	16747-25-4	45%	100 N J
Pentane, 3-ethyl-	617-78-7	59%	160 N J
Pentane, 2,3,3-trimethyl-	560-21-4	78%	140 N J
Heptane, 3-methylene-	1632-16-2	93%	70 N J
Unknown	NA	NA	73 J
1-Octene, 3-ethyl-	74630-08-3	25%	110 N J

Client Sample ID: OC-SG-040-VP19-121305

Lab ID#: 0512484A-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.9	340	10	1900
1,1-Dichloroethene	1.9	400	7.4	1600
Freon 113	1.9	500	14	3900
Methylene Chloride	1.9	2.4	6.5	8.4
1,1-Dichloroethane	1.9	6.3	7.5	25
Chloroform	1.9	5.3	9.1	26
Benzene	1.9	12	6.0	38
Trichloroethene	1.9	120	10	640
Toluene	1.9	19	7.0	73
Tetrachloroethene	1.9	13	13	91
m,p-Xylene	1.9	5.4	8.1	23
1,3-Butadiene	1.9	11	4.1	24
Hexane	1.9	110	6.6	400
Cyclohexane	1.9	6.9	6.4	24
Heptane	1.9	20	7.6	81
Acetone	7.5	97	18	230
Carbon Disulfide	1.9	2.0	5.8	6.3
2-Butanone (Methyl Ethyl Ketone)	1.9	140	5.5	410
Ethanol	7.5	18	14	34
2,2,4-Trimethylpentane	1.9	140	8.7	650

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	430 J
1-Propene, 2-methyl-	115-11-7	72%	480 N J
Acetaldehyde	75-07-0	9.0%	250 N J
Methane, dichlorofluoro-	75-43-4	46%	1600 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	93%	3200 N J
Pentane, 2-methyl-	107-83-5	90%	320 N J
Pentane, 2,4-dimethyl-	108-08-7	91%	120 N J
Pentane, 2,3-dimethyl-	565-59-3	64%	130 N J
Unknown	NA	NA	130 J
1-Pentene, 3-ethyl-2-methyl-	19780-66-6	74%	140 N J

Client Sample ID: OC-SG-050-VP19-121305

Lab ID#: 0512484A-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	3.7	630	21	3500
1,1-Dichloroethene	3.7	530	15	2100
Freon 113	3.7	1200	29	9200
Methylene Chloride	3.7	12	13	41
1,1-Dichloroethane	3.7	13	15	53
Chloroform	3.7	7.7	18	37
Benzene	3.7	25	12	78

Client Sample ID: OC-SG-050-VP19-121305

Lab ID#: 0512484A-17A

Trichloroethene	3.7	220	20	1200
Toluene	3.7	23	14	87
Tetrachloroethene	3.7	44	25	300
m,p-Xylene	3.7	8.3	16	36
1,3-Butadiene	3.7	12	8.3	28
Hexane	3.7	190	13	680
Cyclohexane	3.7	10	13	35
Heptane	3.7	34	15	140
Acetone	15	66	35	160
2-Butanone (Methyl Ethyl Ketone)	3.7	36	11	110
2,2,4-Trimethylpentane	3.7	210	17	990

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	340 J
1-Propene, 2-methyl-	115-11-7	80%	380 N J
Methane, dichlorofluoro-	75-43-4	64%	3500 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	93%	10000 N J
Pentane, 2-methyl-	107-83-5	90%	430 N J
Pentane, 2,4-dimethyl-	108-08-7	90%	180 N J
Hexane, 2-methyl-	591-76-4	76%	230 N J
Pentane, 2,3-dimethyl-	565-59-3	74%	220 N J
Hexane, 2,3-dimethyl-	584-94-1	83%	240 N J
Unknown	NA	NA	170 J

Client Sample ID: OC-SG-050K-VP19-121305

Lab ID#: 0512484A-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	3.8	640	21	3600
1,1-Dichloroethene	3.8	550	15	2200
Freon 113	3.8	1200	29	9400
Methylene Chloride	3.8	12	13	41
1,1-Dichloroethane	3.8	14	15	55
Chloroform	3.8	8.2	19	40
Benzene	3.8	25	12	80
Trichloroethene	3.8	220	20	1200
Toluene	3.8	23	14	87
Tetrachloroethene	3.8	44	26	300
m,p-Xylene	3.8	8.4	16	37
1,3-Butadiene	3.8	14	8.4	31
Hexane	3.8	200	13	710
Cyclohexane	3.8	10	13	36
Heptane	3.8	34	16	140
Acetone	15	64	36	150
2-Butanone (Methyl Ethyl Ketone)	3.8	24	11	70
2,2,4-Trimethylpentane	3.8	220	18	1000

Client Sample ID: OC-SG-050K-VP19-121305

Lab ID#: 0512484A-18A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	390 J
1-Propene, 2-methyl-	115-11-7	80%	440 N J
Methane, dichlorofluoro-	75-43-4	64%	4000 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	91%	12000 N J
Pentane, 2-methyl-	107-83-5	90%	500 N J
Pentane, 3-methyl-	96-14-0	90%	170 N J
Pentane, 2,4-dimethyl-	108-08-7	90%	210 N J
Pentane, 2,3-dimethyl-	565-59-3	52%	260 N J
Hexane, 2,3-dimethyl-	584-94-1	78%	280 N J
Unknown	NA	NA	180 J

Client Sample ID: OC-SG-060-VP19-121305

Lab ID#: 0512484A-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	3.0	540	17	3000
1,1-Dichloroethene	3.0	460	12	1800
Freon 113	3.0	880	23	6800
1,1-Dichloroethane	3.0	23	12	95
Chloroform	3.0	9.6	15	47
Benzene	3.0	7.3	9.8	23
Trichloroethene	3.0	1200	16	6600
Toluene	3.0	20	12	74
Tetrachloroethene	3.0	430	21	2900
m,p-Xylene	3.0	12	13	51
o-Xylene	3.0	4.7	13	20
1,3-Butadiene	3.0	6.4	6.8	14
Hexane	3.0	51	11	180
Cyclohexane	3.0	3.1	10	10
Heptane	3.0	6.5	12	27
Acetone	12	64	29	150
2-Butanone (Methyl Ethyl Ketone)	3.0	70	9.0	200
2,2,4-Trimethylpentane	3.0	31	14	140

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	180 J
1-Propene, 2-methyl-	115-11-7	80%	190 N J
Acetaldehyde	75-07-0	7.0%	110 N J
Methane, dichlorofluoro-	75-43-4	70%	3500 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	93%	9500 N J
Pentane, 2-methyl-	107-83-5	90%	150 N J
Heptane, 3-methylene-	1632-16-2	93%	65 N J
Unknown	NA	NA	84 J

Client Sample ID: OC-SG-060-VP19-121305

Lab ID#: 0512484A-19A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Octene, 3-ethyl-	74630-08-3	43%	120 N J
Unknown	NA	NA	87 J

Client Sample ID: OC-SG-070-VP19-121305

Lab ID#: 0512484A-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	4.7	630	26	3600
1,1-Dichloroethene	4.7	580	18	2300
Freon 113	4.7	1100	36	8600
1,1-Dichloroethane	4.7	33	19	130
Chloroform	4.7	15	23	72
Benzene	4.7	18	15	57
Trichloroethene	4.7	1400	25	7700
Toluene	4.7	46	18	170
Tetrachloroethene	4.7	360	32	2400
Ethyl Benzene	4.7	4.6 J	20	20
m,p-Xylene	4.7	22	20	95
o-Xylene	4.7	8.5	20	37
1,3-Butadiene	4.7	12	10	26
Hexane	4.7	54	16	190
Heptane	4.7	24	19	99
Acetone	19	22	44	51
2-Butanone (Methyl Ethyl Ketone)	4.7	41	14	120
4-Ethyltoluene	4.7	4.9	23	24
2,2,4-Trimethylpentane	4.7	92	22	430

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	240 J
1-Propene, 2-methyl-	115-11-7	80%	230 N J
Methane, dichlorofluoro-	75-43-4	76%	3200 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	93%	10000 N J
Pentane, 2-methyl-	107-83-5	87%	140 N J
Heptane, 4-methyl-	589-53-7	72%	75 N J
Hexane, 2,2-dimethyl-	590-73-8	72%	210 N J
1-Pentene, 3-ethyl-2-methyl-	19780-66-6	43%	100 N J
Unknown	NA	NA	75 J
1-Octene, 3-ethyl-	74630-08-3	40%	110 N J

AIR TOXICS LTD.

Client Sample ID: OC-SG-008-VP13-121205

Lab ID#: 0512484A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010308**	**Date of Collection: 12/12/05**	
Dil. Factor:	**448**	**Date of Analysis: 1/3/06 03:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	220	Not Detected	1100	Not Detected
Freon 114	220	Not Detected	1600	Not Detected
Vinyl Chloride	220	Not Detected	570	Not Detected
Bromomethane	220	Not Detected	870	Not Detected
Chloroethane	220	Not Detected	590	Not Detected
Freon 11	220	2000	1200	11000
1,1-Dichloroethene	220	12000	890	50000
Freon 113	220	5300	1700	40000
Methylene Chloride	220	Not Detected	780	Not Detected
1,1-Dichloroethane	220	360	910	1400
cis-1,2-Dichloroethene	220	390	890	1500
Chloroform	220	2300	1100	11000
1,1,1-Trichloroethane	220	Not Detected	1200	Not Detected
Carbon Tetrachloride	220	Not Detected	1400	Not Detected
Benzene	220	Not Detected	720	Not Detected
1,2-Dichloroethane	220	Not Detected	910	Not Detected
Trichloroethene	220	6900	1200	37000
1,2-Dichloropropane	220	Not Detected	1000	Not Detected
cis-1,3-Dichloropropene	220	Not Detected	1000	Not Detected
Toluene	220	Not Detected	840	Not Detected
trans-1,3-Dichloropropene	220	Not Detected	1000	Not Detected
1,1,2-Trichloroethane	220	Not Detected	1200	Not Detected
Tetrachloroethene	220	63000	1500	420000
1,2-Dibromoethane (EDB)	220	Not Detected	1700	Not Detected
Chlorobenzene	220	Not Detected	1000	Not Detected
Ethyl Benzene	220	Not Detected	970	Not Detected
m,p-Xylene	220	Not Detected	970	Not Detected
o-Xylene	220	Not Detected	970	Not Detected
Styrene	220	Not Detected	950	Not Detected
1,1,2,2-Tetrachloroethane	220	Not Detected	1500	Not Detected
1,3,5-Trimethylbenzene	220	Not Detected	1100	Not Detected
1,2,4-Trimethylbenzene	220	Not Detected	1100	Not Detected
1,3-Dichlorobenzene	220	Not Detected	1300	Not Detected
1,4-Dichlorobenzene	220	Not Detected	1300	Not Detected
alpha-Chlorotoluene	220	Not Detected	1200	Not Detected
1,2-Dichlorobenzene	220	Not Detected	1300	Not Detected
1,3-Butadiene	220	Not Detected	500	Not Detected
Hexane	220	630	790	2200
Cyclohexane	220	280	770	950
Bromodichloromethane	220	Not Detected	1500	Not Detected
Dibromochloromethane	220	Not Detected	1900	Not Detected
Heptane	220	Not Detected	920	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-008-VP13-121205

Lab ID#: 0512484A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010308**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**448**	**Date of Analysis:**	**1/3/06 03:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	220	Not Detected	1100	Not Detected
Propylbenzene	220	Not Detected	1100	Not Detected
Chloromethane	900	Not Detected	1800	Not Detected
1,2,4-Trichlorobenzene	900	Not Detected	6600	Not Detected
Hexachlorobutadiene	900	Not Detected	9600	Not Detected
Acetone	900	Not Detected	2100	Not Detected
Carbon Disulfide	220	Not Detected	700	Not Detected
2-Propanol	900	Not Detected	2200	Not Detected
trans-1,2-Dichloroethene	220	Not Detected	890	Not Detected
2-Butanone (Methyl Ethyl Ketone)	220	Not Detected	660	Not Detected
Tetrahydrofuran	220	Not Detected	660	Not Detected
1,4-Dioxane	900	Not Detected	3200	Not Detected
4-Methyl-2-pentanone	220	Not Detected	920	Not Detected
2-Hexanone	900	Not Detected	3700	Not Detected
Bromoform	220	Not Detected	2300	Not Detected
4-Ethyltoluene	220	Not Detected	1100	Not Detected
Ethanol	900	Not Detected	1700	Not Detected
Methyl tert-butyl ether	220	Not Detected	810	Not Detected
2,2,4-Trimethylpentane	220	330	1000	1500
3-Chloropropene	900	Not Detected	2800	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Butane	106-97-8	64%	2300 N J
Butane, 2-methyl-	78-78-4	80%	22000 N J
Pentane	109-66-0	86%	7300 N J
Pentane, 2-methyl-	107-83-5	91%	9000 N J
Pentane, 3-methyl-	96-14-0	83%	3000 N J
Cyclopentane, methyl-	96-37-7	72%	1200 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-020-VP13-121205

Lab ID#: 0512484A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010309**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**69.1**	**Date of Analysis:**	**1/3/06 04:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	34	Not Detected	170	Not Detected
Freon 114	34	Not Detected	240	Not Detected
Vinyl Chloride	34	Not Detected	88	Not Detected
Bromomethane	34	Not Detected	130	Not Detected
Chloroethane	34	Not Detected	91	Not Detected
Freon 11	34	480	190	2700
1,1-Dichloroethene	34	3700	140	14000
Freon 113	34	1300	260	10000
Methylene Chloride	34	Not Detected	120	Not Detected
1,1-Dichloroethane	34	120	140	500
cis-1,2-Dichloroethene	34	180	140	690
Chloroform	34	1200	170	5900
1,1,1-Trichloroethane	34	Not Detected	190	Not Detected
Carbon Tetrachloride	34	Not Detected	220	Not Detected
Benzene	34	Not Detected	110	Not Detected
1,2-Dichloroethane	34	Not Detected	140	Not Detected
Trichloroethene	34	1300	180	7000
1,2-Dichloropropane	34	Not Detected	160	Not Detected
cis-1,3-Dichloropropene	34	Not Detected	160	Not Detected
Toluene	34	47	130	180
trans-1,3-Dichloropropene	34	Not Detected	160	Not Detected
1,1,2-Trichloroethane	34	Not Detected	190	Not Detected
Tetrachloroethene	34	9900	230	67000
1,2-Dibromoethane (EDB)	34	Not Detected	260	Not Detected
Chlorobenzene	34	Not Detected	160	Not Detected
Ethyl Benzene	34	Not Detected	150	Not Detected
m,p-Xylene	34	Not Detected	150	Not Detected
o-Xylene	34	Not Detected	150	Not Detected
Styrene	34	Not Detected	150	Not Detected
1,1,2,2-Tetrachloroethane	34	Not Detected	240	Not Detected
1,3,5-Trimethylbenzene	34	Not Detected	170	Not Detected
1,2,4-Trimethylbenzene	34	Not Detected	170	Not Detected
1,3-Dichlorobenzene	34	Not Detected	210	Not Detected
1,4-Dichlorobenzene	34	Not Detected	210	Not Detected
alpha-Chlorotoluene	34	Not Detected	180	Not Detected
1,2-Dichlorobenzene	34	Not Detected	210	Not Detected
1,3-Butadiene	34	Not Detected	76	Not Detected
Hexane	34	41	120	140
Cyclohexane	34	Not Detected	120	Not Detected
Bromodichloromethane	34	Not Detected	230	Not Detected
Dibromochloromethane	34	Not Detected	290	Not Detected
Heptane	34	Not Detected	140	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-020-VP13-121205

Lab ID#: 0512484A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010309**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**69.1**	**Date of Analysis:**	**1/3/06 04:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	34	Not Detected	170	Not Detected
Propylbenzene	34	Not Detected	170	Not Detected
Chloromethane	140	Not Detected	280	Not Detected
1,2,4-Trichlorobenzene	140	Not Detected	1000	Not Detected
Hexachlorobutadiene	140	Not Detected	1500	Not Detected
Acetone	140	210	330	500
Carbon Disulfide	34	Not Detected	110	Not Detected
2-Propanol	140	Not Detected	340	Not Detected
trans-1,2-Dichloroethene	34	Not Detected	140	Not Detected
2-Butanone (Methyl Ethyl Ketone)	34	Not Detected	100	Not Detected
Tetrahydrofuran	34	Not Detected	100	Not Detected
1,4-Dioxane	140	Not Detected	500	Not Detected
4-Methyl-2-pentanone	34	Not Detected	140	Not Detected
2-Hexanone	140	Not Detected	570	Not Detected
Bromoform	34	Not Detected	360	Not Detected
4-Ethyltoluene	34	Not Detected	170	Not Detected
Ethanol	140	Not Detected	260	Not Detected
Methyl tert-butyl ether	34	Not Detected	120	Not Detected
2,2,4-Trimethylpentane	34	Not Detected	160	Not Detected
3-Chloropropene	140	Not Detected	430	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	190 J
Butane, 2-methyl-	78-78-4	80%	400 N J
Pentane, 2-methyl-	107-83-5	90%	340 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-029-VP13-121205

Lab ID#: 0512484A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010327**	**Date of Collection: 12/12/05**	
Dil. Factor:	**1830**	**Date of Analysis: 1/4/06 07:32 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	920	Not Detected	4500	Not Detected
Freon 114	920	Not Detected	6400	Not Detected
Vinyl Chloride	920	Not Detected	2300	Not Detected
Bromomethane	920	Not Detected	3600	Not Detected
Chloroethane	920	Not Detected	2400	Not Detected
Freon 11	920	6500	5100	37000
1,1-Dichloroethene	920	59000	3600	230000
Freon 113	920	18000	7000	140000
Methylene Chloride	920	Not Detected	3200	Not Detected
1,1-Dichloroethane	920	2200	3700	8700
cis-1,2-Dichloroethene	920	3300	3600	13000
Chloroform	920	22000	4500	100000
1,1,1-Trichloroethane	920	Not Detected	5000	Not Detected
Carbon Tetrachloride	920	Not Detected	5800	Not Detected
Benzene	920	Not Detected	2900	Not Detected
1,2-Dichloroethane	920	Not Detected	3700	Not Detected
Trichloroethene	920	21000	4900	110000
1,2-Dichloropropane	920	Not Detected	4200	Not Detected
cis-1,3-Dichloropropene	920	Not Detected	4200	Not Detected
Toluene	920	3300	3400	12000
trans-1,3-Dichloropropene	920	Not Detected	4200	Not Detected
1,1,2-Trichloroethane	920	Not Detected	5000	Not Detected
Tetrachloroethene	920	180000	6200	1200000
1,2-Dibromoethane (EDB)	920	Not Detected	7000	Not Detected
Chlorobenzene	920	Not Detected	4200	Not Detected
Ethyl Benzene	920	Not Detected	4000	Not Detected
m,p-Xylene	920	Not Detected	4000	Not Detected
o-Xylene	920	Not Detected	4000	Not Detected
Styrene	920	Not Detected	3900	Not Detected
1,1,2,2-Tetrachloroethane	920	Not Detected	6300	Not Detected
1,3,5-Trimethylbenzene	920	Not Detected	4500	Not Detected
1,2,4-Trimethylbenzene	920	Not Detected	4500	Not Detected
1,3-Dichlorobenzene	920	Not Detected	5500	Not Detected
1,4-Dichlorobenzene	920	Not Detected	5500	Not Detected
alpha-Chlorotoluene	920	Not Detected	4700	Not Detected
1,2-Dichlorobenzene	920	Not Detected	5500	Not Detected
1,3-Butadiene	920	Not Detected	2000	Not Detected
Hexane	920	Not Detected	3200	Not Detected
Cyclohexane	920	Not Detected	3100	Not Detected
Bromodichloromethane	920	Not Detected	6100	Not Detected
Dibromochloromethane	920	Not Detected	7800	Not Detected
Heptane	920	Not Detected	3700	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-029-VP13-121205

Lab ID#: 0512484A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010327**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**1830**	**Date of Analysis:**	**1/4/06 07:32 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	920	Not Detected	4500	Not Detected
Propylbenzene	920	Not Detected	4500	Not Detected
Chloromethane	3700	Not Detected	7600	Not Detected
1,2,4-Trichlorobenzene	3700	Not Detected	27000	Not Detected
Hexachlorobutadiene	3700	Not Detected	39000	Not Detected
Acetone	3700	Not Detected	8700	Not Detected
Carbon Disulfide	920	Not Detected	2800	Not Detected
2-Propanol	3700	15000	9000	37000
trans-1,2-Dichloroethene	920	Not Detected	3600	Not Detected
2-Butanone (Methyl Ethyl Ketone)	920	Not Detected	2700	Not Detected
Tetrahydrofuran	920	Not Detected	2700	Not Detected
1,4-Dioxane	3700	Not Detected	13000	Not Detected
4-Methyl-2-pentanone	920	Not Detected	3700	Not Detected
2-Hexanone	3700	Not Detected	15000	Not Detected
Bromoform	920	Not Detected	9400	Not Detected
4-Ethyltoluene	920	Not Detected	4500	Not Detected
Ethanol	3700	Not Detected	6900	Not Detected
Methyl tert-butyl ether	920	Not Detected	3300	Not Detected
2,2,4-Trimethylpentane	920	Not Detected	4300	Not Detected
3-Chloropropene	3700	Not Detected	11000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Heptane, 2,4-dimethyl-	2213-23-2	78%	5100 N J
Octane, 4-methyl-	2216-34-4	59%	5500 N J
Octane, 6-ethyl-2-methyl-	62016-19-7	59%	5700 N J
Undecane, 4,7-dimethyl-	17301-32-5	78%	6200 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP13-121205

Lab ID#: 0512484A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010311**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**138**	**Date of Analysis:**	**1/3/06 06:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	69	Not Detected	340	Not Detected
Freon 114	69	Not Detected	480	Not Detected
Vinyl Chloride	69	Not Detected	180	Not Detected
Bromomethane	69	Not Detected	270	Not Detected
Chloroethane	69	Not Detected	180	Not Detected
Freon 11	69	2800	390	16000
1,1-Dichloroethene	69	25000	270	99000
Freon 113	69	8000	530	61000
Methylene Chloride	69	420	240	1400
1,1-Dichloroethane	69	270	280	1100
cis-1,2-Dichloroethene	69	380	270	1500
Chloroform	69	4200	340	21000
1,1,1-Trichloroethane	69	720	380	3900
Carbon Tetrachloride	69	Not Detected	430	Not Detected
Benzene	69	Not Detected	220	Not Detected
1,2-Dichloroethane	69	Not Detected	280	Not Detected
Trichloroethene	69	1600	370	8700
1,2-Dichloropropane	69	Not Detected	320	Not Detected
cis-1,3-Dichloropropene	69	Not Detected	310	Not Detected
Toluene	69	Not Detected	260	Not Detected
trans-1,3-Dichloropropene	69	Not Detected	310	Not Detected
1,1,2-Trichloroethane	69	Not Detected	380	Not Detected
Tetrachloroethene	69	13000	470	89000
1,2-Dibromoethane (EDB)	69	Not Detected	530	Not Detected
Chlorobenzene	69	Not Detected	320	Not Detected
Ethyl Benzene	69	Not Detected	300	Not Detected
m,p-Xylene	69	Not Detected	300	Not Detected
o-Xylene	69	Not Detected	300	Not Detected
Styrene	69	Not Detected	290	Not Detected
1,1,2,2-Tetrachloroethane	69	Not Detected	470	Not Detected
1,3,5-Trimethylbenzene	69	Not Detected	340	Not Detected
1,2,4-Trimethylbenzene	69	Not Detected	340	Not Detected
1,3-Dichlorobenzene	69	Not Detected	410	Not Detected
1,4-Dichlorobenzene	69	Not Detected	410	Not Detected
alpha-Chlorotoluene	69	Not Detected	360	Not Detected
1,2-Dichlorobenzene	69	Not Detected	410	Not Detected
1,3-Butadiene	69	Not Detected	150	Not Detected
Hexane	69	170	240	590
Cyclohexane	69	89	240	310
Bromodichloromethane	69	Not Detected	460	Not Detected
Dibromochloromethane	69	Not Detected	590	Not Detected
Heptane	69	Not Detected	280	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP13-121205

Lab ID#: 0512484A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010311**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**138**	**Date of Analysis:**	**1/3/06 06:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	69	Not Detected	340	Not Detected
Propylbenzene	69	Not Detected	340	Not Detected
Chloromethane	280	Not Detected	570	Not Detected
1,2,4-Trichlorobenzene	280	Not Detected	2000	Not Detected
Hexachlorobutadiene	280	Not Detected	2900	Not Detected
Acetone	280	Not Detected	660	Not Detected
Carbon Disulfide	69	Not Detected	210	Not Detected
2-Propanol	280	Not Detected	680	Not Detected
trans-1,2-Dichloroethene	69	80	270	320
2-Butanone (Methyl Ethyl Ketone)	69	Not Detected	200	Not Detected
Tetrahydrofuran	69	Not Detected	200	Not Detected
1,4-Dioxane	280	Not Detected	990	Not Detected
4-Methyl-2-pentanone	69	Not Detected	280	Not Detected
2-Hexanone	280	Not Detected	1100	Not Detected
Bromoform	69	Not Detected	710	Not Detected
4-Ethyltoluene	69	Not Detected	340	Not Detected
Ethanol	280	Not Detected	520	Not Detected
Methyl tert-butyl ether	69	Not Detected	250	Not Detected
2,2,4-Trimethylpentane	69	110	320	500
3-Chloropropene	280	Not Detected	860	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1600 J
Unknown	NA	NA	520 J
Unknown	NA	NA	1400 J
Butane, 2-methyl-	78-78-4	80%	3400 N J
Pentane, 2-methyl-	107-83-5	90%	1700 N J
Unknown	NA	NA	620 J
Cyclohexane, methyl-	108-87-2	38%	420 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP13-121205 Duplicate

Lab ID#: 0512484A-04AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010310**	**Date of Collection: 12/12/05**	
Dil. Factor:	**96.8**	**Date of Analysis: 1/3/06 05:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	48	Not Detected	240	Not Detected
Freon 114	48	Not Detected	340	Not Detected
Vinyl Chloride	48	Not Detected	120	Not Detected
Bromomethane	48	Not Detected	190	Not Detected
Chloroethane	48	Not Detected	130	Not Detected
Freon 11	48	2400	270	13000
1,1-Dichloroethene	48	21000 E	190	84000 E
Freon 113	48	6700	370	51000
Methylene Chloride	48	360	170	1200
1,1-Dichloroethane	48	220	200	910
cis-1,2-Dichloroethene	48	320	190	1300
Chloroform	48	3600	240	18000
1,1,1-Trichloroethane	48	620	260	3400
Carbon Tetrachloride	48	Not Detected	300	Not Detected
Benzene	48	Not Detected	150	Not Detected
1,2-Dichloroethane	48	Not Detected	200	Not Detected
Trichloroethene	48	1400	260	7800
1,2-Dichloropropane	48	Not Detected	220	Not Detected
cis-1,3-Dichloropropene	48	Not Detected	220	Not Detected
Toluene	48	57	180	220
trans-1,3-Dichloropropene	48	Not Detected	220	Not Detected
1,1,2-Trichloroethane	48	Not Detected	260	Not Detected
Tetrachloroethene	48	11000	330	78000
1,2-Dibromoethane (EDB)	48	Not Detected	370	Not Detected
Chlorobenzene	48	Not Detected	220	Not Detected
Ethyl Benzene	48	Not Detected	210	Not Detected
m,p-Xylene	48	Not Detected	210	Not Detected
o-Xylene	48	Not Detected	210	Not Detected
Styrene	48	Not Detected	210	Not Detected
1,1,2,2-Tetrachloroethane	48	Not Detected	330	Not Detected
1,3,5-Trimethylbenzene	48	Not Detected	240	Not Detected
1,2,4-Trimethylbenzene	48	Not Detected	240	Not Detected
1,3-Dichlorobenzene	48	Not Detected	290	Not Detected
1,4-Dichlorobenzene	48	Not Detected	290	Not Detected
alpha-Chlorotoluene	48	Not Detected	250	Not Detected
1,2-Dichlorobenzene	48	Not Detected	290	Not Detected
1,3-Butadiene	48	Not Detected	110	Not Detected
Hexane	48	140	170	480
Cyclohexane	48	78	170	270
Bromodichloromethane	48	Not Detected	320	Not Detected
Dibromochloromethane	48	Not Detected	410	Not Detected
Heptane	48	Not Detected	200	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP13-121205 Duplicate

Lab ID#: 0512484A-04AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010310**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**96.8**	**Date of Analysis:**	**1/3/06 05:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	48	Not Detected	240	Not Detected
Propylbenzene	48	Not Detected	240	Not Detected
Chloromethane	190	Not Detected	400	Not Detected
1,2,4-Trichlorobenzene	190	Not Detected	1400	Not Detected
Hexachlorobutadiene	190	Not Detected	2100	Not Detected
Acetone	190	Not Detected	460	Not Detected
Carbon Disulfide	48	Not Detected	150	Not Detected
2-Propanol	190	Not Detected	480	Not Detected
trans-1,2-Dichloroethene	48	69	190	270
2-Butanone (Methyl Ethyl Ketone)	48	Not Detected	140	Not Detected
Tetrahydrofuran	48	Not Detected	140	Not Detected
1,4-Dioxane	190	Not Detected	700	Not Detected
4-Methyl-2-pentanone	48	Not Detected	200	Not Detected
2-Hexanone	190	Not Detected	790	Not Detected
Bromoform	48	Not Detected	500	Not Detected
4-Ethyltoluene	48	Not Detected	240	Not Detected
Ethanol	190	Not Detected	360	Not Detected
Methyl tert-butyl ether	48	Not Detected	170	Not Detected
2,2,4-Trimethylpentane	48	71	230	330
3-Chloropropene	190	Not Detected	600	Not Detected

E = Exceeds instrument calibration range.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1400 J
Unknown	NA	NA	1300 J
Butane, 2-methyl-	78-78-4	80%	2300 N J
Pentane, 2-methyl-	107-83-5	90%	1400 N J
Unknown	NA	NA	460 J
Cyclohexane, methyl-	108-87-2	64%	360 N J
Heptane, 3-methylene-	1632-16-2	91%	250 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-056-VP13-121205

Lab ID#: 0512484A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010328**	**Date of Collection: 12/12/05**	
Dil. Factor:	**852**	**Date of Analysis: 1/4/06 08:22 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	430	Not Detected	2100	Not Detected
Freon 114	430	Not Detected	3000	Not Detected
Vinyl Chloride	430	Not Detected	1100	Not Detected
Bromomethane	430	Not Detected	1600	Not Detected
Chloroethane	430	Not Detected	1100	Not Detected
Freon 11	430	8900	2400	50000
1,1-Dichloroethene	430	110000	1700	430000
Freon 113	430	33000	3300	250000
Methylene Chloride	430	6100	1500	21000
1,1-Dichloroethane	430	1800	1700	7300
cis-1,2-Dichloroethene	430	1500	1700	6000
Chloroform	430	23000	2100	110000
1,1,1-Trichloroethane	430	7200	2300	39000
Carbon Tetrachloride	430	Not Detected	2700	Not Detected
Benzene	430	Not Detected	1400	Not Detected
1,2-Dichloroethane	430	Not Detected	1700	Not Detected
Trichloroethene	430	11000	2300	59000
1,2-Dichloropropane	430	Not Detected	2000	Not Detected
cis-1,3-Dichloropropene	430	Not Detected	1900	Not Detected
Toluene	430	1900	1600	7200
trans-1,3-Dichloropropene	430	Not Detected	1900	Not Detected
1,1,2-Trichloroethane	430	Not Detected	2300	Not Detected
Tetrachloroethene	430	120000	2900	850000
1,2-Dibromoethane (EDB)	430	Not Detected	3300	Not Detected
Chlorobenzene	430	Not Detected	2000	Not Detected
Ethyl Benzene	430	Not Detected	1800	Not Detected
m,p-Xylene	430	Not Detected	1800	Not Detected
o-Xylene	430	Not Detected	1800	Not Detected
Styrene	430	Not Detected	1800	Not Detected
1,1,2,2-Tetrachloroethane	430	Not Detected	2900	Not Detected
1,3,5-Trimethylbenzene	430	Not Detected	2100	Not Detected
1,2,4-Trimethylbenzene	430	Not Detected	2100	Not Detected
1,3-Dichlorobenzene	430	Not Detected	2600	Not Detected
1,4-Dichlorobenzene	430	Not Detected	2600	Not Detected
alpha-Chlorotoluene	430	Not Detected	2200	Not Detected
1,2-Dichlorobenzene	430	Not Detected	2600	Not Detected
1,3-Butadiene	430	Not Detected	940	Not Detected
Hexane	430	Not Detected	1500	Not Detected
Cyclohexane	430	Not Detected	1500	Not Detected
Bromodichloromethane	430	Not Detected	2800	Not Detected
Dibromochloromethane	430	Not Detected	3600	Not Detected
Heptane	430	Not Detected	1700	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-056-VP13-121205

Lab ID#: 0512484A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010328**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**852**	**Date of Analysis:**	**1/4/06 08:22 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	430	Not Detected	2100	Not Detected
Propylbenzene	430	Not Detected	2100	Not Detected
Chloromethane	1700	Not Detected	3500	Not Detected
1,2,4-Trichlorobenzene	1700	Not Detected	13000	Not Detected
Hexachlorobutadiene	1700	Not Detected	18000	Not Detected
Acetone	1700	Not Detected	4000	Not Detected
Carbon Disulfide	430	770	1300	2400
2-Propanol	1700	12000	4200	29000
trans-1,2-Dichloroethene	430	430	1700	1700
2-Butanone (Methyl Ethyl Ketone)	430	Not Detected	1200	Not Detected
Tetrahydrofuran	430	Not Detected	1200	Not Detected
1,4-Dioxane	1700	Not Detected	6100	Not Detected
4-Methyl-2-pentanone	430	Not Detected	1700	Not Detected
2-Hexanone	1700	Not Detected	7000	Not Detected
Bromoform	430	Not Detected	4400	Not Detected
4-Ethyltoluene	430	Not Detected	2100	Not Detected
Ethanol	1700	Not Detected	3200	Not Detected
Methyl tert-butyl ether	430	Not Detected	1500	Not Detected
2,2,4-Trimethylpentane	430	Not Detected	2000	Not Detected
3-Chloropropene	1700	Not Detected	5300	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	2700 J
Butane, 2-methyl-	78-78-4	80%	2900 N J
Pentane, 2-methyl-	107-83-5	83%	4300 N J
Cyclohexane, methyl-	108-87-2	90%	3000 N J
Heptane, 2,4-dimethyl-	2213-23-2	78%	3500 N J
Octane, 4-methyl-	2216-34-4	53%	3700 N J
Octane, 6-ethyl-2-methyl-	62016-19-7	50%	4100 N J
Undecane, 4,7-dimethyl-	17301-32-5	78%	5600 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-015-VP17-121205

Lab ID#: 0512484A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010313**	**Date of Collection: 12/12/05**	
Dil. Factor:	**33.9**	**Date of Analysis: 1/3/06 07:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	17	Not Detected	84	Not Detected
Freon 114	17	Not Detected	120	Not Detected
Vinyl Chloride	17	Not Detected	43	Not Detected
Bromomethane	17	Not Detected	66	Not Detected
Chloroethane	17	Not Detected	45	Not Detected
Freon 11	17	1400	95	7600
1,1-Dichloroethene	17	3900	67	16000
Freon 113	17	2800	130	21000
Methylene Chloride	17	Not Detected	59	Not Detected
1,1-Dichloroethane	17	Not Detected	69	Not Detected
cis-1,2-Dichloroethene	17	Not Detected	67	Not Detected
Chloroform	17	Not Detected	83	Not Detected
1,1,1-Trichloroethane	17	Not Detected	92	Not Detected
Carbon Tetrachloride	17	Not Detected	110	Not Detected
Benzene	17	Not Detected	54	Not Detected
1,2-Dichloroethane	17	Not Detected	69	Not Detected
Trichloroethene	17	100	91	550
1,2-Dichloropropane	17	Not Detected	78	Not Detected
cis-1,3-Dichloropropene	17	Not Detected	77	Not Detected
Toluene	17	40	64	150
trans-1,3-Dichloropropene	17	Not Detected	77	Not Detected
1,1,2-Trichloroethane	17	Not Detected	92	Not Detected
Tetrachloroethene	17	370	110	2500
1,2-Dibromoethane (EDB)	17	Not Detected	130	Not Detected
Chlorobenzene	17	Not Detected	78	Not Detected
Ethyl Benzene	17	Not Detected	74	Not Detected
m,p-Xylene	17	29	74	130
o-Xylene	17	Not Detected	74	Not Detected
Styrene	17	Not Detected	72	Not Detected
1,1,2,2-Tetrachloroethane	17	Not Detected	120	Not Detected
1,3,5-Trimethylbenzene	17	Not Detected	83	Not Detected
1,2,4-Trimethylbenzene	17	Not Detected	83	Not Detected
1,3-Dichlorobenzene	17	Not Detected	100	Not Detected
1,4-Dichlorobenzene	17	Not Detected	100	Not Detected
alpha-Chlorotoluene	17	Not Detected	88	Not Detected
1,2-Dichlorobenzene	17	Not Detected	100	Not Detected
1,3-Butadiene	17	25	37	56
Hexane	17	27	60	95
Cyclohexane	17	Not Detected	58	Not Detected
Bromodichloromethane	17	Not Detected	110	Not Detected
Dibromochloromethane	17	Not Detected	140	Not Detected
Heptane	17	Not Detected	69	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-015-VP17-121205

Lab ID#: 0512484A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010313**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**33.9**	**Date of Analysis:**	**1/3/06 07:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	17	Not Detected	83	Not Detected
Propylbenzene	17	Not Detected	83	Not Detected
Chloromethane	68	Not Detected	140	Not Detected
1,2,4-Trichlorobenzene	68	Not Detected	500	Not Detected
Hexachlorobutadiene	68	Not Detected	720	Not Detected
Acetone	68	120	160	280
Carbon Disulfide	17	Not Detected	53	Not Detected
2-Propanol	68	Not Detected	170	Not Detected
trans-1,2-Dichloroethene	17	Not Detected	67	Not Detected
2-Butanone (Methyl Ethyl Ketone)	17	18	50	54
Tetrahydrofuran	17	Not Detected	50	Not Detected
1,4-Dioxane	68	Not Detected	240	Not Detected
4-Methyl-2-pentanone	17	Not Detected	69	Not Detected
2-Hexanone	68	Not Detected	280	Not Detected
Bromoform	17	Not Detected	180	Not Detected
4-Ethyltoluene	17	Not Detected	83	Not Detected
Ethanol	68	Not Detected	130	Not Detected
Methyl tert-butyl ether	17	Not Detected	61	Not Detected
2,2,4-Trimethylpentane	17	19	79	89
3-Chloropropene	68	Not Detected	210	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1200 J
Unknown	NA	NA	120 J
1-Propene, 2-methyl-	115-11-7	72%	980 N J
2-Oxetanone, 4,4-dimethyl-	1823-52-5	78%	150 N J
Butane, 2-methyl-	78-78-4	64%	140 N J
Pentane, 2-methyl-	107-83-5	68%	100 N J
Heptane, 3-methylene-	1632-16-2	91%	140 N J
Unknown	NA	NA	110 J
1-Octene, 3-ethyl-	74630-08-3	72%	100 N J
Unknown	NA	NA	110 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-015-VP17-121205 Duplicate

Lab ID#: 0512484A-07AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010312**	**Date of Collection: 12/12/05**	
Dil. Factor:	**56.5**	**Date of Analysis: 1/3/06 07:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	28	Not Detected	140	Not Detected
Freon 114	28	Not Detected	200	Not Detected
Vinyl Chloride	28	Not Detected	72	Not Detected
Bromomethane	28	Not Detected	110	Not Detected
Chloroethane	28	Not Detected	74	Not Detected
Freon 11	28	1400	160	7700
1,1-Dichloroethene	28	4000	110	16000
Freon 113	28	2800	220	22000
Methylene Chloride	28	Not Detected	98	Not Detected
1,1-Dichloroethane	28	Not Detected	110	Not Detected
cis-1,2-Dichloroethene	28	Not Detected	110	Not Detected
Chloroform	28	Not Detected	140	Not Detected
1,1,1-Trichloroethane	28	Not Detected	150	Not Detected
Carbon Tetrachloride	28	Not Detected	180	Not Detected
Benzene	28	Not Detected	90	Not Detected
1,2-Dichloroethane	28	Not Detected	110	Not Detected
Trichloroethene	28	100	150	550
1,2-Dichloropropane	28	Not Detected	130	Not Detected
cis-1,3-Dichloropropene	28	Not Detected	130	Not Detected
Toluene	28	39	110	140
trans-1,3-Dichloropropene	28	Not Detected	130	Not Detected
1,1,2-Trichloroethane	28	Not Detected	150	Not Detected
Tetrachloroethene	28	370	190	2500
1,2-Dibromoethane (EDB)	28	Not Detected	220	Not Detected
Chlorobenzene	28	Not Detected	130	Not Detected
Ethyl Benzene	28	Not Detected	120	Not Detected
m,p-Xylene	28	Not Detected	120	Not Detected
o-Xylene	28	Not Detected	120	Not Detected
Styrene	28	Not Detected	120	Not Detected
1,1,2,2-Tetrachloroethane	28	Not Detected	190	Not Detected
1,3,5-Trimethylbenzene	28	Not Detected	140	Not Detected
1,2,4-Trimethylbenzene	28	Not Detected	140	Not Detected
1,3-Dichlorobenzene	28	Not Detected	170	Not Detected
1,4-Dichlorobenzene	28	Not Detected	170	Not Detected
alpha-Chlorotoluene	28	Not Detected	150	Not Detected
1,2-Dichlorobenzene	28	Not Detected	170	Not Detected
1,3-Butadiene	28	Not Detected	62	Not Detected
Hexane	28	Not Detected	100	Not Detected
Cyclohexane	28	Not Detected	97	Not Detected
Bromodichloromethane	28	Not Detected	190	Not Detected
Dibromochloromethane	28	Not Detected	240	Not Detected
Heptane	28	Not Detected	120	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-015-VP17-121205 Duplicate

Lab ID#: 0512484A-07AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010312**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**56.5**	**Date of Analysis:**	**1/3/06 07:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	28	Not Detected	140	Not Detected
Propylbenzene	28	Not Detected	140	Not Detected
Chloromethane	110	Not Detected	230	Not Detected
1,2,4-Trichlorobenzene	110	Not Detected	840	Not Detected
Hexachlorobutadiene	110	Not Detected	1200	Not Detected
Acetone	110	120	270	290
Carbon Disulfide	28	Not Detected	88	Not Detected
2-Propanol	110	Not Detected	280	Not Detected
trans-1,2-Dichloroethene	28	Not Detected	110	Not Detected
2-Butanone (Methyl Ethyl Ketone)	28	Not Detected	83	Not Detected
Tetrahydrofuran	28	Not Detected	83	Not Detected
1,4-Dioxane	110	Not Detected	410	Not Detected
4-Methyl-2-pentanone	28	Not Detected	120	Not Detected
2-Hexanone	110	Not Detected	460	Not Detected
Bromoform	28	Not Detected	290	Not Detected
4-Ethyltoluene	28	Not Detected	140	Not Detected
Ethanol	110	Not Detected	210	Not Detected
Methyl tert-butyl ether	28	Not Detected	100	Not Detected
2,2,4-Trimethylpentane	28	Not Detected	130	Not Detected
3-Chloropropene	110	Not Detected	350	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1300 J
Unknown	NA	NA	150 J
1-Propene, 2-methyl-	115-11-7	80%	940 N J
2-Oxetanone, 4,4-dimethyl-	1823-52-5	50%	150 N J
Butane, 2-methyl-	78-78-4	64%	170 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-025-VP17-121205

Lab ID#: 0512484A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010314**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**65.4**	**Date of Analysis:**	**1/3/06 08:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	33	Not Detected	160	Not Detected
Freon 114	33	Not Detected	230	Not Detected
Vinyl Chloride	33	Not Detected	84	Not Detected
Bromomethane	33	Not Detected	130	Not Detected
Chloroethane	33	Not Detected	86	Not Detected
Freon 11	33	2100	180	12000
1,1-Dichloroethene	33	9200	130	36000
Freon 113	33	4800	250	37000
Methylene Chloride	33	Not Detected	110	Not Detected
1,1-Dichloroethane	33	Not Detected	130	Not Detected
cis-1,2-Dichloroethene	33	Not Detected	130	Not Detected
Chloroform	33	Not Detected	160	Not Detected
1,1,1-Trichloroethane	33	Not Detected	180	Not Detected
Carbon Tetrachloride	33	Not Detected	200	Not Detected
Benzene	33	Not Detected	100	Not Detected
1,2-Dichloroethane	33	Not Detected	130	Not Detected
Trichloroethene	33	580	180	3100
1,2-Dichloropropane	33	Not Detected	150	Not Detected
cis-1,3-Dichloropropene	33	Not Detected	150	Not Detected
Toluene	33	Not Detected	120	Not Detected
trans-1,3-Dichloropropene	33	Not Detected	150	Not Detected
1,1,2-Trichloroethane	33	Not Detected	180	Not Detected
Tetrachloroethene	33	1800	220	12000
1,2-Dibromoethane (EDB)	33	Not Detected	250	Not Detected
Chlorobenzene	33	Not Detected	150	Not Detected
Ethyl Benzene	33	Not Detected	140	Not Detected
m,p-Xylene	33	Not Detected	140	Not Detected
o-Xylene	33	Not Detected	140	Not Detected
Styrene	33	Not Detected	140	Not Detected
1,1,2,2-Tetrachloroethane	33	Not Detected	220	Not Detected
1,3,5-Trimethylbenzene	33	Not Detected	160	Not Detected
1,2,4-Trimethylbenzene	33	Not Detected	160	Not Detected
1,3-Dichlorobenzene	33	Not Detected	200	Not Detected
1,4-Dichlorobenzene	33	Not Detected	200	Not Detected
alpha-Chlorotoluene	33	Not Detected	170	Not Detected
1,2-Dichlorobenzene	33	Not Detected	200	Not Detected
1,3-Butadiene	33	Not Detected	72	Not Detected
Hexane	33	Not Detected	120	Not Detected
Cyclohexane	33	Not Detected	110	Not Detected
Bromodichloromethane	33	Not Detected	220	Not Detected
Dibromochloromethane	33	Not Detected	280	Not Detected
Heptane	33	Not Detected	130	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-025-VP17-121205

Lab ID#: 0512484A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010314**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**65.4**	**Date of Analysis:**	**1/3/06 08:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	33	Not Detected	160	Not Detected
Propylbenzene	33	Not Detected	160	Not Detected
Chloromethane	130	Not Detected	270	Not Detected
1,2,4-Trichlorobenzene	130	Not Detected	970	Not Detected
Hexachlorobutadiene	130	Not Detected	1400	Not Detected
Acetone	130	Not Detected	310	Not Detected
Carbon Disulfide	33	Not Detected	100	Not Detected
2-Propanol	130	Not Detected	320	Not Detected
trans-1,2-Dichloroethene	33	Not Detected	130	Not Detected
2-Butanone (Methyl Ethyl Ketone)	33	Not Detected	96	Not Detected
Tetrahydrofuran	33	Not Detected	96	Not Detected
1,4-Dioxane	130	Not Detected	470	Not Detected
4-Methyl-2-pentanone	33	Not Detected	130	Not Detected
2-Hexanone	130	Not Detected	540	Not Detected
Bromoform	33	Not Detected	340	Not Detected
4-Ethyltoluene	33	Not Detected	160	Not Detected
Ethanol	130	Not Detected	250	Not Detected
Methyl tert-butyl ether	33	Not Detected	120	Not Detected
2,2,4-Trimethylpentane	33	Not Detected	150	Not Detected
3-Chloropropene	130	Not Detected	410	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	200 J
Unknown	NA	NA	200 J
Ethane, 2,2-dichloro-1,1,1-trifluoro-	306-83-2	93%	190 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-031-VP17-121205

Lab ID#: 0512484A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010315**	**Date of Collection: 12/12/05**	
Dil. Factor:	**108**	**Date of Analysis: 1/3/06 09:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	54	Not Detected	270	Not Detected
Freon 114	54	Not Detected	380	Not Detected
Vinyl Chloride	54	Not Detected	140	Not Detected
Bromomethane	54	Not Detected	210	Not Detected
Chloroethane	54	Not Detected	140	Not Detected
Freon 11	54	3600	300	20000
1,1-Dichloroethene	54	17000	210	67000
Freon 113	54	8400	410	64000
Methylene Chloride	54	Not Detected	190	Not Detected
1,1-Dichloroethane	54	Not Detected	220	Not Detected
cis-1,2-Dichloroethene	54	Not Detected	210	Not Detected
Chloroform	54	Not Detected	260	Not Detected
1,1,1-Trichloroethane	54	Not Detected	290	Not Detected
Carbon Tetrachloride	54	Not Detected	340	Not Detected
Benzene	54	Not Detected	170	Not Detected
1,2-Dichloroethane	54	Not Detected	220	Not Detected
Trichloroethene	54	1600	290	8900
1,2-Dichloropropane	54	Not Detected	250	Not Detected
cis-1,3-Dichloropropene	54	Not Detected	240	Not Detected
Toluene	54	Not Detected	200	Not Detected
trans-1,3-Dichloropropene	54	Not Detected	240	Not Detected
1,1,2-Trichloroethane	54	Not Detected	290	Not Detected
Tetrachloroethene	54	9400	370	63000
1,2-Dibromoethane (EDB)	54	Not Detected	410	Not Detected
Chlorobenzene	54	Not Detected	250	Not Detected
Ethyl Benzene	54	Not Detected	230	Not Detected
m,p-Xylene	54	Not Detected	230	Not Detected
o-Xylene	54	Not Detected	230	Not Detected
Styrene	54	Not Detected	230	Not Detected
1,1,2,2-Tetrachloroethane	54	Not Detected	370	Not Detected
1,3,5-Trimethylbenzene	54	Not Detected	260	Not Detected
1,2,4-Trimethylbenzene	54	Not Detected	260	Not Detected
1,3-Dichlorobenzene	54	Not Detected	320	Not Detected
1,4-Dichlorobenzene	54	Not Detected	320	Not Detected
alpha-Chlorotoluene	54	Not Detected	280	Not Detected
1,2-Dichlorobenzene	54	Not Detected	320	Not Detected
1,3-Butadiene	54	Not Detected	120	Not Detected
Hexane	54	Not Detected	190	Not Detected
Cyclohexane	54	Not Detected	180	Not Detected
Bromodichloromethane	54	Not Detected	360	Not Detected
Dibromochloromethane	54	Not Detected	460	Not Detected
Heptane	54	Not Detected	220	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-031-VP17-121205

Lab ID#: 0512484A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010315**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**108**	**Date of Analysis:**	**1/3/06 09:15 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	54	Not Detected	260	Not Detected
Propylbenzene	54	Not Detected	260	Not Detected
Chloromethane	220	Not Detected	450	Not Detected
1,2,4-Trichlorobenzene	220	Not Detected	1600	Not Detected
Hexachlorobutadiene	220	Not Detected	2300	Not Detected
Acetone	220	Not Detected	510	Not Detected
Carbon Disulfide	54	Not Detected	170	Not Detected
2-Propanol	220	Not Detected	530	Not Detected
trans-1,2-Dichloroethene	54	Not Detected	210	Not Detected
2-Butanone (Methyl Ethyl Ketone)	54	Not Detected	160	Not Detected
Tetrahydrofuran	54	Not Detected	160	Not Detected
1,4-Dioxane	220	Not Detected	780	Not Detected
4-Methyl-2-pentanone	54	Not Detected	220	Not Detected
2-Hexanone	220	Not Detected	880	Not Detected
Bromoform	54	Not Detected	560	Not Detected
4-Ethyltoluene	54	Not Detected	260	Not Detected
Ethanol	220	Not Detected	410	Not Detected
Methyl tert-butyl ether	54	Not Detected	190	Not Detected
2,2,4-Trimethylpentane	54	Not Detected	250	Not Detected
3-Chloropropene	220	Not Detected	680	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	330 J
Butane, 2-methyl-	78-78-4	72%	390 N J
Ethane, 2,2-dichloro-1,1,1-trifluoro-	306-83-2	87%	340 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-045-VP17-121205

Lab ID#: 0512484A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010316**	**Date of Collection: 12/12/05**	
Dil. Factor:	**621**	**Date of Analysis: 1/3/06 10:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	310	Not Detected	1500	Not Detected
Freon 114	310	Not Detected	2200	Not Detected
Vinyl Chloride	310	Not Detected	790	Not Detected
Bromomethane	310	Not Detected	1200	Not Detected
Chloroethane	310	Not Detected	820	Not Detected
Freon 11	310	30000	1700	160000
1,1-Dichloroethene	310	58000	1200	230000
Freon 113	310	83000	2400	640000
Methylene Chloride	310	Not Detected	1100	Not Detected
1,1-Dichloroethane	310	Not Detected	1200	Not Detected
cis-1,2-Dichloroethene	310	Not Detected	1200	Not Detected
Chloroform	310	Not Detected	1500	Not Detected
1,1,1-Trichloroethane	310	Not Detected	1700	Not Detected
Carbon Tetrachloride	310	Not Detected	2000	Not Detected
Benzene	310	Not Detected	990	Not Detected
1,2-Dichloroethane	310	Not Detected	1200	Not Detected
Trichloroethene	310	1400	1700	7400
1,2-Dichloropropane	310	Not Detected	1400	Not Detected
cis-1,3-Dichloropropene	310	Not Detected	1400	Not Detected
Toluene	310	Not Detected	1200	Not Detected
trans-1,3-Dichloropropene	310	Not Detected	1400	Not Detected
1,1,2-Trichloroethane	310	Not Detected	1700	Not Detected
Tetrachloroethene	310	4600	2100	32000
1,2-Dibromoethane (EDB)	310	Not Detected	2400	Not Detected
Chlorobenzene	310	Not Detected	1400	Not Detected
Ethyl Benzene	310	Not Detected	1300	Not Detected
m,p-Xylene	310	Not Detected	1300	Not Detected
o-Xylene	310	Not Detected	1300	Not Detected
Styrene	310	Not Detected	1300	Not Detected
1,1,2,2-Tetrachloroethane	310	Not Detected	2100	Not Detected
1,3,5-Trimethylbenzene	310	Not Detected	1500	Not Detected
1,2,4-Trimethylbenzene	310	Not Detected	1500	Not Detected
1,3-Dichlorobenzene	310	Not Detected	1900	Not Detected
1,4-Dichlorobenzene	310	Not Detected	1900	Not Detected
alpha-Chlorotoluene	310	Not Detected	1600	Not Detected
1,2-Dichlorobenzene	310	Not Detected	1900	Not Detected
1,3-Butadiene	310	Not Detected	690	Not Detected
Hexane	310	Not Detected	1100	Not Detected
Cyclohexane	310	Not Detected	1100	Not Detected
Bromodichloromethane	310	Not Detected	2100	Not Detected
Dibromochloromethane	310	Not Detected	2600	Not Detected
Heptane	310	Not Detected	1300	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-045-VP17-121205

Lab ID#: 0512484A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010316**	**Date of Collection:**	**12/12/05**
Dil. Factor:	**621**	**Date of Analysis:**	**1/3/06 10:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	310	Not Detected	1500	Not Detected
Propylbenzene	310	Not Detected	1500	Not Detected
Chloromethane	1200	Not Detected	2600	Not Detected
1,2,4-Trichlorobenzene	1200	Not Detected	9200	Not Detected
Hexachlorobutadiene	1200	Not Detected	13000	Not Detected
Acetone	1200	1900	3000	4500
Carbon Disulfide	310	900	970	2800
2-Propanol	1200	1700	3000	4200
trans-1,2-Dichloroethene	310	Not Detected	1200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	310	Not Detected	920	Not Detected
Tetrahydrofuran	310	Not Detected	920	Not Detected
1,4-Dioxane	1200	Not Detected	4500	Not Detected
4-Methyl-2-pentanone	310	Not Detected	1300	Not Detected
2-Hexanone	1200	Not Detected	5100	Not Detected
Bromoform	310	Not Detected	3200	Not Detected
4-Ethyltoluene	310	Not Detected	1500	Not Detected
Ethanol	1200	Not Detected	2300	Not Detected
Methyl tert-butyl ether	310	Not Detected	1100	Not Detected
2,2,4-Trimethylpentane	310	Not Detected	1400	Not Detected
3-Chloropropene	1200	Not Detected	3900	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene, 2-methyl-	115-11-7	78%	1600 N J
Unknown	NA	NA	4500 J
Heptane, 2,4-dimethyl-	2213-23-2	59%	4300 N J
Octane, 4-methyl-	2216-34-4	78%	5700 N J
1-IODO-2-METHYLNONANE	0-00-0	72%	4400 N J
Tetradecane, 4-ethyl-	55045-14-2	64%	1600 N J
Undecane, 5,7-dimethyl-	17312-83-3	50%	6800 N J
Heptane, 2,6-dimethyl-	1072-05-5	64%	2500 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-060-VP17-121205

Lab ID#: 0512484A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010319**	**Date of Collection: 12/12/05**	
Dil. Factor:	**2820**	**Date of Analysis: 1/4/06 01:07 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1400	Not Detected	7000	Not Detected
Freon 114	1400	Not Detected	9800	Not Detected
Vinyl Chloride	1400	Not Detected	3600	Not Detected
Bromomethane	1400	Not Detected	5500	Not Detected
Chloroethane	1400	Not Detected	3700	Not Detected
Freon 11	1400	100000	7900	570000
1,1-Dichloroethene	1400	280000	5600	1100000
Freon 113	1400	410000	11000	3200000
Methylene Chloride	1400	Not Detected	4900	Not Detected
1,1-Dichloroethane	1400	Not Detected	5700	Not Detected
cis-1,2-Dichloroethene	1400	Not Detected	5600	Not Detected
Chloroform	1400	Not Detected	6900	Not Detected
1,1,1-Trichloroethane	1400	Not Detected	7700	Not Detected
Carbon Tetrachloride	1400	Not Detected	8900	Not Detected
Benzene	1400	Not Detected	4500	Not Detected
1,2-Dichloroethane	1400	Not Detected	5700	Not Detected
Trichloroethene	1400	18000	7600	98000
1,2-Dichloropropane	1400	Not Detected	6500	Not Detected
cis-1,3-Dichloropropene	1400	Not Detected	6400	Not Detected
Toluene	1400	Not Detected	5300	Not Detected
trans-1,3-Dichloropropene	1400	Not Detected	6400	Not Detected
1,1,2-Trichloroethane	1400	Not Detected	7700	Not Detected
Tetrachloroethene	1400	110000	9600	750000
1,2-Dibromoethane (EDB)	1400	Not Detected	11000	Not Detected
Chlorobenzene	1400	Not Detected	6500	Not Detected
Ethyl Benzene	1400	Not Detected	6100	Not Detected
m,p-Xylene	1400	Not Detected	6100	Not Detected
o-Xylene	1400	Not Detected	6100	Not Detected
Styrene	1400	Not Detected	6000	Not Detected
1,1,2,2-Tetrachloroethane	1400	Not Detected	9700	Not Detected
1,3,5-Trimethylbenzene	1400	Not Detected	6900	Not Detected
1,2,4-Trimethylbenzene	1400	Not Detected	6900	Not Detected
1,3-Dichlorobenzene	1400	Not Detected	8500	Not Detected
1,4-Dichlorobenzene	1400	Not Detected	8500	Not Detected
alpha-Chlorotoluene	1400	Not Detected	7300	Not Detected
1,2-Dichlorobenzene	1400	Not Detected	8500	Not Detected
1,3-Butadiene	1400	Not Detected	3100	Not Detected
Hexane	1400	Not Detected	5000	Not Detected
Cyclohexane	1400	Not Detected	4800	Not Detected
Bromodichloromethane	1400	Not Detected	9400	Not Detected
Dibromochloromethane	1400	Not Detected	12000	Not Detected
Heptane	1400	Not Detected	5800	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-060-VP17-121205

Lab ID#: 0512484A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010319**	**Date of Collection: 12/12/05**	
Dil. Factor:	**2820**	**Date of Analysis: 1/4/06 01:07 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1400	Not Detected	6900	Not Detected
Propylbenzene	1400	Not Detected	6900	Not Detected
Chloromethane	5600	Not Detected	12000	Not Detected
1,2,4-Trichlorobenzene	5600	Not Detected	42000	Not Detected
Hexachlorobutadiene	5600	Not Detected	60000	Not Detected
Acetone	5600	Not Detected	13000	Not Detected
Carbon Disulfide	1400	Not Detected	4400	Not Detected
2-Propanol	5600	12000	14000	29000
trans-1,2-Dichloroethene	1400	Not Detected	5600	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1400	Not Detected	4200	Not Detected
Tetrahydrofuran	1400	Not Detected	4200	Not Detected
1,4-Dioxane	5600	Not Detected	20000	Not Detected
4-Methyl-2-pentanone	1400	Not Detected	5800	Not Detected
2-Hexanone	5600	Not Detected	23000	Not Detected
Bromoform	1400	Not Detected	14000	Not Detected
4-Ethyltoluene	1400	Not Detected	6900	Not Detected
Ethanol	5600	Not Detected	11000	Not Detected
Methyl tert-butyl ether	1400	Not Detected	5100	Not Detected
2,2,4-Trimethylpentane	1400	Not Detected	6600	Not Detected
3-Chloropropene	5600	Not Detected	18000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-006-VP19-121305

Lab ID#: 0512484A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010320**	**Date of Collection: 12/13/05**	
Dil. Factor:	**17.9**	**Date of Analysis: 1/4/06 01:50 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	9.0	Not Detected	44	Not Detected
Freon 114	9.0	Not Detected	62	Not Detected
Vinyl Chloride	9.0	Not Detected	23	Not Detected
Bromomethane	9.0	Not Detected	35	Not Detected
Chloroethane	9.0	Not Detected	24	Not Detected
Freon 11	9.0	760	50	4300
1,1-Dichloroethene	9.0	3300	35	13000
Freon 113	9.0	650	68	5000
Methylene Chloride	9.0	Not Detected	31	Not Detected
1,1-Dichloroethane	9.0	9.0	36	36
cis-1,2-Dichloroethene	9.0	Not Detected	35	Not Detected
Chloroform	9.0	19	44	92
1,1,1-Trichloroethane	9.0	Not Detected	49	Not Detected
Carbon Tetrachloride	9.0	Not Detected	56	Not Detected
Benzene	9.0	Not Detected	28	Not Detected
1,2-Dichloroethane	9.0	Not Detected	36	Not Detected
Trichloroethene	9.0	2600	48	14000
1,2-Dichloropropane	9.0	Not Detected	41	Not Detected
cis-1,3-Dichloropropene	9.0	Not Detected	41	Not Detected
Toluene	9.0	20	34	74
trans-1,3-Dichloropropene	9.0	Not Detected	41	Not Detected
1,1,2-Trichloroethane	9.0	Not Detected	49	Not Detected
Tetrachloroethene	9.0	2400	61	16000
1,2-Dibromoethane (EDB)	9.0	Not Detected	69	Not Detected
Chlorobenzene	9.0	Not Detected	41	Not Detected
Ethyl Benzene	9.0	Not Detected	39	Not Detected
m,p-Xylene	9.0	Not Detected	39	Not Detected
o-Xylene	9.0	Not Detected	39	Not Detected
Styrene	9.0	Not Detected	38	Not Detected
1,1,2,2-Tetrachloroethane	9.0	Not Detected	61	Not Detected
1,3,5-Trimethylbenzene	9.0	Not Detected	44	Not Detected
1,2,4-Trimethylbenzene	9.0	Not Detected	44	Not Detected
1,3-Dichlorobenzene	9.0	Not Detected	54	Not Detected
1,4-Dichlorobenzene	9.0	Not Detected	54	Not Detected
alpha-Chlorotoluene	9.0	Not Detected	46	Not Detected
1,2-Dichlorobenzene	9.0	Not Detected	54	Not Detected
1,3-Butadiene	9.0	Not Detected	20	Not Detected
Hexane	9.0	Not Detected	32	Not Detected
Cyclohexane	9.0	Not Detected	31	Not Detected
Bromodichloromethane	9.0	Not Detected	60	Not Detected
Dibromochloromethane	9.0	Not Detected	76	Not Detected
Heptane	9.0	Not Detected	37	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-006-VP19-121305

Lab ID#: 0512484A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010320**	**Date of Collection:**	**12/13/05**
Dil. Factor:	**17.9**	**Date of Analysis:**	**1/4/06 01:50 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	9.0	Not Detected	44	Not Detected
Propylbenzene	9.0	Not Detected	44	Not Detected
Chloromethane	36	Not Detected	74	Not Detected
1,2,4-Trichlorobenzene	36	Not Detected	260	Not Detected
Hexachlorobutadiene	36	Not Detected	380	Not Detected
Acetone	36	44	85	100
Carbon Disulfide	9.0	Not Detected	28	Not Detected
2-Propanol	36	Not Detected	88	Not Detected
trans-1,2-Dichloroethene	9.0	14	35	57
2-Butanone (Methyl Ethyl Ketone)	9.0	35	26	100
Tetrahydrofuran	9.0	Not Detected	26	Not Detected
1,4-Dioxane	36	Not Detected	130	Not Detected
4-Methyl-2-pentanone	9.0	Not Detected	37	Not Detected
2-Hexanone	36	Not Detected	150	Not Detected
Bromoform	9.0	Not Detected	92	Not Detected
4-Ethyltoluene	9.0	Not Detected	44	Not Detected
Ethanol	36	Not Detected	67	Not Detected
Methyl tert-butyl ether	9.0	Not Detected	32	Not Detected
2,2,4-Trimethylpentane	9.0	Not Detected	42	Not Detected
3-Chloropropene	36	Not Detected	110	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Methane, chlorodifluoro-	75-45-6	90%	54 N J
1-Propene, 2-methyl-	115-11-7	80%	72 N J
Acetaldehyde	75-07-0	5.0%	54 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	94%	770 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	90%	58 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-012-VP19-121305

Lab ID#: 0512484A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010321**	**Date of Collection: 12/13/05**	
Dil. Factor:	**19.0**	**Date of Analysis: 1/4/06 02:31 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	9.5	Not Detected	47	Not Detected
Freon 114	9.5	Not Detected	66	Not Detected
Vinyl Chloride	9.5	Not Detected	24	Not Detected
Bromomethane	9.5	Not Detected	37	Not Detected
Chloroethane	9.5	Not Detected	25	Not Detected
Freon 11	9.5	840	53	4700
1,1-Dichloroethene	9.5	3600	38	14000
Freon 113	9.5	730	73	5600
Methylene Chloride	9.5	Not Detected	33	Not Detected
1,1-Dichloroethane	9.5	11	38	46
cis-1,2-Dichloroethene	9.5	Not Detected	38	Not Detected
Chloroform	9.5	22	46	110
1,1,1-Trichloroethane	9.5	Not Detected	52	Not Detected
Carbon Tetrachloride	9.5	Not Detected	60	Not Detected
Benzene	9.5	9.8	30	31
1,2-Dichloroethane	9.5	Not Detected	38	Not Detected
Trichloroethene	9.5	2700	51	15000
1,2-Dichloropropane	9.5	Not Detected	44	Not Detected
cis-1,3-Dichloropropene	9.5	Not Detected	43	Not Detected
Toluene	9.5	40	36	150
trans-1,3-Dichloropropene	9.5	Not Detected	43	Not Detected
1,1,2-Trichloroethane	9.5	Not Detected	52	Not Detected
Tetrachloroethene	9.5	2000	64	14000
1,2-Dibromoethane (EDB)	9.5	Not Detected	73	Not Detected
Chlorobenzene	9.5	Not Detected	44	Not Detected
Ethyl Benzene	9.5	Not Detected	41	Not Detected
m,p-Xylene	9.5	14	41	59
o-Xylene	9.5	Not Detected	41	Not Detected
Styrene	9.5	Not Detected	40	Not Detected
1,1,2,2-Tetrachloroethane	9.5	Not Detected	65	Not Detected
1,3,5-Trimethylbenzene	9.5	Not Detected	47	Not Detected
1,2,4-Trimethylbenzene	9.5	Not Detected	47	Not Detected
1,3-Dichlorobenzene	9.5	Not Detected	57	Not Detected
1,4-Dichlorobenzene	9.5	Not Detected	57	Not Detected
alpha-Chlorotoluene	9.5	Not Detected	49	Not Detected
1,2-Dichlorobenzene	9.5	Not Detected	57	Not Detected
1,3-Butadiene	9.5	Not Detected	21	Not Detected
Hexane	9.5	Not Detected	33	Not Detected
Cyclohexane	9.5	Not Detected	33	Not Detected
Bromodichloromethane	9.5	Not Detected	64	Not Detected
Dibromochloromethane	9.5	Not Detected	81	Not Detected
Heptane	9.5	Not Detected	39	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-012-VP19-121305

Lab ID#: 0512484A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010321**	**Date of Collection: 12/13/05**	
Dil. Factor:	**19.0**	**Date of Analysis: 1/4/06 02:31 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	9.5	Not Detected	47	Not Detected
Propylbenzene	9.5	Not Detected	47	Not Detected
Chloromethane	38	Not Detected	78	Not Detected
1,2,4-Trichlorobenzene	38	Not Detected	280	Not Detected
Hexachlorobutadiene	38	Not Detected	400	Not Detected
Acetone	38	59	90	140
Carbon Disulfide	9.5	Not Detected	30	Not Detected
2-Propanol	38	Not Detected	93	Not Detected
trans-1,2-Dichloroethene	9.5	14	38	57
2-Butanone (Methyl Ethyl Ketone)	9.5	35	28	100
Tetrahydrofuran	9.5	Not Detected	28	Not Detected
1,4-Dioxane	38	Not Detected	140	Not Detected
4-Methyl-2-pentanone	9.5	Not Detected	39	Not Detected
2-Hexanone	38	Not Detected	160	Not Detected
Bromoform	9.5	Not Detected	98	Not Detected
4-Ethyltoluene	9.5	Not Detected	47	Not Detected
Ethanol	38	Not Detected	72	Not Detected
Methyl tert-butyl ether	9.5	Not Detected	34	Not Detected
2,2,4-Trimethylpentane	9.5	Not Detected	44	Not Detected
3-Chloropropene	38	Not Detected	120	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Methane, chlorodifluoro-	75-45-6	64%	50 N J
1-Propene, 2-methyl-	115-11-7	78%	70 N J
Acetaldehyde	75-07-0	9.0%	62 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	94%	860 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	90%	63 N J
Heptane, 3-methylene-	1632-16-2	94%	72 N J
Unknown	NA	NA	49 J
1-Octene, 3-ethyl-	74630-08-3	43%	77 N J
Unknown	NA	NA	54 J
Bicyclo[2.2.1]hept-2-ene, 1,7,7-trimethy	464-17-5	87%	62 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-018-VP19-121305

Lab ID#: 0512484A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010322**	**Date of Collection: 12/13/05**	
Dil. Factor:	**11.6**	**Date of Analysis: 1/4/06 03:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.8	Not Detected	29	Not Detected
Freon 114	5.8	Not Detected	40	Not Detected
Vinyl Chloride	5.8	Not Detected	15	Not Detected
Bromomethane	5.8	Not Detected	22	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	5.8	600	32	3400
1,1-Dichloroethene	5.8	2000	23	7800
Freon 113	5.8	530	44	4000
Methylene Chloride	5.8	Not Detected	20	Not Detected
1,1-Dichloroethane	5.8	8.7	23	35
cis-1,2-Dichloroethene	5.8	Not Detected	23	Not Detected
Chloroform	5.8	17	28	85
1,1,1-Trichloroethane	5.8	Not Detected	32	Not Detected
Carbon Tetrachloride	5.8	Not Detected	36	Not Detected
Benzene	5.8	34	18	110
1,2-Dichloroethane	5.8	Not Detected	23	Not Detected
Trichloroethene	5.8	730	31	3900
1,2-Dichloropropane	5.8	Not Detected	27	Not Detected
cis-1,3-Dichloropropene	5.8	Not Detected	26	Not Detected
Toluene	5.8	71	22	270
trans-1,3-Dichloropropene	5.8	Not Detected	26	Not Detected
1,1,2-Trichloroethane	5.8	Not Detected	32	Not Detected
Tetrachloroethene	5.8	480	39	3300
1,2-Dibromoethane (EDB)	5.8	Not Detected	44	Not Detected
Chlorobenzene	5.8	Not Detected	27	Not Detected
Ethyl Benzene	5.8	7.0	25	30
m,p-Xylene	5.8	39	25	170
o-Xylene	5.8	15	25	64
Styrene	5.8	Not Detected	25	Not Detected
1,1,2,2-Tetrachloroethane	5.8	Not Detected	40	Not Detected
1,3,5-Trimethylbenzene	5.8	Not Detected	28	Not Detected
1,2,4-Trimethylbenzene	5.8	6.8	28	33
1,3-Dichlorobenzene	5.8	Not Detected	35	Not Detected
1,4-Dichlorobenzene	5.8	Not Detected	35	Not Detected
alpha-Chlorotoluene	5.8	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.8	Not Detected	35	Not Detected
1,3-Butadiene	5.8	Not Detected	13	Not Detected
Hexane	5.8	56	20	200
Cyclohexane	5.8	7.0	20	24
Bromodichloromethane	5.8	Not Detected	39	Not Detected
Dibromochloromethane	5.8	Not Detected	49	Not Detected
Heptane	5.8	31	24	120

AIR TOXICS LTD.

Client Sample ID: OC-SG-018-VP19-121305

Lab ID#: 0512484A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010322**	**Date of Collection: 12/13/05**	
Dil. Factor:	**11.6**	**Date of Analysis: 1/4/06 03:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	5.8	Not Detected	28	Not Detected
Propylbenzene	5.8	Not Detected	28	Not Detected
Chloromethane	23	Not Detected	48	Not Detected
1,2,4-Trichlorobenzene	23	Not Detected	170	Not Detected
Hexachlorobutadiene	23	Not Detected	250	Not Detected
Acetone	23	65	55	150
Carbon Disulfide	5.8	Not Detected	18	Not Detected
2-Propanol	23	Not Detected	57	Not Detected
trans-1,2-Dichloroethene	5.8	Not Detected	23	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	58	17	170
Tetrahydrofuran	5.8	Not Detected	17	Not Detected
1,4-Dioxane	23	Not Detected	84	Not Detected
4-Methyl-2-pentanone	5.8	Not Detected	24	Not Detected
2-Hexanone	23	Not Detected	95	Not Detected
Bromoform	5.8	Not Detected	60	Not Detected
4-Ethyltoluene	5.8	8.5	28	42
Ethanol	23	Not Detected	44	Not Detected
Methyl tert-butyl ether	5.8	Not Detected	21	Not Detected
2,2,4-Trimethylpentane	5.8	98	27	460
3-Chloropropene	23	Not Detected	73	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	71 J
1-Propene, 2-methyl-	115-11-7	80%	150 N J
Acetaldehyde	75-07-0	9.0%	59 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	94%	480 N J
Pentane, 2-methyl-	107-83-5	87%	82 N J
Hexane, 2,2,3-trimethyl-	16747-25-4	50%	76 N J
Pentane, 3-ethyl-	617-78-7	59%	110 N J
Pentane, 2,3,3-trimethyl-	560-21-4	64%	130 N J
1-Octene, 3-ethyl-	74630-08-3	40%	61 N J
.alpha.-Pinene	80-56-8	70%	64 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-024-VP19-121305

Lab ID#: 0512484A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010323**	**Date of Collection: 12/13/05**	
Dil. Factor:	**6.35**	**Date of Analysis: 1/4/06 03:57 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.2	Not Detected	16	Not Detected
Freon 114	3.2	Not Detected	22	Not Detected
Vinyl Chloride	3.2	Not Detected	8.1	Not Detected
Bromomethane	3.2	Not Detected	12	Not Detected
Chloroethane	3.2	Not Detected	8.4	Not Detected
Freon 11	3.2	350	18	2000
1,1-Dichloroethene	3.2	1200	12	4700
Freon 113	3.2	340	24	2600
Methylene Chloride	3.2	Not Detected	11	Not Detected
1,1-Dichloroethane	3.2	6.0	13	24
cis-1,2-Dichloroethene	3.2	Not Detected	12	Not Detected
Chloroform	3.2	10	16	49
1,1,1-Trichloroethane	3.2	Not Detected	17	Not Detected
Carbon Tetrachloride	3.2	Not Detected	20	Not Detected
Benzene	3.2	16	10	50
1,2-Dichloroethane	3.2	Not Detected	13	Not Detected
Trichloroethene	3.2	560	17	3000
1,2-Dichloropropane	3.2	Not Detected	15	Not Detected
cis-1,3-Dichloropropene	3.2	Not Detected	14	Not Detected
Toluene	3.2	39	12	140
trans-1,3-Dichloropropene	3.2	Not Detected	14	Not Detected
1,1,2-Trichloroethane	3.2	Not Detected	17	Not Detected
Tetrachloroethene	3.2	280	22	1900
1,2-Dibromoethane (EDB)	3.2	Not Detected	24	Not Detected
Chlorobenzene	3.2	Not Detected	15	Not Detected
Ethyl Benzene	3.2	4.0	14	17
m,p-Xylene	3.2	19	14	82
o-Xylene	3.2	7.3	14	32
Styrene	3.2	Not Detected	14	Not Detected
1,1,2,2-Tetrachloroethane	3.2	Not Detected	22	Not Detected
1,3,5-Trimethylbenzene	3.2	Not Detected	16	Not Detected
1,2,4-Trimethylbenzene	3.2	3.5	16	17
1,3-Dichlorobenzene	3.2	Not Detected	19	Not Detected
1,4-Dichlorobenzene	3.2	Not Detected	19	Not Detected
alpha-Chlorotoluene	3.2	Not Detected	16	Not Detected
1,2-Dichlorobenzene	3.2	Not Detected	19	Not Detected
1,3-Butadiene	3.2	5.1	7.0	11
Hexane	3.2	60	11	210
Cyclohexane	3.2	5.0	11	17
Bromodichloromethane	3.2	Not Detected	21	Not Detected
Dibromochloromethane	3.2	Not Detected	27	Not Detected
Heptane	3.2	28	13	110

AIR TOXICS LTD.

Client Sample ID: OC-SG-024-VP19-121305

Lab ID#: 0512484A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010323**	**Date of Collection: 12/13/05**	
Dil. Factor:	**6.35**	**Date of Analysis: 1/4/06 03:57 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	3.2	Not Detected	16	Not Detected
Propylbenzene	3.2	Not Detected	16	Not Detected
Chloromethane	13	Not Detected	26	Not Detected
1,2,4-Trichlorobenzene	13	Not Detected	94	Not Detected
Hexachlorobutadiene	13	Not Detected	140	Not Detected
Acetone	13	53	30	130
Carbon Disulfide	3.2	Not Detected	9.9	Not Detected
2-Propanol	13	Not Detected	31	Not Detected
trans-1,2-Dichloroethene	3.2	Not Detected	12	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.2	44	9.4	130
Tetrahydrofuran	3.2	Not Detected	9.4	Not Detected
1,4-Dioxane	13	Not Detected	46	Not Detected
4-Methyl-2-pentanone	3.2	Not Detected	13	Not Detected
2-Hexanone	13	Not Detected	52	Not Detected
Bromoform	3.2	Not Detected	33	Not Detected
4-Ethyltoluene	3.2	4.0	16	20
Ethanol	13	Not Detected	24	Not Detected
Methyl tert-butyl ether	3.2	Not Detected	11	Not Detected
2,2,4-Trimethylpentane	3.2	150	15	700
3-Chloropropene	13	Not Detected	40	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	120 J
1-Propene, 2-methyl-	115-11-7	80%	160 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	94%	1200 N J
Pentane, 2-methyl-	107-83-5	87%	100 N J
Hexane, 2,2,3-trimethyl-	16747-25-4	45%	100 N J
Pentane, 3-ethyl-	617-78-7	59%	160 N J
Pentane, 2,3,3-trimethyl-	560-21-4	78%	140 N J
Heptane, 3-methylene-	1632-16-2	93%	70 N J
Unknown	NA	NA	73 J
1-Octene, 3-ethyl-	74630-08-3	25%	110 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP19-121305

Lab ID#: 0512484A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010324**	**Date of Collection: 12/13/05**	
Dil. Factor:	**3.73**	**Date of Analysis: 1/4/06 04:48 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.9	Not Detected	9.2	Not Detected
Freon 114	1.9	Not Detected	13	Not Detected
Vinyl Chloride	1.9	Not Detected	4.8	Not Detected
Bromomethane	1.9	Not Detected	7.2	Not Detected
Chloroethane	1.9	Not Detected	4.9	Not Detected
Freon 11	1.9	340	10	1900
1,1-Dichloroethene	1.9	400	7.4	1600
Freon 113	1.9	500	14	3900
Methylene Chloride	1.9	2.4	6.5	8.4
1,1-Dichloroethane	1.9	6.3	7.5	25
cis-1,2-Dichloroethene	1.9	Not Detected	7.4	Not Detected
Chloroform	1.9	5.3	9.1	26
1,1,1-Trichloroethane	1.9	Not Detected	10	Not Detected
Carbon Tetrachloride	1.9	Not Detected	12	Not Detected
Benzene	1.9	12	6.0	38
1,2-Dichloroethane	1.9	Not Detected	7.5	Not Detected
Trichloroethene	1.9	120	10	640
1,2-Dichloropropane	1.9	Not Detected	8.6	Not Detected
cis-1,3-Dichloropropene	1.9	Not Detected	8.5	Not Detected
Toluene	1.9	19	7.0	73
trans-1,3-Dichloropropene	1.9	Not Detected	8.5	Not Detected
1,1,2-Trichloroethane	1.9	Not Detected	10	Not Detected
Tetrachloroethene	1.9	13	13	91
1,2-Dibromoethane (EDB)	1.9	Not Detected	14	Not Detected
Chlorobenzene	1.9	Not Detected	8.6	Not Detected
Ethyl Benzene	1.9	Not Detected	8.1	Not Detected
m,p-Xylene	1.9	5.4	8.1	23
o-Xylene	1.9	Not Detected	8.1	Not Detected
Styrene	1.9	Not Detected	7.9	Not Detected
1,1,2,2-Tetrachloroethane	1.9	Not Detected	13	Not Detected
1,3,5-Trimethylbenzene	1.9	Not Detected	9.2	Not Detected
1,2,4-Trimethylbenzene	1.9	Not Detected	9.2	Not Detected
1,3-Dichlorobenzene	1.9	Not Detected	11	Not Detected
1,4-Dichlorobenzene	1.9	Not Detected	11	Not Detected
alpha-Chlorotoluene	1.9	Not Detected	9.6	Not Detected
1,2-Dichlorobenzene	1.9	Not Detected	11	Not Detected
1,3-Butadiene	1.9	11	4.1	24
Hexane	1.9	110	6.6	400
Cyclohexane	1.9	6.9	6.4	24
Bromodichloromethane	1.9	Not Detected	12	Not Detected
Dibromochloromethane	1.9	Not Detected	16	Not Detected
Heptane	1.9	20	7.6	81

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP19-121305

Lab ID#: 0512484A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010324**	**Date of Collection:**	**12/13/05**
Dil. Factor:	**3.73**	**Date of Analysis:**	**1/4/06 04:48 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1.9	Not Detected	9.2	Not Detected
Propylbenzene	1.9	Not Detected	9.2	Not Detected
Chloromethane	7.5	Not Detected	15	Not Detected
1,2,4-Trichlorobenzene	7.5	Not Detected	55	Not Detected
Hexachlorobutadiene	7.5	Not Detected	80	Not Detected
Acetone	7.5	97	18	230
Carbon Disulfide	1.9	2.0	5.8	6.3
2-Propanol	7.5	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	1.9	Not Detected	7.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.9	140	5.5	410
Tetrahydrofuran	1.9	Not Detected	5.5	Not Detected
1,4-Dioxane	7.5	Not Detected	27	Not Detected
4-Methyl-2-pentanone	1.9	Not Detected	7.6	Not Detected
2-Hexanone	7.5	Not Detected	30	Not Detected
Bromoform	1.9	Not Detected	19	Not Detected
4-Ethyltoluene	1.9	Not Detected	9.2	Not Detected
Ethanol	7.5	18	14	34
Methyl tert-butyl ether	1.9	Not Detected	6.7	Not Detected
2,2,4-Trimethylpentane	1.9	140	8.7	650
3-Chloropropene	7.5	Not Detected	23	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	430 J
1-Propene, 2-methyl-	115-11-7	72%	480 N J
Acetaldehyde	75-07-0	9.0%	250 N J
Methane, dichlorofluoro-	75-43-4	46%	1600 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	93%	3200 N J
Pentane, 2-methyl-	107-83-5	90%	320 N J
Pentane, 2,4-dimethyl-	108-08-7	91%	120 N J
Pentane, 2,3-dimethyl-	565-59-3	64%	130 N J
Unknown	NA	NA	130 J
1-Pentene, 3-ethyl-2-methyl-	19780-66-6	74%	140 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-050-VP19-121305

Lab ID#: 0512484A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010325**	**Date of Collection: 12/13/05**	
Dil. Factor:	**7.47**	**Date of Analysis: 1/4/06 05:38 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.7	Not Detected	18	Not Detected
Freon 114	3.7	Not Detected	26	Not Detected
Vinyl Chloride	3.7	Not Detected	9.5	Not Detected
Bromomethane	3.7	Not Detected	14	Not Detected
Chloroethane	3.7	Not Detected	9.8	Not Detected
Freon 11	3.7	630	21	3500
1,1-Dichloroethene	3.7	530	15	2100
Freon 113	3.7	1200	29	9200
Methylene Chloride	3.7	12	13	41
1,1-Dichloroethane	3.7	13	15	53
cis-1,2-Dichloroethene	3.7	Not Detected	15	Not Detected
Chloroform	3.7	7.7	18	37
1,1,1-Trichloroethane	3.7	Not Detected	20	Not Detected
Carbon Tetrachloride	3.7	Not Detected	24	Not Detected
Benzene	3.7	25	12	78
1,2-Dichloroethane	3.7	Not Detected	15	Not Detected
Trichloroethene	3.7	220	20	1200
1,2-Dichloropropane	3.7	Not Detected	17	Not Detected
cis-1,3-Dichloropropene	3.7	Not Detected	17	Not Detected
Toluene	3.7	23	14	87
trans-1,3-Dichloropropene	3.7	Not Detected	17	Not Detected
1,1,2-Trichloroethane	3.7	Not Detected	20	Not Detected
Tetrachloroethene	3.7	44	25	300
1,2-Dibromoethane (EDB)	3.7	Not Detected	29	Not Detected
Chlorobenzene	3.7	Not Detected	17	Not Detected
Ethyl Benzene	3.7	Not Detected	16	Not Detected
m,p-Xylene	3.7	8.3	16	36
o-Xylene	3.7	Not Detected	16	Not Detected
Styrene	3.7	Not Detected	16	Not Detected
1,1,2,2-Tetrachloroethane	3.7	Not Detected	26	Not Detected
1,3,5-Trimethylbenzene	3.7	Not Detected	18	Not Detected
1,2,4-Trimethylbenzene	3.7	Not Detected	18	Not Detected
1,3-Dichlorobenzene	3.7	Not Detected	22	Not Detected
1,4-Dichlorobenzene	3.7	Not Detected	22	Not Detected
alpha-Chlorotoluene	3.7	Not Detected	19	Not Detected
1,2-Dichlorobenzene	3.7	Not Detected	22	Not Detected
1,3-Butadiene	3.7	12	8.3	28
Hexane	3.7	190	13	680
Cyclohexane	3.7	10	13	35
Bromodichloromethane	3.7	Not Detected	25	Not Detected
Dibromochloromethane	3.7	Not Detected	32	Not Detected
Heptane	3.7	34	15	140

AIR TOXICS LTD.

Client Sample ID: OC-SG-050-VP19-121305

Lab ID#: 0512484A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010325**	**Date of Collection: 12/13/05**	
Dil. Factor:	**7.47**	**Date of Analysis: 1/4/06 05:38 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	3.7	Not Detected	18	Not Detected
Propylbenzene	3.7	Not Detected	18	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
1,2,4-Trichlorobenzene	15	Not Detected	110	Not Detected
Hexachlorobutadiene	15	Not Detected	160	Not Detected
Acetone	15	66	35	160
Carbon Disulfide	3.7	Not Detected	12	Not Detected
2-Propanol	15	Not Detected	37	Not Detected
trans-1,2-Dichloroethene	3.7	Not Detected	15	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.7	36	11	110
Tetrahydrofuran	3.7	Not Detected	11	Not Detected
1,4-Dioxane	15	Not Detected	54	Not Detected
4-Methyl-2-pentanone	3.7	Not Detected	15	Not Detected
2-Hexanone	15	Not Detected	61	Not Detected
Bromoform	3.7	Not Detected	39	Not Detected
4-Ethyltoluene	3.7	Not Detected	18	Not Detected
Ethanol	15	Not Detected	28	Not Detected
Methyl tert-butyl ether	3.7	Not Detected	13	Not Detected
2,2,4-Trimethylpentane	3.7	210	17	990
3-Chloropropene	15	Not Detected	47	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	340 J
1-Propene, 2-methyl-	115-11-7	80%	380 N J
Methane, dichlorofluoro-	75-43-4	64%	3500 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	93%	10000 N J
Pentane, 2-methyl-	107-83-5	90%	430 N J
Pentane, 2,4-dimethyl-	108-08-7	90%	180 N J
Hexane, 2-methyl-	591-76-4	76%	230 N J
Pentane, 2,3-dimethyl-	565-59-3	74%	220 N J
Hexane, 2,3-dimethyl-	584-94-1	83%	240 N J
Unknown	NA	NA	170 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-050K-VP19-121305

Lab ID#: 0512484A-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010326**	**Date of Collection: 12/13/05**	
Dil. Factor:	**7.63**	**Date of Analysis: 1/4/06 06:34 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.8	Not Detected	19	Not Detected
Freon 114	3.8	Not Detected	27	Not Detected
Vinyl Chloride	3.8	Not Detected	9.8	Not Detected
Bromomethane	3.8	Not Detected	15	Not Detected
Chloroethane	3.8	Not Detected	10	Not Detected
Freon 11	3.8	640	21	3600
1,1-Dichloroethene	3.8	550	15	2200
Freon 113	3.8	1200	29	9400
Methylene Chloride	3.8	12	13	41
1,1-Dichloroethane	3.8	14	15	55
cis-1,2-Dichloroethene	3.8	Not Detected	15	Not Detected
Chloroform	3.8	8.2	19	40
1,1,1-Trichloroethane	3.8	Not Detected	21	Not Detected
Carbon Tetrachloride	3.8	Not Detected	24	Not Detected
Benzene	3.8	25	12	80
1,2-Dichloroethane	3.8	Not Detected	15	Not Detected
Trichloroethene	3.8	220	20	1200
1,2-Dichloropropane	3.8	Not Detected	18	Not Detected
cis-1,3-Dichloropropene	3.8	Not Detected	17	Not Detected
Toluene	3.8	23	14	87
trans-1,3-Dichloropropene	3.8	Not Detected	17	Not Detected
1,1,2-Trichloroethane	3.8	Not Detected	21	Not Detected
Tetrachloroethene	3.8	44	26	300
1,2-Dibromoethane (EDB)	3.8	Not Detected	29	Not Detected
Chlorobenzene	3.8	Not Detected	18	Not Detected
Ethyl Benzene	3.8	Not Detected	16	Not Detected
m,p-Xylene	3.8	8.4	16	37
o-Xylene	3.8	Not Detected	16	Not Detected
Styrene	3.8	Not Detected	16	Not Detected
1,1,2,2-Tetrachloroethane	3.8	Not Detected	26	Not Detected
1,3,5-Trimethylbenzene	3.8	Not Detected	19	Not Detected
1,2,4-Trimethylbenzene	3.8	Not Detected	19	Not Detected
1,3-Dichlorobenzene	3.8	Not Detected	23	Not Detected
1,4-Dichlorobenzene	3.8	Not Detected	23	Not Detected
alpha-Chlorotoluene	3.8	Not Detected	20	Not Detected
1,2-Dichlorobenzene	3.8	Not Detected	23	Not Detected
1,3-Butadiene	3.8	14	8.4	31
Hexane	3.8	200	13	710
Cyclohexane	3.8	10	13	36
Bromodichloromethane	3.8	Not Detected	26	Not Detected
Dibromochloromethane	3.8	Not Detected	32	Not Detected
Heptane	3.8	34	16	140

AIR TOXICS LTD.

Client Sample ID: OC-SG-050K-VP19-121305

Lab ID#: 0512484A-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010326**	**Date of Collection: 12/13/05**	
Dil. Factor:	**7.63**	**Date of Analysis: 1/4/06 06:34 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	3.8	Not Detected	19	Not Detected
Propylbenzene	3.8	Not Detected	19	Not Detected
Chloromethane	15	Not Detected	32	Not Detected
1,2,4-Trichlorobenzene	15	Not Detected	110	Not Detected
Hexachlorobutadiene	15	Not Detected	160	Not Detected
Acetone	15	64	36	150
Carbon Disulfide	3.8	Not Detected	12	Not Detected
2-Propanol	15	Not Detected	38	Not Detected
trans-1,2-Dichloroethene	3.8	Not Detected	15	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.8	24	11	70
Tetrahydrofuran	3.8	Not Detected	11	Not Detected
1,4-Dioxane	15	Not Detected	55	Not Detected
4-Methyl-2-pentanone	3.8	Not Detected	16	Not Detected
2-Hexanone	15	Not Detected	62	Not Detected
Bromoform	3.8	Not Detected	39	Not Detected
4-Ethyltoluene	3.8	Not Detected	19	Not Detected
Ethanol	15	Not Detected	29	Not Detected
Methyl tert-butyl ether	3.8	Not Detected	14	Not Detected
2,2,4-Trimethylpentane	3.8	220	18	1000
3-Chloropropene	15	Not Detected	48	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	390 J
1-Propene, 2-methyl-	115-11-7	80%	440 N J
Methane, dichlorofluoro-	75-43-4	64%	4000 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	91%	12000 N J
Pentane, 2-methyl-	107-83-5	90%	500 N J
Pentane, 3-methyl-	96-14-0	90%	170 N J
Pentane, 2,4-dimethyl-	108-08-7	90%	210 N J
Pentane, 2,3-dimethyl-	565-59-3	52%	260 N J
Hexane, 2,3-dimethyl-	584-94-1	78%	280 N J
Unknown	NA	NA	180 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-060-VP19-121305

Lab ID#: 0512484A-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010413**	**Date of Collection: 12/13/05**	
Dil. Factor:	**6.11**	**Date of Analysis: 1/4/06 07:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.0	Not Detected	15	Not Detected
Freon 114	3.0	Not Detected	21	Not Detected
Vinyl Chloride	3.0	Not Detected	7.8	Not Detected
Bromomethane	3.0	Not Detected	12	Not Detected
Chloroethane	3.0	Not Detected	8.1	Not Detected
Freon 11	3.0	540	17	3000
1,1-Dichloroethene	3.0	460	12	1800
Freon 113	3.0	880	23	6800
Methylene Chloride	3.0	Not Detected	11	Not Detected
1,1-Dichloroethane	3.0	23	12	95
cis-1,2-Dichloroethene	3.0	Not Detected	12	Not Detected
Chloroform	3.0	9.6	15	47
1,1,1-Trichloroethane	3.0	Not Detected	17	Not Detected
Carbon Tetrachloride	3.0	Not Detected	19	Not Detected
Benzene	3.0	7.3	9.8	23
1,2-Dichloroethane	3.0	Not Detected	12	Not Detected
Trichloroethene	3.0	1200	16	6600
1,2-Dichloropropane	3.0	Not Detected	14	Not Detected
cis-1,3-Dichloropropene	3.0	Not Detected	14	Not Detected
Toluene	3.0	20	12	74
trans-1,3-Dichloropropene	3.0	Not Detected	14	Not Detected
1,1,2-Trichloroethane	3.0	Not Detected	17	Not Detected
Tetrachloroethene	3.0	430	21	2900
1,2-Dibromoethane (EDB)	3.0	Not Detected	23	Not Detected
Chlorobenzene	3.0	Not Detected	14	Not Detected
Ethyl Benzene	3.0	Not Detected	13	Not Detected
m,p-Xylene	3.0	12	13	51
o-Xylene	3.0	4.7	13	20
Styrene	3.0	Not Detected	13	Not Detected
1,1,2,2-Tetrachloroethane	3.0	Not Detected	21	Not Detected
1,3,5-Trimethylbenzene	3.0	Not Detected	15	Not Detected
1,2,4-Trimethylbenzene	3.0	Not Detected	15	Not Detected
1,3-Dichlorobenzene	3.0	Not Detected	18	Not Detected
1,4-Dichlorobenzene	3.0	Not Detected	18	Not Detected
alpha-Chlorotoluene	3.0	Not Detected	16	Not Detected
1,2-Dichlorobenzene	3.0	Not Detected	18	Not Detected
1,3-Butadiene	3.0	6.4	6.8	14
Hexane	3.0	51	11	180
Cyclohexane	3.0	3.1	10	10
Bromodichloromethane	3.0	Not Detected	20	Not Detected
Dibromochloromethane	3.0	Not Detected	26	Not Detected
Heptane	3.0	6.5	12	27

AIR TOXICS LTD.

Client Sample ID: OC-SG-060-VP19-121305

Lab ID#: 0512484A-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010413**	**Date of Collection: 12/13/05**	
Dil. Factor:	**6.11**	**Date of Analysis: 1/4/06 07:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	3.0	Not Detected	15	Not Detected
Propylbenzene	3.0	Not Detected	15	Not Detected
Chloromethane	12	Not Detected	25	Not Detected
1,2,4-Trichlorobenzene	12	Not Detected	91	Not Detected
Hexachlorobutadiene	12	Not Detected	130	Not Detected
Acetone	12	64	29	150
Carbon Disulfide	3.0	Not Detected	9.5	Not Detected
2-Propanol	12	Not Detected	30	Not Detected
trans-1,2-Dichloroethene	3.0	Not Detected	12	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	70	9.0	200
Tetrahydrofuran	3.0	Not Detected	9.0	Not Detected
1,4-Dioxane	12	Not Detected	44	Not Detected
4-Methyl-2-pentanone	3.0	Not Detected	12	Not Detected
2-Hexanone	12	Not Detected	50	Not Detected
Bromoform	3.0	Not Detected	32	Not Detected
4-Ethyltoluene	3.0	Not Detected	15	Not Detected
Ethanol	12	Not Detected	23	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected
2,2,4-Trimethylpentane	3.0	31	14	140
3-Chloropropene	12	Not Detected	38	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	180 J
1-Propene, 2-methyl-	115-11-7	80%	190 N J
Acetaldehyde	75-07-0	7.0%	110 N J
Methane, dichlorofluoro-	75-43-4	70%	3500 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	93%	9500 N J
Pentane, 2-methyl-	107-83-5	90%	150 N J
Heptane, 3-methylene-	1632-16-2	93%	65 N J
Unknown	NA	NA	84 J
1-Octene, 3-ethyl-	74630-08-3	43%	120 N J
Unknown	NA	NA	87 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-070-VP19-121305

Lab ID#: 0512484A-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010414**	**Date of Collection: 12/13/05**	
Dil. Factor:	**9.32**	**Date of Analysis: 1/4/06 08:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.7	Not Detected	23	Not Detected
Freon 114	4.7	Not Detected	32	Not Detected
Vinyl Chloride	4.7	Not Detected	12	Not Detected
Bromomethane	4.7	Not Detected	18	Not Detected
Chloroethane	4.7	Not Detected	12	Not Detected
Freon 11	4.7	630	26	3600
1,1-Dichloroethene	4.7	580	18	2300
Freon 113	4.7	1100	36	8600
Methylene Chloride	4.7	Not Detected	16	Not Detected
1,1-Dichloroethane	4.7	33	19	130
cis-1,2-Dichloroethene	4.7	Not Detected	18	Not Detected
Chloroform	4.7	15	23	72
1,1,1-Trichloroethane	4.7	Not Detected	25	Not Detected
Carbon Tetrachloride	4.7	Not Detected	29	Not Detected
Benzene	4.7	18	15	57
1,2-Dichloroethane	4.7	Not Detected	19	Not Detected
Trichloroethene	4.7	1400	25	7700
1,2-Dichloropropane	4.7	Not Detected	22	Not Detected
cis-1,3-Dichloropropene	4.7	Not Detected	21	Not Detected
Toluene	4.7	46	18	170
trans-1,3-Dichloropropene	4.7	Not Detected	21	Not Detected
1,1,2-Trichloroethane	4.7	Not Detected	25	Not Detected
Tetrachloroethene	4.7	360	32	2400
1,2-Dibromoethane (EDB)	4.7	Not Detected	36	Not Detected
Chlorobenzene	4.7	Not Detected	21	Not Detected
Ethyl Benzene	4.7	4.6 J	20	20
m,p-Xylene	4.7	22	20	95
o-Xylene	4.7	8.5	20	37
Styrene	4.7	Not Detected	20	Not Detected
1,1,2,2-Tetrachloroethane	4.7	Not Detected	32	Not Detected
1,3,5-Trimethylbenzene	4.7	Not Detected	23	Not Detected
1,2,4-Trimethylbenzene	4.7	Not Detected	23	Not Detected
1,3-Dichlorobenzene	4.7	Not Detected	28	Not Detected
1,4-Dichlorobenzene	4.7	Not Detected	28	Not Detected
alpha-Chlorotoluene	4.7	Not Detected	24	Not Detected
1,2-Dichlorobenzene	4.7	Not Detected	28	Not Detected
1,3-Butadiene	4.7	12	10	26
Hexane	4.7	54	16	190
Cyclohexane	4.7	Not Detected	16	Not Detected
Bromodichloromethane	4.7	Not Detected	31	Not Detected
Dibromochloromethane	4.7	Not Detected	40	Not Detected
Heptane	4.7	24	19	99

AIR TOXICS LTD.

Client Sample ID: OC-SG-070-VP19-121305

Lab ID#: 0512484A-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010414**	**Date of Collection: 12/13/05**	
Dil. Factor:	**9.32**	**Date of Analysis: 1/4/06 08:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	4.7	Not Detected	23	Not Detected
Propylbenzene	4.7	Not Detected	23	Not Detected
Chloromethane	19	Not Detected	38	Not Detected
1,2,4-Trichlorobenzene	19	Not Detected	140	Not Detected
Hexachlorobutadiene	19	Not Detected	200	Not Detected
Acetone	19	22	44	51
Carbon Disulfide	4.7	Not Detected	14	Not Detected
2-Propanol	19	Not Detected	46	Not Detected
trans-1,2-Dichloroethene	4.7	Not Detected	18	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.7	41	14	120
Tetrahydrofuran	4.7	Not Detected	14	Not Detected
1,4-Dioxane	19	Not Detected	67	Not Detected
4-Methyl-2-pentanone	4.7	Not Detected	19	Not Detected
2-Hexanone	19	Not Detected	76	Not Detected
Bromoform	4.7	Not Detected	48	Not Detected
4-Ethyltoluene	4.7	4.9	23	24
Ethanol	19	Not Detected	35	Not Detected
Methyl tert-butyl ether	4.7	Not Detected	17	Not Detected
2,2,4-Trimethylpentane	4.7	92	22	430
3-Chloropropene	19	Not Detected	58	Not Detected

J = Estimated value.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	240 J
1-Propene, 2-methyl-	115-11-7	80%	230 N J
Methane, dichlorofluoro-	75-43-4	76%	3200 N J
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	93%	10000 N J
Pentane, 2-methyl-	107-83-5	87%	140 N J
Heptane, 4-methyl-	589-53-7	72%	75 N J
Hexane, 2,2-dimethyl-	590-73-8	72%	210 N J
1-Pentene, 3-ethyl-2-methyl-	19780-66-6	43%	100 N J
Unknown	NA	NA	75 J
1-Octene, 3-ethyl-	74630-08-3	40%	110 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-070-VP19-121305

Lab ID#: 0512484A-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010414**	**Date of Collection: 12/13/05**
Dil. Factor:	**9.32**	**Date of Analysis: 1/4/06 08:02 PM**

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484A-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 12:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484A-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 12:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484A-21B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 12:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484A-21B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 12:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484A-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 09:52 AM**	

Compound	%Recovery
Freon 12	106
Freon 114	89
Vinyl Chloride	87
Bromomethane	98
Chloroethane	91
Freon 11	106
1,1-Dichloroethene	89
Freon 113	90
Methylene Chloride	84
1,1-Dichloroethane	89
cis-1,2-Dichloroethene	92
Chloroform	96
1,1,1-Trichloroethane	101
Carbon Tetrachloride	109
Benzene	87
1,2-Dichloroethane	106
Trichloroethene	99
1,2-Dichloropropane	92
cis-1,3-Dichloropropene	96
Toluene	92
trans-1,3-Dichloropropene	92
1,1,2-Trichloroethane	89
Tetrachloroethene	91
1,2-Dibromoethane (EDB)	94
Chlorobenzene	88
Ethyl Benzene	86
m,p-Xylene	83
o-Xylene	82
Styrene	82
1,1,2,2-Tetrachloroethane	87
1,3,5-Trimethylbenzene	81
1,2,4-Trimethylbenzene	80
1,3-Dichlorobenzene	82
1,4-Dichlorobenzene	82
alpha-Chlorotoluene	83
1,2-Dichlorobenzene	81
1,3-Butadiene	77
Hexane	80
Cyclohexane	87
Bromodichloromethane	105
Dibromochloromethane	103
Heptane	90

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484A-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 09:52 AM**	

Compound	%Recovery
Cumene	83
Propylbenzene	85
Chloromethane	98
1,2,4-Trichlorobenzene	80
Hexachlorobutadiene	82
Acetone	79
Carbon Disulfide	82
2-Propanol	82
trans-1,2-Dichloroethene	83
2-Butanone (Methyl Ethyl Ketone)	86
Tetrahydrofuran	87
1,4-Dioxane	94
4-Methyl-2-pentanone	90
2-Hexanone	86
Bromoform	104
4-Ethyltoluene	84
Ethanol	78
Methyl tert-butyl ether	87
2,2,4-Trimethylpentane	84
3-Chloropropene	79

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484A-22B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 10:41 AM**	

Compound	%Recovery
Freon 12	98
Freon 114	87
Vinyl Chloride	88
Bromomethane	94
Chloroethane	91
Freon 11	99
1,1-Dichloroethene	90
Freon 113	88
Methylene Chloride	87
1,1-Dichloroethane	89
cis-1,2-Dichloroethene	91
Chloroform	91
1,1,1-Trichloroethane	94
Carbon Tetrachloride	99
Benzene	86
1,2-Dichloroethane	101
Trichloroethene	97
1,2-Dichloropropane	93
cis-1,3-Dichloropropene	94
Toluene	90
trans-1,3-Dichloropropene	90
1,1,2-Trichloroethane	88
Tetrachloroethene	89
1,2-Dibromoethane (EDB)	90
Chlorobenzene	86
Ethyl Benzene	85
m,p-Xylene	82
o-Xylene	83
Styrene	74
1,1,2,2-Tetrachloroethane	88
1,3,5-Trimethylbenzene	80
1,2,4-Trimethylbenzene	81
1,3-Dichlorobenzene	84
1,4-Dichlorobenzene	83
alpha-Chlorotoluene	84
1,2-Dichlorobenzene	84
1,3-Butadiene	83
Hexane	85
Cyclohexane	89
Bromodichloromethane	104
Dibromochloromethane	104
Heptane	91

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484A-22B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 10:41 AM**	

Compound	%Recovery
Cumene	86
Propylbenzene	87
Chloromethane	98
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	97
Acetone	88
Carbon Disulfide	86
2-Propanol	88
trans-1,2-Dichloroethene	87
2-Butanone (Methyl Ethyl Ketone)	92
Tetrahydrofuran	95
1,4-Dioxane	97
4-Methyl-2-pentanone	97
2-Hexanone	93
Bromoform	105
4-Ethyltoluene	86
Ethanol	85
Methyl tert-butyl ether	90
2,2,4-Trimethylpentane	89
3-Chloropropene	85

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484A-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 10:34 AM**	

Compound	%Recovery
Freon 12	88
Freon 114	75
Vinyl Chloride	74
Bromomethane	86
Chloroethane	81
Freon 11	89
1,1-Dichloroethene	81
Freon 113	82
Methylene Chloride	78
1,1-Dichloroethane	81
cis-1,2-Dichloroethene	87
Chloroform	86
1,1,1-Trichloroethane	84
Carbon Tetrachloride	91
Benzene	78
1,2-Dichloroethane	94
Trichloroethene	87
1,2-Dichloropropane	84
cis-1,3-Dichloropropene	96
Toluene	88
trans-1,3-Dichloropropene	86
1,1,2-Trichloroethane	80
Tetrachloroethene	84
1,2-Dibromoethane (EDB)	93
Chlorobenzene	80
Ethyl Benzene	81
m,p-Xylene	80
o-Xylene	77
Styrene	79
1,1,2,2-Tetrachloroethane	80
1,3,5-Trimethylbenzene	72
1,2,4-Trimethylbenzene	76
1,3-Dichlorobenzene	72
1,4-Dichlorobenzene	76
alpha-Chlorotoluene	75
1,2-Dichlorobenzene	70
1,3-Butadiene	80
Hexane	83
Cyclohexane	87
Bromodichloromethane	104
Dibromochloromethane	101
Heptane	91

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484A-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 10:34 AM**	

Compound	%Recovery
Cumene	69
Propylbenzene	79
Chloromethane	91
1,2,4-Trichlorobenzene	76
Hexachlorobutadiene	77
Acetone	89
Carbon Disulfide	88
2-Propanol	78
trans-1,2-Dichloroethene	88
2-Butanone (Methyl Ethyl Ketone)	92
Tetrahydrofuran	90
1,4-Dioxane	94
4-Methyl-2-pentanone	91
2-Hexanone	80
Bromoform	94
4-Ethyltoluene	75
Ethanol	70
Methyl tert-butyl ether	89
2,2,4-Trimethylpentane	92
3-Chloropropene	80

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484A-23B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:23 AM**	

Compound	%Recovery
Freon 12	86
Freon 114	74
Vinyl Chloride	76
Bromomethane	86
Chloroethane	82
Freon 11	86
1,1-Dichloroethene	82
Freon 113	82
Methylene Chloride	81
1,1-Dichloroethane	83
cis-1,2-Dichloroethene	88
Chloroform	85
1,1,1-Trichloroethane	82
Carbon Tetrachloride	89
Benzene	78
1,2-Dichloroethane	91
Trichloroethene	85
1,2-Dichloropropane	86
cis-1,3-Dichloropropene	97
Toluene	88
trans-1,3-Dichloropropene	85
1,1,2-Trichloroethane	81
Tetrachloroethene	83
1,2-Dibromoethane (EDB)	92
Chlorobenzene	79
Ethyl Benzene	81
m,p-Xylene	80
o-Xylene	76
Styrene	79
1,1,2,2-Tetrachloroethane	79
1,3,5-Trimethylbenzene	72
1,2,4-Trimethylbenzene	77
1,3-Dichlorobenzene	72
1,4-Dichlorobenzene	76
alpha-Chlorotoluene	77
1,2-Dichlorobenzene	71
1,3-Butadiene	82
Hexane	87
Cyclohexane	90
Bromodichloromethane	102
Dibromochloromethane	98
Heptane	90

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484A-23B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:23 AM**	

Compound	%Recovery
Cumene	70
Propylbenzene	80
Chloromethane	94
1,2,4-Trichlorobenzene	77
Hexachlorobutadiene	81
Acetone	92
Carbon Disulfide	90
2-Propanol	81
trans-1,2-Dichloroethene	89
2-Butanone (Methyl Ethyl Ketone)	95
Tetrahydrofuran	96
1,4-Dioxane	95
4-Methyl-2-pentanone	94
2-Hexanone	83
Bromoform	94
4-Ethyltoluene	76
Ethanol	74
Methyl tert-butyl ether	90
2,2,4-Trimethylpentane	96
3-Chloropropene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	97	70-130

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CHAIN-OF-CUSTODY RECORD

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Collected by: (Signature) Scott A. Sanderson

Project Info:
P.O. #:
Project #:
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VFR
Date: 12/27/05
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	OC-SG-008-VP13-121205	3394	12/12/05	1600	TO-15 (VOCs & Freon 11, 12, 113)	-30	-4	3.0"Hg	15.0 psi
02A	OC-SG-020-VP13-121205	2164	↓	1636	↓	-30	-7	5.0"Hg	↓
03A	OC-SG-029-VP13-121205	13897		1542		-30	-4	3.5"Hg	
04A	OC-SG-040-VP13-121205	2181		1533	Methane (ASTM 1946), TO-15 (VOCs & Freon 11, 12, 113)	-28	-4	5.0"Hg	
05A	OC-SG-056-VP13-121205	34615		1525	TO-15 (VOCs & Freon 11, 12, 113)	-30	-5	1.5"Hg	
~~06A~~	OC-SG-071-VP13-121205	11893		1517	Methane (ASTM 1946)	-28	-5	5.0"Hg	↓
07A	OC-SG-015-VP17-121205	34601		1406	TO-15 (VOCs & Freon 11, 12, 113)	-29	-4	6.0"Hg	15.2 psi
08A	OC-SG-025-VP17-121205	34600		1353	↓	-30	-5	3.5"Hg	15.0 psi
09A	OC-SG-031-VP17-121205	12382		1341		-28	-5	5.0"Hg	15.0 psi
10A	OC-SG-045-VP17-121205	11833	↓	1310	↓	-29	-5	8.5"Hg	15.0 psi

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Scott A. Sanderson	12-18-05/1600	OM Watson	12/21/15 1120

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Felex	6429 3890 1208	--	good	Yes No None	0512484

Form 1293 rev.10

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person: Sharon Wallin
Company: CDM, Inc Email:
Address: 1851 Teller Ave, Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5455 Fax: (949) 752-1307
Collected by: (Signature) Scott A Anderson

Project Info:
P.O. #:
Project #:
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VIR
Date: 12/27/05
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
11A	OC-SG-060-VP17-121205	2091	12/12/05	1259	TO-15 (VOCs & Freon 11,12,113)	-24	-4	8.5"Hg	15.0psi
12A	OC-SG-006-VP19-121305	33405	12/13/05	1130		-30	-5	3.0"Hg	
13A	OC-SG-012-VP19-121305	31777		1121		-27	-5	4.5"Hg	
14A	OC-SG-018-VP19-121305	9366		1113		-29	-5	4.0"Hg	
15A	OC-SG-024-VP19-121305	9440		1102	Methane (ASTM 1946); TO-15 (VOCs & Freon 11,12,113)	-28	-5	4.5"Hg	
16A	OC-SG-040-VP19-121305	2136		1151	Methane (ASTM 1946); TO-15 (VOCs & Freon 11,12,113)	-30	-5	4.0"Hg	
17A	OC-SG-050-VP19-121305	9477		1014	Methane (ASTM 1946); TO-15 (VOCs & Freon 11,12,113)	-28	-4	3.0"Hg	
18A	OC-SG-050K-VP19-121305	9442		1014	Methane (ASTM 1946); TO-15 (VOCs & Freon 11,12,113)	-28	-3	3.5"Hg	
19A	OC-SG-060-VP19-121305	2110		1040	Methane (ASTM 1946); TO-15 (VOCs & Freon 11,12,113)	-30	-5	3.5"Hg	
20A	OC-SG-070-VP19-121305	9487		958	TO-15 (VOCs & Freon 11,12,113)	-29	-5	4.0"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Scott A Anderson	12-18-05/16:00	[illegible] for	12/21/05 1120
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Fedex	6429 3890 1208	-	good	Yes No (None)	0512484

Form 1228 rev.10

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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Hours 8:00 A.M to 6:00 P.M. Pacific

@ AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0512484B

Work Order Summary

CLIENT:	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612	**BILL TO:**	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612
PHONE:	949-930-2158	**P.O. #**	
FAX:	949-752-1307	**PROJECT #**	Omega Chemical
DATE RECEIVED:	12/21/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/05/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
21A	OC-SG-008-VP16-121305	Modified TO-15/TICs	3.0 "Hg
22A	OC-SG-022-VP16-121305	Modified TO-15/TICs	4.0 "Hg
22AA	OC-SG-022-VP16-121305 Duplicate	Modified TO-15/TICs	4.0 "Hg
23A	OC-SG-032-VP16-121305	Modified TO-15/TICs	5.0 "Hg
24A	OC-SG-047-VP16-121305	Modified TO-15/TICs	5.0 "Hg
25A	OC-SG-060-VP16-121405	Modified TO-15/TICs	10.0 "Hg
26A	OC-SG-032K-VP16-121305	Modified TO-15/TICs	5.0 "Hg
27A	OC-SG-006-VP15-121405	Modified TO-15/TICs	6.0 "Hg
28A	OC-SG-012-VP15-121405	Modified TO-15/TICs	6.5 "Hg
29A	OC-SG-018-VP15-121405	Modified TO-15/TICs	6.0 "Hg
30A	OC-SG-024-VP15-121405	Modified TO-15/TICs	4.5 "Hg
31A	OC-SG-040-VP15-121405	Modified TO-15/TICs	3.5 "Hg
32A	OC-SG-050-VP15-121405	Modified TO-15/TICs	3.5 "Hg
33A	OC-SG-060-VP15-121405	Modified TO-15/TICs	4.5 "Hg
34A	OC-SG-070-VP15-121405	Modified TO-15/TICs	2.5 "Hg
35A	OC-SG-012K-VP15-121405	Modified TO-15/TICs	5.0 "Hg
36A	OC-SG-027-VP18-121505	Modified TO-15/TICs	2.5 "Hg

Continued on next page

WORK ORDER #: 0512484B

Work Order Summary

CLIENT: Mr. Scott Sanderson
CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612

BILL TO: Mr. Scott Sanderson
CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612

PHONE: 949-930-2158
FAX: 949-752-1307
DATE RECEIVED: 12/21/2005
DATE COMPLETED: 01/05/2006

P.O. #
PROJECT # Omega Chemical
CONTACT: Kyle Vagadori

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
37A	OC-SG-038K-VP18-121505	Modified TO-15/TICs	3.5 "Hg
38A	OC-SG-038-VP18-121505	Modified TO-15/TICs	3.0 "Hg
39A	OC-SG-050-VP18-121505	Modified TO-15/TICs	3.5 "Hg
40A	Lab Blank	Modified TO-15/TICs	NA
40B	Lab Blank	Modified TO-15/TICs	NA
40C	Lab Blank	Modified TO-15/TICs	NA
41A	CCV	Modified TO-15/TICs	NA
41B	CCV	Modified TO-15/TICs	NA
41C	CCV	Modified TO-15/TICs	NA
42A	LCS	Modified TO-15/TICs	NA
42B	LCS	Modified TO-15/TICs	NA
42C	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda D. Fruman DATE: 01/05/06

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0512484B

Nineteen 1 Liter Summa Canister samples were received on December 21, 2005. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported LCS for each daily batch has been derived from more than one analytical file.

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-008-VP16-121305

Lab ID#: 0512484B-21A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	110	8200	630	46000
1,1-Dichloroethene	110	15000	440	59000
Freon 113	110	24000	860	180000
Trichloroethene	110	1100	600	6100
Tetrachloroethene	110	3000	760	20000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	580 N J
.alpha.-Pinene	80-56-8	96%	38000 N J
.beta.-Pinene	127-91-3	91%	1200 N J

Client Sample ID: OC-SG-022-VP16-121305

Lab ID#: 0512484B-22A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	260	13000	1400	74000
1,1-Dichloroethene	260	45000	1000	180000
Freon 113	260	44000	2000	340000
Trichloroethene	260	2000	1400	10000
Tetrachloroethene	260	4100	1800	28000

Client Sample ID: OC-SG-022-VP16-121305 Duplicate

Lab ID#: 0512484B-22AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	260	12000	1400	65000
1,1-Dichloroethene	260	39000	1000	150000
Freon 113	260	38000	2000	300000
Trichloroethene	260	1600	1400	8400
Tetrachloroethene	260	3400	1800	23000

Client Sample ID: OC-SG-032-VP16-121305

Lab ID#: 0512484B-23A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	240	18000	1400	99000
1,1-Dichloroethene	240	83000	960	330000

Client Sample ID: OC-SG-032-VP16-121305

Lab ID#: 0512484B-23A

Freon 113	240	58000	1800	440000
Trichloroethene	240	4700	1300	25000
Tetrachloroethene	240	21000	1600	140000

Client Sample ID: OC-SG-047-VP16-121305

Lab ID#: 0512484B-24A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	800	41000	4500	230000
1,1-Dichloroethene	800	160000	3200	620000
Freon 113	800	170000	6200	1300000
Trichloroethene	800	6100	4300	33000
Tetrachloroethene	800	18000	5500	120000
Hexane	800	3400	2800	12000
Cyclohexane	800	1700	2800	5800
2-Propanol	3200	4100	7900	10000
2,2,4-Trimethylpentane	800	960	3800	4500

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	64%	16000 N J
Butane, 2-methyl-	78-78-4	80%	61000 N J
2-Butene, 2-methyl-	513-35-9	59%	18000 N J
Pentane, 2-methyl-	107-83-5	90%	31000 N J
Pentane, 3-methyl-	96-14-0	90%	12000 N J
Cyclopentane, methyl-	96-37-7	83%	9900 N J

Client Sample ID: OC-SG-060-VP16-121405

Lab ID#: 0512484B-25A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	23	690	130	3900
1,1-Dichloroethene	23	7400	92	29000
Freon 113	23	2400	180	18000
Trichloroethene	23	850	120	4600
Toluene	23	26	88	96
Tetrachloroethene	23	2200	160	15000
Hexane	23	25	82	87

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	160 J
Butane, 2-methyl-	78-78-4	80%	350 N J
Pentane, 2-methyl-	107-83-5	83%	180 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	120 N J

Client Sample ID: OC-SG-032K-VP16-121305

Lab ID#: 0512484B-26A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	240	16000	1400	93000
1,1-Dichloroethene	240	77000	960	310000
Freon 113	240	54000	1800	420000
Trichloroethene	240	4400	1300	24000
Tetrachloroethene	240	21000	1600	140000

Client Sample ID: OC-SG-006-VP15-121405

Lab ID#: 0512484B-27A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	250	16000	1400	89000
1,1-Dichloroethene	250	97000	1000	380000
Freon 113	250	55000	1900	420000
Trichloroethene	250	4500	1400	24000
Tetrachloroethene	250	64000	1700	430000

Client Sample ID: OC-SG-012-VP15-121405

Lab ID#: 0512484B-28A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	860	36000	4800	200000
1,1-Dichloroethene	860	220000	3400	860000
Freon 113	860	130000	6600	1000000
Trichloroethene	860	11000	4600	58000
Tetrachloroethene	860	130000	5800	900000

Client Sample ID: OC-SG-018-VP15-121405

Lab ID#: 0512484B-29A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	500	37000	2800	210000
1,1-Dichloroethene	500	200000	2000	810000
Freon 113	500	120000	3900	900000
Trichloroethene	500	5800	2700	31000
Tetrachloroethene	500	48000	3400	320000

Client Sample ID: OC-SG-024-VP15-121405

Lab ID#: 0512484B-30A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	480	29000	2700	160000
1,1-Dichloroethene	480	130000	1900	530000
Freon 113	480	83000	3600	630000

Client Sample ID: OC-SG-024-VP15-121405

Lab ID#: 0512484B-30A

Trichloroethene	480	2200	2600	12000
Tetrachloroethene	480	10000	3200	71000

Client Sample ID: OC-SG-040-VP15-121405

Lab ID#: 0512484B-31A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1100	70000	6400	400000
1,1-Dichloroethene	1100	290000	4500	1100000
Freon 113	1100	200000	8800	1500000
Chloroform	1100	3000	5600	14000
Benzene	1100	1600	3600	5300
Trichloroethene	1100	9800	6200	53000
Tetrachloroethene	1100	28000	7800	190000
Hexane	1100	9600	4000	34000
Cyclohexane	1100	4500	3900	15000
Heptane	1100	2400	4700	9800
2-Propanol	4600	5500	11000	13000
2,2,4-Trimethylpentane	1100	2600	5300	12000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	64%	35000 N J
Butane, 2-methyl-	78-78-4	80%	140000 N J
Cyclopropane, 1,2-dimethyl-, trans-	2402-06-4	72%	41000 N J
Pentane, 2-methyl-	107-83-5	91%	72000 N J
1-Pentene	109-67-1	56%	9200 N J
Pentane, 3-methyl-	96-14-0	78%	30000 N J
1-Butene, 2,3-dimethyl-	563-78-0	86%	7100 N J
Cyclopropane, 1-ethyl-1-methyl-	53778-43-1	70%	9400 N J
Cyclopentane, methyl-	96-37-7	78%	22000 N J
1H-Pyrazole, 4,5-dihydro-4,5-dimethyl-	28019-94-5	53%	7800 N J

Client Sample ID: OC-SG-050-VP15-121405

Lab ID#: 0512484B-32A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1500	62000	8600	350000
1,1-Dichloroethene	1500	290000	6000	1200000
Freon 113	1500	190000	12000	1500000
Chloroform	1500	5100	7400	25000
Benzene	1500	2000	4900	6300
Trichloroethene	1500	14000	8200	78000
Tetrachloroethene	1500	63000	10000	430000
Hexane	1500	10000	5400	37000
Cyclohexane	1500	5100	5200	17000

Client Sample ID: OC-SG-050-VP15-121405

Lab ID#: 0512484B-32A

Heptane	1500	2600	6200	11000
2,2,4-Trimethylpentane	1500	3100	7100	14000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Butane	106-97-8	72%	34000 N J
Butane, 2-methyl-	78-78-4	80%	140000 N J
Pentane	109-66-0	90%	91000 N J
2-Butene, 2-methyl-	513-35-9	80%	38000 N J
Pentane, 2-methyl-	107-83-5	91%	74000 N J
Unknown	NA	NA	9900 J
Pentane, 3-methyl-	96-14-0	83%	31000 N J
Cyclopropane, 1-ethyl-1-methyl-	53778-43-1	60%	10000 N J
1H-Tetrazole, 5-methyl-	4076-36-2	72%	25000 N J
Unknown	NA	NA	9800 J

Client Sample ID: OC-SG-060-VP15-121405

Lab ID#: 0512484B-33A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1600	91000	8900	510000
1,1-Dichloroethene	1600	440000	6300	1700000
Freon 113	1600	280000	12000	2100000
1,1-Dichloroethane	1600	2100	6400	8600
Chloroform	1600	21000	7700	100000
1,1,1-Trichloroethane	1600	3000	8600	16000
Trichloroethene	1600	43000	8500	230000
Tetrachloroethene	1600	280000	11000	1900000

Client Sample ID: OC-SG-070-VP15-121405

Lab ID#: 0512484B-34A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1500	90000	8200	510000
1,1-Dichloroethene	1500	420000	5800	1700000
Freon 113	1500	270000	11000	2100000
1,1-Dichloroethane	1500	1800	5900	7400
Chloroform	1500	19000	7200	91000
1,1,1-Trichloroethane	1500	2700	8000	15000
Trichloroethene	1500	36000	7900	190000
Tetrachloroethene	1500	210000	9900	1400000
2-Propanol	5900	8500	14000	21000

Client Sample ID: OC-SG-012K-VP15-121405

Lab ID#: 0512484B-35A

Client Sample ID: OC-SG-012K-VP15-121405

Lab ID#: 0512484B-35A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	480	28000	2700	160000
1,1-Dichloroethene	480	140000	1900	550000
Freon 113	480	85000	3700	650000
Trichloroethene	480	7000	2600	38000
Toluene	480	710	1800	2700
Tetrachloroethene	480	77000	3300	520000
2-Propanol	1900	4000	4800	9800

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Limonene	138-86-3	96%	3100 N J

Client Sample ID: OC-SG-027-VP18-121505

Lab ID#: 0512484B-36A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	880	930	4400	4600
Freon 11	880	46000	4900	260000
1,1-Dichloroethene	880	210000	3500	820000
Freon 113	880	190000	6700	1400000
Trichloroethene	880	2300	4700	12000
Tetrachloroethene	880	7600	6000	51000
2-Propanol	3500	7800	8600	19000

Client Sample ID: OC-SG-038K-VP18-121505

Lab ID#: 0512484B-37A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1500	60000	8600	340000
1,1-Dichloroethene	1500	390000	6000	1600000
Freon 113	1500	260000	12000	2000000
Trichloroethene	1500	12000	8200	66000
Tetrachloroethene	1500	74000	10000	500000

Client Sample ID: OC-SG-038-VP18-121505

Lab ID#: 0512484B-38A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1500	55000	8400	310000
1,1-Dichloroethene	1500	360000	5900	1400000
Freon 113	1500	230000	11000	1800000
Trichloroethene	1500	11000	8000	60000
Tetrachloroethene	1500	67000	10000	450000

Client Sample ID: OC-SG-050-VP18-121505

Lab ID#: 0512484B-39A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1900	2400	9400	12000
Freon 11	1900	110000	11000	600000
1,1-Dichloroethene	1900	520000	7600	2100000
Freon 113	1900	400000	15000	3100000
Trichloroethene	1900	21000	10000	110000
Tetrachloroethene	1900	120000	13000	830000

AIR TOXICS LTD.

Client Sample ID: OC-SG-008-VP16-121305

Lab ID#: 0512484B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010426**	**Date of Collection:**	**12/13/05**
Dil. Factor:	**224**	**Date of Analysis:**	**1/5/06 07:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	110	Not Detected	550	Not Detected
Freon 114	110	Not Detected	780	Not Detected
Vinyl Chloride	110	Not Detected	290	Not Detected
Bromomethane	110	Not Detected	430	Not Detected
Chloroethane	110	Not Detected	300	Not Detected
Freon 11	110	8200	630	46000
1,1-Dichloroethene	110	15000	440	59000
Freon 113	110	24000	860	180000
Methylene Chloride	110	Not Detected	390	Not Detected
1,1-Dichloroethane	110	Not Detected	450	Not Detected
cis-1,2-Dichloroethene	110	Not Detected	440	Not Detected
Chloroform	110	Not Detected	550	Not Detected
1,1,1-Trichloroethane	110	Not Detected	610	Not Detected
Carbon Tetrachloride	110	Not Detected	700	Not Detected
Benzene	110	Not Detected	360	Not Detected
1,2-Dichloroethane	110	Not Detected	450	Not Detected
Trichloroethene	110	1100	600	6100
1,2-Dichloropropane	110	Not Detected	520	Not Detected
cis-1,3-Dichloropropene	110	Not Detected	510	Not Detected
Toluene	110	Not Detected	420	Not Detected
trans-1,3-Dichloropropene	110	Not Detected	510	Not Detected
1,1,2-Trichloroethane	110	Not Detected	610	Not Detected
Tetrachloroethene	110	3000	760	20000
1,2-Dibromoethane (EDB)	110	Not Detected	860	Not Detected
Chlorobenzene	110	Not Detected	520	Not Detected
Ethyl Benzene	110	Not Detected	490	Not Detected
m,p-Xylene	110	Not Detected	490	Not Detected
o-Xylene	110	Not Detected	490	Not Detected
Styrene	110	Not Detected	480	Not Detected
1,1,2,2-Tetrachloroethane	110	Not Detected	770	Not Detected
1,3,5-Trimethylbenzene	110	Not Detected	550	Not Detected
1,2,4-Trimethylbenzene	110	Not Detected	550	Not Detected
1,3-Dichlorobenzene	110	Not Detected	670	Not Detected
1,4-Dichlorobenzene	110	Not Detected	670	Not Detected
alpha-Chlorotoluene	110	Not Detected	580	Not Detected
1,2-Dichlorobenzene	110	Not Detected	670	Not Detected
1,3-Butadiene	110	Not Detected	250	Not Detected
Hexane	110	Not Detected	390	Not Detected
Cyclohexane	110	Not Detected	380	Not Detected
Bromodichloromethane	110	Not Detected	750	Not Detected
Dibromochloromethane	110	Not Detected	950	Not Detected
Heptane	110	Not Detected	460	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-008-VP16-121305

Lab ID#: 0512484B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010426**	**Date of Collection:**	**12/13/05**
Dil. Factor:	**224**	**Date of Analysis:**	**1/5/06 07:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	110	Not Detected	550	Not Detected
Propylbenzene	110	Not Detected	550	Not Detected
Chloromethane	450	Not Detected	920	Not Detected
1,2,4-Trichlorobenzene	450	Not Detected	3300	Not Detected
Hexachlorobutadiene	450	Not Detected	4800	Not Detected
Acetone	450	Not Detected	1100	Not Detected
Carbon Disulfide	110	Not Detected	350	Not Detected
2-Propanol	450	Not Detected	1100	Not Detected
trans-1,2-Dichloroethene	110	Not Detected	440	Not Detected
2-Butanone (Methyl Ethyl Ketone)	110	Not Detected	330	Not Detected
Tetrahydrofuran	110	Not Detected	330	Not Detected
1,4-Dioxane	450	Not Detected	1600	Not Detected
4-Methyl-2-pentanone	110	Not Detected	460	Not Detected
2-Hexanone	450	Not Detected	1800	Not Detected
Bromoform	110	Not Detected	1200	Not Detected
4-Ethyltoluene	110	Not Detected	550	Not Detected
Ethanol	450	Not Detected	840	Not Detected
Methyl tert-butyl ether	110	Not Detected	400	Not Detected
2,2,4-Trimethylpentane	110	Not Detected	520	Not Detected
3-Chloropropene	450	Not Detected	1400	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	580 N J
.alpha.-Pinene	80-56-8	96%	38000 N J
.beta.-Pinene	127-91-3	91%	1200 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-022-VP16-121305

Lab ID#: 0512484B-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010418**	**Date of Collection: 12/13/05**	
Dil. Factor:	**518**	**Date of Analysis: 1/5/06 02:27 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	260	Not Detected	1300	Not Detected
Freon 114	260	Not Detected	1800	Not Detected
Vinyl Chloride	260	Not Detected	660	Not Detected
Bromomethane	260	Not Detected	1000	Not Detected
Chloroethane	260	Not Detected	680	Not Detected
Freon 11	260	13000	1400	74000
1,1-Dichloroethene	260	45000	1000	180000
Freon 113	260	44000	2000	340000
Methylene Chloride	260	Not Detected	900	Not Detected
1,1-Dichloroethane	260	Not Detected	1000	Not Detected
cis-1,2-Dichloroethene	260	Not Detected	1000	Not Detected
Chloroform	260	Not Detected	1300	Not Detected
1,1,1-Trichloroethane	260	Not Detected	1400	Not Detected
Carbon Tetrachloride	260	Not Detected	1600	Not Detected
Benzene	260	Not Detected	830	Not Detected
1,2-Dichloroethane	260	Not Detected	1000	Not Detected
Trichloroethene	260	2000	1400	10000
1,2-Dichloropropane	260	Not Detected	1200	Not Detected
cis-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
Toluene	260	Not Detected	980	Not Detected
trans-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	260	Not Detected	1400	Not Detected
Tetrachloroethene	260	4100	1800	28000
1,2-Dibromoethane (EDB)	260	Not Detected	2000	Not Detected
Chlorobenzene	260	Not Detected	1200	Not Detected
Ethyl Benzene	260	Not Detected	1100	Not Detected
m,p-Xylene	260	Not Detected	1100	Not Detected
o-Xylene	260	Not Detected	1100	Not Detected
Styrene	260	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	260	Not Detected	1800	Not Detected
1,3,5-Trimethylbenzene	260	Not Detected	1300	Not Detected
1,2,4-Trimethylbenzene	260	Not Detected	1300	Not Detected
1,3-Dichlorobenzene	260	Not Detected	1600	Not Detected
1,4-Dichlorobenzene	260	Not Detected	1600	Not Detected
alpha-Chlorotoluene	260	Not Detected	1300	Not Detected
1,2-Dichlorobenzene	260	Not Detected	1600	Not Detected
1,3-Butadiene	260	Not Detected	570	Not Detected
Hexane	260	Not Detected	910	Not Detected
Cyclohexane	260	Not Detected	890	Not Detected
Bromodichloromethane	260	Not Detected	1700	Not Detected
Dibromochloromethane	260	Not Detected	2200	Not Detected
Heptane	260	Not Detected	1100	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-022-VP16-121305

Lab ID#: 0512484B-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010418**	**Date of Collection: 12/13/05**	
Dil. Factor:	**518**	**Date of Analysis: 1/5/06 02:27 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	260	Not Detected	1300	Not Detected
Propylbenzene	260	Not Detected	1300	Not Detected
Chloromethane	1000	Not Detected	2100	Not Detected
1,2,4-Trichlorobenzene	1000	Not Detected	7700	Not Detected
Hexachlorobutadiene	1000	Not Detected	11000	Not Detected
Acetone	1000	Not Detected	2500	Not Detected
Carbon Disulfide	260	Not Detected	810	Not Detected
2-Propanol	1000	Not Detected	2500	Not Detected
trans-1,2-Dichloroethene	260	Not Detected	1000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	260	Not Detected	760	Not Detected
Tetrahydrofuran	260	Not Detected	760	Not Detected
1,4-Dioxane	1000	Not Detected	3700	Not Detected
4-Methyl-2-pentanone	260	Not Detected	1100	Not Detected
2-Hexanone	1000	Not Detected	4200	Not Detected
Bromoform	260	Not Detected	2700	Not Detected
4-Ethyltoluene	260	Not Detected	1300	Not Detected
Ethanol	1000	Not Detected	2000	Not Detected
Methyl tert-butyl ether	260	Not Detected	930	Not Detected
2,2,4-Trimethylpentane	260	Not Detected	1200	Not Detected
3-Chloropropene	1000	Not Detected	3200	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	90	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-022-VP16-121305 Duplicate

Lab ID#: 0512484B-22AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010419**	**Date of Collection:**	**12/13/05**
Dil. Factor:	**518**	**Date of Analysis:**	**1/5/06 03:07 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	260	Not Detected	1300	Not Detected
Freon 114	260	Not Detected	1800	Not Detected
Vinyl Chloride	260	Not Detected	660	Not Detected
Bromomethane	260	Not Detected	1000	Not Detected
Chloroethane	260	Not Detected	680	Not Detected
Freon 11	260	12000	1400	65000
1,1-Dichloroethene	260	39000	1000	150000
Freon 113	260	38000	2000	300000
Methylene Chloride	260	Not Detected	900	Not Detected
1,1-Dichloroethane	260	Not Detected	1000	Not Detected
cis-1,2-Dichloroethene	260	Not Detected	1000	Not Detected
Chloroform	260	Not Detected	1300	Not Detected
1,1,1-Trichloroethane	260	Not Detected	1400	Not Detected
Carbon Tetrachloride	260	Not Detected	1600	Not Detected
Benzene	260	Not Detected	830	Not Detected
1,2-Dichloroethane	260	Not Detected	1000	Not Detected
Trichloroethene	260	1600	1400	8400
1,2-Dichloropropane	260	Not Detected	1200	Not Detected
cis-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
Toluene	260	Not Detected	980	Not Detected
trans-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	260	Not Detected	1400	Not Detected
Tetrachloroethene	260	3400	1800	23000
1,2-Dibromoethane (EDB)	260	Not Detected	2000	Not Detected
Chlorobenzene	260	Not Detected	1200	Not Detected
Ethyl Benzene	260	Not Detected	1100	Not Detected
m,p-Xylene	260	Not Detected	1100	Not Detected
o-Xylene	260	Not Detected	1100	Not Detected
Styrene	260	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	260	Not Detected	1800	Not Detected
1,3,5-Trimethylbenzene	260	Not Detected	1300	Not Detected
1,2,4-Trimethylbenzene	260	Not Detected	1300	Not Detected
1,3-Dichlorobenzene	260	Not Detected	1600	Not Detected
1,4-Dichlorobenzene	260	Not Detected	1600	Not Detected
alpha-Chlorotoluene	260	Not Detected	1300	Not Detected
1,2-Dichlorobenzene	260	Not Detected	1600	Not Detected
1,3-Butadiene	260	Not Detected	570	Not Detected
Hexane	260	Not Detected	910	Not Detected
Cyclohexane	260	Not Detected	890	Not Detected
Bromodichloromethane	260	Not Detected	1700	Not Detected
Dibromochloromethane	260	Not Detected	2200	Not Detected
Heptane	260	Not Detected	1100	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-022-VP16-121305 Duplicate

Lab ID#: 0512484B-22AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010419**	**Date of Collection:**	**12/13/05**
Dil. Factor:	**518**	**Date of Analysis:**	**1/5/06 03:07 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	260	Not Detected	1300	Not Detected
Propylbenzene	260	Not Detected	1300	Not Detected
Chloromethane	1000	Not Detected	2100	Not Detected
1,2,4-Trichlorobenzene	1000	Not Detected	7700	Not Detected
Hexachlorobutadiene	1000	Not Detected	11000	Not Detected
Acetone	1000	Not Detected	2500	Not Detected
Carbon Disulfide	260	Not Detected	810	Not Detected
2-Propanol	1000	Not Detected	2500	Not Detected
trans-1,2-Dichloroethene	260	Not Detected	1000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	260	Not Detected	760	Not Detected
Tetrahydrofuran	260	Not Detected	760	Not Detected
1,4-Dioxane	1000	Not Detected	3700	Not Detected
4-Methyl-2-pentanone	260	Not Detected	1100	Not Detected
2-Hexanone	1000	Not Detected	4200	Not Detected
Bromoform	260	Not Detected	2700	Not Detected
4-Ethyltoluene	260	Not Detected	1300	Not Detected
Ethanol	1000	Not Detected	2000	Not Detected
Methyl tert-butyl ether	260	Not Detected	930	Not Detected
2,2,4-Trimethylpentane	260	Not Detected	1200	Not Detected
3-Chloropropene	1000	Not Detected	3200	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	91	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-032-VP16-121305

Lab ID#: 0512484B-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010424**	**Date of Collection: 12/13/05**	
Dil. Factor:	**484**	**Date of Analysis: 1/5/06 07:31 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	240	Not Detected	1200	Not Detected
Freon 114	240	Not Detected	1700	Not Detected
Vinyl Chloride	240	Not Detected	620	Not Detected
Bromomethane	240	Not Detected	940	Not Detected
Chloroethane	240	Not Detected	640	Not Detected
Freon 11	240	18000	1400	99000
1,1-Dichloroethene	240	83000	960	330000
Freon 113	240	58000	1800	440000
Methylene Chloride	240	Not Detected	840	Not Detected
1,1-Dichloroethane	240	Not Detected	980	Not Detected
cis-1,2-Dichloroethene	240	Not Detected	960	Not Detected
Chloroform	240	Not Detected	1200	Not Detected
1,1,1-Trichloroethane	240	Not Detected	1300	Not Detected
Carbon Tetrachloride	240	Not Detected	1500	Not Detected
Benzene	240	Not Detected	770	Not Detected
1,2-Dichloroethane	240	Not Detected	980	Not Detected
Trichloroethene	240	4700	1300	25000
1,2-Dichloropropane	240	Not Detected	1100	Not Detected
cis-1,3-Dichloropropene	240	Not Detected	1100	Not Detected
Toluene	240	Not Detected	910	Not Detected
trans-1,3-Dichloropropene	240	Not Detected	1100	Not Detected
1,1,2-Trichloroethane	240	Not Detected	1300	Not Detected
Tetrachloroethene	240	21000	1600	140000
1,2-Dibromoethane (EDB)	240	Not Detected	1800	Not Detected
Chlorobenzene	240	Not Detected	1100	Not Detected
Ethyl Benzene	240	Not Detected	1000	Not Detected
m,p-Xylene	240	Not Detected	1000	Not Detected
o-Xylene	240	Not Detected	1000	Not Detected
Styrene	240	Not Detected	1000	Not Detected
1,1,2,2-Tetrachloroethane	240	Not Detected	1700	Not Detected
1,3,5-Trimethylbenzene	240	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	240	Not Detected	1200	Not Detected
1,3-Dichlorobenzene	240	Not Detected	1400	Not Detected
1,4-Dichlorobenzene	240	Not Detected	1400	Not Detected
alpha-Chlorotoluene	240	Not Detected	1200	Not Detected
1,2-Dichlorobenzene	240	Not Detected	1400	Not Detected
1,3-Butadiene	240	Not Detected	540	Not Detected
Hexane	240	Not Detected	850	Not Detected
Cyclohexane	240	Not Detected	830	Not Detected
Bromodichloromethane	240	Not Detected	1600	Not Detected
Dibromochloromethane	240	Not Detected	2100	Not Detected
Heptane	240	Not Detected	990	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-032-VP16-121305

Lab ID#: 0512484B-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010424**	**Date of Collection: 12/13/05**	
Dil. Factor:	**484**	**Date of Analysis: 1/5/06 07:31 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	240	Not Detected	1200	Not Detected
Propylbenzene	240	Not Detected	1200	Not Detected
Chloromethane	970	Not Detected	2000	Not Detected
1,2,4-Trichlorobenzene	970	Not Detected	7200	Not Detected
Hexachlorobutadiene	970	Not Detected	10000	Not Detected
Acetone	970	Not Detected	2300	Not Detected
Carbon Disulfide	240	Not Detected	750	Not Detected
2-Propanol	970	Not Detected	2400	Not Detected
trans-1,2-Dichloroethene	240	Not Detected	960	Not Detected
2-Butanone (Methyl Ethyl Ketone)	240	Not Detected	710	Not Detected
Tetrahydrofuran	240	Not Detected	710	Not Detected
1,4-Dioxane	970	Not Detected	3500	Not Detected
4-Methyl-2-pentanone	240	Not Detected	990	Not Detected
2-Hexanone	970	Not Detected	4000	Not Detected
Bromoform	240	Not Detected	2500	Not Detected
4-Ethyltoluene	240	Not Detected	1200	Not Detected
Ethanol	970	Not Detected	1800	Not Detected
Methyl tert-butyl ether	240	Not Detected	870	Not Detected
2,2,4-Trimethylpentane	240	Not Detected	1100	Not Detected
3-Chloropropene	970	Not Detected	3000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-047-VP16-121305

Lab ID#: 0512484B-24A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010416**	**Date of Collection:**	**12/13/05**
Dil. Factor:	**1610**	**Date of Analysis:**	**1/4/06 09:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	800	Not Detected	4000	Not Detected
Freon 114	800	Not Detected	5600	Not Detected
Vinyl Chloride	800	Not Detected	2000	Not Detected
Bromomethane	800	Not Detected	3100	Not Detected
Chloroethane	800	Not Detected	2100	Not Detected
Freon 11	800	41000	4500	230000
1,1-Dichloroethene	800	160000	3200	620000
Freon 113	800	170000	6200	1300000
Methylene Chloride	800	Not Detected	2800	Not Detected
1,1-Dichloroethane	800	Not Detected	3200	Not Detected
cis-1,2-Dichloroethene	800	Not Detected	3200	Not Detected
Chloroform	800	Not Detected	3900	Not Detected
1,1,1-Trichloroethane	800	Not Detected	4400	Not Detected
Carbon Tetrachloride	800	Not Detected	5100	Not Detected
Benzene	800	Not Detected	2600	Not Detected
1,2-Dichloroethane	800	Not Detected	3200	Not Detected
Trichloroethene	800	6100	4300	33000
1,2-Dichloropropane	800	Not Detected	3700	Not Detected
cis-1,3-Dichloropropene	800	Not Detected	3600	Not Detected
Toluene	800	Not Detected	3000	Not Detected
trans-1,3-Dichloropropene	800	Not Detected	3600	Not Detected
1,1,2-Trichloroethane	800	Not Detected	4400	Not Detected
Tetrachloroethene	800	18000	5500	120000
1,2-Dibromoethane (EDB)	800	Not Detected	6200	Not Detected
Chlorobenzene	800	Not Detected	3700	Not Detected
Ethyl Benzene	800	Not Detected	3500	Not Detected
m,p-Xylene	800	Not Detected	3500	Not Detected
o-Xylene	800	Not Detected	3500	Not Detected
Styrene	800	Not Detected	3400	Not Detected
1,1,2,2-Tetrachloroethane	800	Not Detected	5500	Not Detected
1,3,5-Trimethylbenzene	800	Not Detected	4000	Not Detected
1,2,4-Trimethylbenzene	800	Not Detected	4000	Not Detected
1,3-Dichlorobenzene	800	Not Detected	4800	Not Detected
1,4-Dichlorobenzene	800	Not Detected	4800	Not Detected
alpha-Chlorotoluene	800	Not Detected	4200	Not Detected
1,2-Dichlorobenzene	800	Not Detected	4800	Not Detected
1,3-Butadiene	800	Not Detected	1800	Not Detected
Hexane	800	3400	2800	12000
Cyclohexane	800	1700	2800	5800
Bromodichloromethane	800	Not Detected	5400	Not Detected
Dibromochloromethane	800	Not Detected	6800	Not Detected
Heptane	800	Not Detected	3300	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-047-VP16-121305

Lab ID#: 0512484B-24A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010416**	**Date of Collection: 12/13/05**	
Dil. Factor:	**1610**	**Date of Analysis: 1/4/06 09:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	800	Not Detected	4000	Not Detected
Propylbenzene	800	Not Detected	4000	Not Detected
Chloromethane	3200	Not Detected	6600	Not Detected
1,2,4-Trichlorobenzene	3200	Not Detected	24000	Not Detected
Hexachlorobutadiene	3200	Not Detected	34000	Not Detected
Acetone	3200	Not Detected	7600	Not Detected
Carbon Disulfide	800	Not Detected	2500	Not Detected
2-Propanol	3200	4100	7900	10000
trans-1,2-Dichloroethene	800	Not Detected	3200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	800	Not Detected	2400	Not Detected
Tetrahydrofuran	800	Not Detected	2400	Not Detected
1,4-Dioxane	3200	Not Detected	12000	Not Detected
4-Methyl-2-pentanone	800	Not Detected	3300	Not Detected
2-Hexanone	3200	Not Detected	13000	Not Detected
Bromoform	800	Not Detected	8300	Not Detected
4-Ethyltoluene	800	Not Detected	4000	Not Detected
Ethanol	3200	Not Detected	6100	Not Detected
Methyl tert-butyl ether	800	Not Detected	2900	Not Detected
2,2,4-Trimethylpentane	800	960	3800	4500
3-Chloropropene	3200	Not Detected	10000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Butane	106-97-8	64%	16000 N J
Butane, 2-methyl-	78-78-4	80%	61000 N J
2-Butene, 2-methyl-	513-35-9	59%	18000 N J
Pentane, 2-methyl-	107-83-5	90%	31000 N J
Pentane, 3-methyl-	96-14-0	90%	12000 N J
Cyclopentane, methyl-	96-37-7	83%	9900 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-060-VP16-121405

Lab ID#: 0512484B-25A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010427**	**Date of Collection: 12/14/05**	
Dil. Factor:	**46.6**	**Date of Analysis: 1/5/06 07:51 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	23	Not Detected	120	Not Detected
Freon 114	23	Not Detected	160	Not Detected
Vinyl Chloride	23	Not Detected	60	Not Detected
Bromomethane	23	Not Detected	90	Not Detected
Chloroethane	23	Not Detected	61	Not Detected
Freon 11	23	690	130	3900
1,1-Dichloroethene	23	7400	92	29000
Freon 113	23	2400	180	18000
Methylene Chloride	23	Not Detected	81	Not Detected
1,1-Dichloroethane	23	Not Detected	94	Not Detected
cis-1,2-Dichloroethene	23	Not Detected	92	Not Detected
Chloroform	23	Not Detected	110	Not Detected
1,1,1-Trichloroethane	23	Not Detected	130	Not Detected
Carbon Tetrachloride	23	Not Detected	150	Not Detected
Benzene	23	Not Detected	74	Not Detected
1,2-Dichloroethane	23	Not Detected	94	Not Detected
Trichloroethene	23	850	120	4600
1,2-Dichloropropane	23	Not Detected	110	Not Detected
cis-1,3-Dichloropropene	23	Not Detected	100	Not Detected
Toluene	23	26	88	96
trans-1,3-Dichloropropene	23	Not Detected	100	Not Detected
1,1,2-Trichloroethane	23	Not Detected	130	Not Detected
Tetrachloroethene	23	2200	160	15000
1,2-Dibromoethane (EDB)	23	Not Detected	180	Not Detected
Chlorobenzene	23	Not Detected	110	Not Detected
Ethyl Benzene	23	Not Detected	100	Not Detected
m,p-Xylene	23	Not Detected	100	Not Detected
o-Xylene	23	Not Detected	100	Not Detected
Styrene	23	Not Detected	99	Not Detected
1,1,2,2-Tetrachloroethane	23	Not Detected	160	Not Detected
1,3,5-Trimethylbenzene	23	Not Detected	110	Not Detected
1,2,4-Trimethylbenzene	23	Not Detected	110	Not Detected
1,3-Dichlorobenzene	23	Not Detected	140	Not Detected
1,4-Dichlorobenzene	23	Not Detected	140	Not Detected
alpha-Chlorotoluene	23	Not Detected	120	Not Detected
1,2-Dichlorobenzene	23	Not Detected	140	Not Detected
1,3-Butadiene	23	Not Detected	52	Not Detected
Hexane	23	25	82	87
Cyclohexane	23	Not Detected	80	Not Detected
Bromodichloromethane	23	Not Detected	160	Not Detected
Dibromochloromethane	23	Not Detected	200	Not Detected
Heptane	23	Not Detected	95	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-060-VP16-121405

Lab ID#: 0512484B-25A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010427**	**Date of Collection:**	**12/14/05**
Dil. Factor:	**46.6**	**Date of Analysis:**	**1/5/06 07:51 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	23	Not Detected	110	Not Detected
Propylbenzene	23	Not Detected	110	Not Detected
Chloromethane	93	Not Detected	190	Not Detected
1,2,4-Trichlorobenzene	93	Not Detected	690	Not Detected
Hexachlorobutadiene	93	Not Detected	990	Not Detected
Acetone	93	Not Detected	220	Not Detected
Carbon Disulfide	23	Not Detected	72	Not Detected
2-Propanol	93	Not Detected	230	Not Detected
trans-1,2-Dichloroethene	23	Not Detected	92	Not Detected
2-Butanone (Methyl Ethyl Ketone)	23	Not Detected	69	Not Detected
Tetrahydrofuran	23	Not Detected	69	Not Detected
1,4-Dioxane	93	Not Detected	340	Not Detected
4-Methyl-2-pentanone	23	Not Detected	95	Not Detected
2-Hexanone	93	Not Detected	380	Not Detected
Bromoform	23	Not Detected	240	Not Detected
4-Ethyltoluene	23	Not Detected	110	Not Detected
Ethanol	93	Not Detected	180	Not Detected
Methyl tert-butyl ether	23	Not Detected	84	Not Detected
2,2,4-Trimethylpentane	23	Not Detected	110	Not Detected
3-Chloropropene	93	Not Detected	290	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	160 J
Butane, 2-methyl-	78-78-4	80%	350 N J
Pentane, 2-methyl-	107-83-5	83%	180 N J
Ethane, 1,1,2,2-tetrachloro-1,2-difluoro	76-12-0	91%	120 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-032K-VP16-121305

Lab ID#: 0512484B-26A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010425**	**Date of Collection: 12/13/05**	
Dil. Factor:	**484**	**Date of Analysis: 1/5/06 08:11 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	240	Not Detected	1200	Not Detected
Freon 114	240	Not Detected	1700	Not Detected
Vinyl Chloride	240	Not Detected	620	Not Detected
Bromomethane	240	Not Detected	940	Not Detected
Chloroethane	240	Not Detected	640	Not Detected
Freon 11	240	16000	1400	93000
1,1-Dichloroethene	240	77000	960	310000
Freon 113	240	54000	1800	420000
Methylene Chloride	240	Not Detected	840	Not Detected
1,1-Dichloroethane	240	Not Detected	980	Not Detected
cis-1,2-Dichloroethene	240	Not Detected	960	Not Detected
Chloroform	240	Not Detected	1200	Not Detected
1,1,1-Trichloroethane	240	Not Detected	1300	Not Detected
Carbon Tetrachloride	240	Not Detected	1500	Not Detected
Benzene	240	Not Detected	770	Not Detected
1,2-Dichloroethane	240	Not Detected	980	Not Detected
Trichloroethene	240	4400	1300	24000
1,2-Dichloropropane	240	Not Detected	1100	Not Detected
cis-1,3-Dichloropropene	240	Not Detected	1100	Not Detected
Toluene	240	Not Detected	910	Not Detected
trans-1,3-Dichloropropene	240	Not Detected	1100	Not Detected
1,1,2-Trichloroethane	240	Not Detected	1300	Not Detected
Tetrachloroethene	240	21000	1600	140000
1,2-Dibromoethane (EDB)	240	Not Detected	1800	Not Detected
Chlorobenzene	240	Not Detected	1100	Not Detected
Ethyl Benzene	240	Not Detected	1000	Not Detected
m,p-Xylene	240	Not Detected	1000	Not Detected
o-Xylene	240	Not Detected	1000	Not Detected
Styrene	240	Not Detected	1000	Not Detected
1,1,2,2-Tetrachloroethane	240	Not Detected	1700	Not Detected
1,3,5-Trimethylbenzene	240	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	240	Not Detected	1200	Not Detected
1,3-Dichlorobenzene	240	Not Detected	1400	Not Detected
1,4-Dichlorobenzene	240	Not Detected	1400	Not Detected
alpha-Chlorotoluene	240	Not Detected	1200	Not Detected
1,2-Dichlorobenzene	240	Not Detected	1400	Not Detected
1,3-Butadiene	240	Not Detected	540	Not Detected
Hexane	240	Not Detected	850	Not Detected
Cyclohexane	240	Not Detected	830	Not Detected
Bromodichloromethane	240	Not Detected	1600	Not Detected
Dibromochloromethane	240	Not Detected	2100	Not Detected
Heptane	240	Not Detected	990	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-032K-VP16-121305

Lab ID#: 0512484B-26A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010425**	**Date of Collection: 12/13/05**	
Dil. Factor:	**484**	**Date of Analysis: 1/5/06 08:11 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	240	Not Detected	1200	Not Detected
Propylbenzene	240	Not Detected	1200	Not Detected
Chloromethane	970	Not Detected	2000	Not Detected
1,2,4-Trichlorobenzene	970	Not Detected	7200	Not Detected
Hexachlorobutadiene	970	Not Detected	10000	Not Detected
Acetone	970	Not Detected	2300	Not Detected
Carbon Disulfide	240	Not Detected	750	Not Detected
2-Propanol	970	Not Detected	2400	Not Detected
trans-1,2-Dichloroethene	240	Not Detected	960	Not Detected
2-Butanone (Methyl Ethyl Ketone)	240	Not Detected	710	Not Detected
Tetrahydrofuran	240	Not Detected	710	Not Detected
1,4-Dioxane	970	Not Detected	3500	Not Detected
4-Methyl-2-pentanone	240	Not Detected	990	Not Detected
2-Hexanone	970	Not Detected	4000	Not Detected
Bromoform	240	Not Detected	2500	Not Detected
4-Ethyltoluene	240	Not Detected	1200	Not Detected
Ethanol	970	Not Detected	1800	Not Detected
Methyl tert-butyl ether	240	Not Detected	870	Not Detected
2,2,4-Trimethylpentane	240	Not Detected	1100	Not Detected
3-Chloropropene	970	Not Detected	3000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-006-VP15-121405

Lab ID#: 0512484B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010426**	**Date of Collection:**	**12/14/05**
Dil. Factor:	**506**	**Date of Analysis:**	**1/5/06 08:51 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	250	Not Detected	1200	Not Detected
Freon 114	250	Not Detected	1800	Not Detected
Vinyl Chloride	250	Not Detected	650	Not Detected
Bromomethane	250	Not Detected	980	Not Detected
Chloroethane	250	Not Detected	670	Not Detected
Freon 11	250	16000	1400	89000
1,1-Dichloroethene	250	97000	1000	380000
Freon 113	250	55000	1900	420000
Methylene Chloride	250	Not Detected	880	Not Detected
1,1-Dichloroethane	250	Not Detected	1000	Not Detected
cis-1,2-Dichloroethene	250	Not Detected	1000	Not Detected
Chloroform	250	Not Detected	1200	Not Detected
1,1,1-Trichloroethane	250	Not Detected	1400	Not Detected
Carbon Tetrachloride	250	Not Detected	1600	Not Detected
Benzene	250	Not Detected	810	Not Detected
1,2-Dichloroethane	250	Not Detected	1000	Not Detected
Trichloroethene	250	4500	1400	24000
1,2-Dichloropropane	250	Not Detected	1200	Not Detected
cis-1,3-Dichloropropene	250	Not Detected	1100	Not Detected
Toluene	250	Not Detected	950	Not Detected
trans-1,3-Dichloropropene	250	Not Detected	1100	Not Detected
1,1,2-Trichloroethane	250	Not Detected	1400	Not Detected
Tetrachloroethene	250	64000	1700	430000
1,2-Dibromoethane (EDB)	250	Not Detected	1900	Not Detected
Chlorobenzene	250	Not Detected	1200	Not Detected
Ethyl Benzene	250	Not Detected	1100	Not Detected
m,p-Xylene	250	Not Detected	1100	Not Detected
o-Xylene	250	Not Detected	1100	Not Detected
Styrene	250	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	250	Not Detected	1700	Not Detected
1,3,5-Trimethylbenzene	250	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	250	Not Detected	1200	Not Detected
1,3-Dichlorobenzene	250	Not Detected	1500	Not Detected
1,4-Dichlorobenzene	250	Not Detected	1500	Not Detected
alpha-Chlorotoluene	250	Not Detected	1300	Not Detected
1,2-Dichlorobenzene	250	Not Detected	1500	Not Detected
1,3-Butadiene	250	Not Detected	560	Not Detected
Hexane	250	Not Detected	890	Not Detected
Cyclohexane	250	Not Detected	870	Not Detected
Bromodichloromethane	250	Not Detected	1700	Not Detected
Dibromochloromethane	250	Not Detected	2200	Not Detected
Heptane	250	Not Detected	1000	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-006-VP15-121405

Lab ID#: 0512484B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010426**	**Date of Collection: 12/14/05**	
Dil. Factor:	**506**	**Date of Analysis: 1/5/06 08:51 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	250	Not Detected	1200	Not Detected
Propylbenzene	250	Not Detected	1200	Not Detected
Chloromethane	1000	Not Detected	2100	Not Detected
1,2,4-Trichlorobenzene	1000	Not Detected	7500	Not Detected
Hexachlorobutadiene	1000	Not Detected	11000	Not Detected
Acetone	1000	Not Detected	2400	Not Detected
Carbon Disulfide	250	Not Detected	790	Not Detected
2-Propanol	1000	Not Detected	2500	Not Detected
trans-1,2-Dichloroethene	250	Not Detected	1000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	250	Not Detected	750	Not Detected
Tetrahydrofuran	250	Not Detected	750	Not Detected
1,4-Dioxane	1000	Not Detected	3600	Not Detected
4-Methyl-2-pentanone	250	Not Detected	1000	Not Detected
2-Hexanone	1000	Not Detected	4100	Not Detected
Bromoform	250	Not Detected	2600	Not Detected
4-Ethyltoluene	250	Not Detected	1200	Not Detected
Ethanol	1000	Not Detected	1900	Not Detected
Methyl tert-butyl ether	250	Not Detected	910	Not Detected
2,2,4-Trimethylpentane	250	Not Detected	1200	Not Detected
3-Chloropropene	1000	Not Detected	3200	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-012-VP15-121405

Lab ID#: 0512484B-28A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010506**	**Date of Collection: 12/14/05**	
Dil. Factor:	**1720**	**Date of Analysis: 1/5/06 04:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	860	Not Detected	4200	Not Detected
Freon 114	860	Not Detected	6000	Not Detected
Vinyl Chloride	860	Not Detected	2200	Not Detected
Bromomethane	860	Not Detected	3300	Not Detected
Chloroethane	860	Not Detected	2300	Not Detected
Freon 11	860	36000	4800	200000
1,1-Dichloroethene	860	220000	3400	860000
Freon 113	860	130000	6600	1000000
Methylene Chloride	860	Not Detected	3000	Not Detected
1,1-Dichloroethane	860	Not Detected	3500	Not Detected
cis-1,2-Dichloroethene	860	Not Detected	3400	Not Detected
Chloroform	860	Not Detected	4200	Not Detected
1,1,1-Trichloroethane	860	Not Detected	4700	Not Detected
Carbon Tetrachloride	860	Not Detected	5400	Not Detected
Benzene	860	Not Detected	2700	Not Detected
1,2-Dichloroethane	860	Not Detected	3500	Not Detected
Trichloroethene	860	11000	4600	58000
1,2-Dichloropropane	860	Not Detected	4000	Not Detected
cis-1,3-Dichloropropene	860	Not Detected	3900	Not Detected
Toluene	860	Not Detected	3200	Not Detected
trans-1,3-Dichloropropene	860	Not Detected	3900	Not Detected
1,1,2-Trichloroethane	860	Not Detected	4700	Not Detected
Tetrachloroethene	860	130000	5800	900000
1,2-Dibromoethane (EDB)	860	Not Detected	6600	Not Detected
Chlorobenzene	860	Not Detected	4000	Not Detected
Ethyl Benzene	860	Not Detected	3700	Not Detected
m,p-Xylene	860	Not Detected	3700	Not Detected
o-Xylene	860	Not Detected	3700	Not Detected
Styrene	860	Not Detected	3700	Not Detected
1,1,2,2-Tetrachloroethane	860	Not Detected	5900	Not Detected
1,3,5-Trimethylbenzene	860	Not Detected	4200	Not Detected
1,2,4-Trimethylbenzene	860	Not Detected	4200	Not Detected
1,3-Dichlorobenzene	860	Not Detected	5200	Not Detected
1,4-Dichlorobenzene	860	Not Detected	5200	Not Detected
alpha-Chlorotoluene	860	Not Detected	4400	Not Detected
1,2-Dichlorobenzene	860	Not Detected	5200	Not Detected
1,3-Butadiene	860	Not Detected	1900	Not Detected
Hexane	860	Not Detected	3000	Not Detected
Cyclohexane	860	Not Detected	3000	Not Detected
Bromodichloromethane	860	Not Detected	5800	Not Detected
Dibromochloromethane	860	Not Detected	7300	Not Detected
Heptane	860	Not Detected	3500	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-012-VP15-121405

Lab ID#: 0512484B-28A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010506**	**Date of Collection: 12/14/05**	
Dil. Factor:	**1720**	**Date of Analysis: 1/5/06 04:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	860	Not Detected	4200	Not Detected
Propylbenzene	860	Not Detected	4200	Not Detected
Chloromethane	3400	Not Detected	7100	Not Detected
1,2,4-Trichlorobenzene	3400	Not Detected	26000	Not Detected
Hexachlorobutadiene	3400	Not Detected	37000	Not Detected
Acetone	3400	Not Detected	8200	Not Detected
Carbon Disulfide	860	Not Detected	2700	Not Detected
2-Propanol	3400	Not Detected	8400	Not Detected
trans-1,2-Dichloroethene	860	Not Detected	3400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	860	Not Detected	2500	Not Detected
Tetrahydrofuran	860	Not Detected	2500	Not Detected
1,4-Dioxane	3400	Not Detected	12000	Not Detected
4-Methyl-2-pentanone	860	Not Detected	3500	Not Detected
2-Hexanone	3400	Not Detected	14000	Not Detected
Bromoform	860	Not Detected	8900	Not Detected
4-Ethyltoluene	860	Not Detected	4200	Not Detected
Ethanol	3400	Not Detected	6500	Not Detected
Methyl tert-butyl ether	860	Not Detected	3100	Not Detected
2,2,4-Trimethylpentane	860	Not Detected	4000	Not Detected
3-Chloropropene	3400	Not Detected	11000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	91	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-018-VP15-121405

Lab ID#: 0512484B-29A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010428**	**Date of Collection:**	**12/14/05**
Dil. Factor:	**1010**	**Date of Analysis:**	**1/5/06 10:08 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	500	Not Detected	2500	Not Detected
Freon 114	500	Not Detected	3500	Not Detected
Vinyl Chloride	500	Not Detected	1300	Not Detected
Bromomethane	500	Not Detected	2000	Not Detected
Chloroethane	500	Not Detected	1300	Not Detected
Freon 11	500	37000	2800	210000
1,1-Dichloroethene	500	200000	2000	810000
Freon 113	500	120000	3900	900000
Methylene Chloride	500	Not Detected	1800	Not Detected
1,1-Dichloroethane	500	Not Detected	2000	Not Detected
cis-1,2-Dichloroethene	500	Not Detected	2000	Not Detected
Chloroform	500	Not Detected	2500	Not Detected
1,1,1-Trichloroethane	500	Not Detected	2800	Not Detected
Carbon Tetrachloride	500	Not Detected	3200	Not Detected
Benzene	500	Not Detected	1600	Not Detected
1,2-Dichloroethane	500	Not Detected	2000	Not Detected
Trichloroethene	500	5800	2700	31000
1,2-Dichloropropane	500	Not Detected	2300	Not Detected
cis-1,3-Dichloropropene	500	Not Detected	2300	Not Detected
Toluene	500	Not Detected	1900	Not Detected
trans-1,3-Dichloropropene	500	Not Detected	2300	Not Detected
1,1,2-Trichloroethane	500	Not Detected	2800	Not Detected
Tetrachloroethene	500	48000	3400	320000
1,2-Dibromoethane (EDB)	500	Not Detected	3900	Not Detected
Chlorobenzene	500	Not Detected	2300	Not Detected
Ethyl Benzene	500	Not Detected	2200	Not Detected
m,p-Xylene	500	Not Detected	2200	Not Detected
o-Xylene	500	Not Detected	2200	Not Detected
Styrene	500	Not Detected	2200	Not Detected
1,1,2,2-Tetrachloroethane	500	Not Detected	3500	Not Detected
1,3,5-Trimethylbenzene	500	Not Detected	2500	Not Detected
1,2,4-Trimethylbenzene	500	Not Detected	2500	Not Detected
1,3-Dichlorobenzene	500	Not Detected	3000	Not Detected
1,4-Dichlorobenzene	500	Not Detected	3000	Not Detected
alpha-Chlorotoluene	500	Not Detected	2600	Not Detected
1,2-Dichlorobenzene	500	Not Detected	3000	Not Detected
1,3-Butadiene	500	Not Detected	1100	Not Detected
Hexane	500	Not Detected	1800	Not Detected
Cyclohexane	500	Not Detected	1700	Not Detected
Bromodichloromethane	500	Not Detected	3400	Not Detected
Dibromochloromethane	500	Not Detected	4300	Not Detected
Heptane	500	Not Detected	2100	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-018-VP15-121405

Lab ID#: 0512484B-29A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010428**	**Date of Collection: 12/14/05**	
Dil. Factor:	**1010**	**Date of Analysis: 1/5/06 10:08 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	500	Not Detected	2500	Not Detected
Propylbenzene	500	Not Detected	2500	Not Detected
Chloromethane	2000	Not Detected	4200	Not Detected
1,2,4-Trichlorobenzene	2000	Not Detected	15000	Not Detected
Hexachlorobutadiene	2000	Not Detected	22000	Not Detected
Acetone	2000	Not Detected	4800	Not Detected
Carbon Disulfide	500	Not Detected	1600	Not Detected
2-Propanol	2000	Not Detected	5000	Not Detected
trans-1,2-Dichloroethene	500	Not Detected	2000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	500	Not Detected	1500	Not Detected
Tetrahydrofuran	500	Not Detected	1500	Not Detected
1,4-Dioxane	2000	Not Detected	7300	Not Detected
4-Methyl-2-pentanone	500	Not Detected	2100	Not Detected
2-Hexanone	2000	Not Detected	8300	Not Detected
Bromoform	500	Not Detected	5200	Not Detected
4-Ethyltoluene	500	Not Detected	2500	Not Detected
Ethanol	2000	Not Detected	3800	Not Detected
Methyl tert-butyl ether	500	Not Detected	1800	Not Detected
2,2,4-Trimethylpentane	500	Not Detected	2400	Not Detected
3-Chloropropene	2000	Not Detected	6300	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	91	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-024-VP15-121405

Lab ID#: 0512484B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010507**	**Date of Collection: 12/14/05**	
Dil. Factor:	**952**	**Date of Analysis: 1/5/06 04:44 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	480	Not Detected	2400	Not Detected
Freon 114	480	Not Detected	3300	Not Detected
Vinyl Chloride	480	Not Detected	1200	Not Detected
Bromomethane	480	Not Detected	1800	Not Detected
Chloroethane	480	Not Detected	1200	Not Detected
Freon 11	480	29000	2700	160000
1,1-Dichloroethene	480	130000	1900	530000
Freon 113	480	83000	3600	630000
Methylene Chloride	480	Not Detected	1600	Not Detected
1,1-Dichloroethane	480	Not Detected	1900	Not Detected
cis-1,2-Dichloroethene	480	Not Detected	1900	Not Detected
Chloroform	480	Not Detected	2300	Not Detected
1,1,1-Trichloroethane	480	Not Detected	2600	Not Detected
Carbon Tetrachloride	480	Not Detected	3000	Not Detected
Benzene	480	Not Detected	1500	Not Detected
1,2-Dichloroethane	480	Not Detected	1900	Not Detected
Trichloroethene	480	2200	2600	12000
1,2-Dichloropropane	480	Not Detected	2200	Not Detected
cis-1,3-Dichloropropene	480	Not Detected	2200	Not Detected
Toluene	480	Not Detected	1800	Not Detected
trans-1,3-Dichloropropene	480	Not Detected	2200	Not Detected
1,1,2-Trichloroethane	480	Not Detected	2600	Not Detected
Tetrachloroethene	480	10000	3200	71000
1,2-Dibromoethane (EDB)	480	Not Detected	3600	Not Detected
Chlorobenzene	480	Not Detected	2200	Not Detected
Ethyl Benzene	480	Not Detected	2100	Not Detected
m,p-Xylene	480	Not Detected	2100	Not Detected
o-Xylene	480	Not Detected	2100	Not Detected
Styrene	480	Not Detected	2000	Not Detected
1,1,2,2-Tetrachloroethane	480	Not Detected	3300	Not Detected
1,3,5-Trimethylbenzene	480	Not Detected	2300	Not Detected
1,2,4-Trimethylbenzene	480	Not Detected	2300	Not Detected
1,3-Dichlorobenzene	480	Not Detected	2900	Not Detected
1,4-Dichlorobenzene	480	Not Detected	2900	Not Detected
alpha-Chlorotoluene	480	Not Detected	2500	Not Detected
1,2-Dichlorobenzene	480	Not Detected	2900	Not Detected
1,3-Butadiene	480	Not Detected	1000	Not Detected
Hexane	480	Not Detected	1700	Not Detected
Cyclohexane	480	Not Detected	1600	Not Detected
Bromodichloromethane	480	Not Detected	3200	Not Detected
Dibromochloromethane	480	Not Detected	4000	Not Detected
Heptane	480	Not Detected	2000	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-024-VP15-121405

Lab ID#: 0512484B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010507**	**Date of Collection: 12/14/05**	
Dil. Factor:	**952**	**Date of Analysis: 1/5/06 04:44 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	480	Not Detected	2300	Not Detected
Propylbenzene	480	Not Detected	2300	Not Detected
Chloromethane	1900	Not Detected	3900	Not Detected
1,2,4-Trichlorobenzene	1900	Not Detected	14000	Not Detected
Hexachlorobutadiene	1900	Not Detected	20000	Not Detected
Acetone	1900	Not Detected	4500	Not Detected
Carbon Disulfide	480	Not Detected	1500	Not Detected
2-Propanol	1900	Not Detected	4700	Not Detected
trans-1,2-Dichloroethene	480	Not Detected	1900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	480	Not Detected	1400	Not Detected
Tetrahydrofuran	480	Not Detected	1400	Not Detected
1,4-Dioxane	1900	Not Detected	6900	Not Detected
4-Methyl-2-pentanone	480	Not Detected	1900	Not Detected
2-Hexanone	1900	Not Detected	7800	Not Detected
Bromoform	480	Not Detected	4900	Not Detected
4-Ethyltoluene	480	Not Detected	2300	Not Detected
Ethanol	1900	Not Detected	3600	Not Detected
Methyl tert-butyl ether	480	Not Detected	1700	Not Detected
2,2,4-Trimethylpentane	480	Not Detected	2200	Not Detected
3-Chloropropene	1900	Not Detected	6000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	91	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP15-121405

Lab ID#: 0512484B-31A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010417**	**Date of Collection:**	**12/14/05**
Dil. Factor:	**2290**	**Date of Analysis:**	**1/4/06 10:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1100	Not Detected	5700	Not Detected
Freon 114	1100	Not Detected	8000	Not Detected
Vinyl Chloride	1100	Not Detected	2900	Not Detected
Bromomethane	1100	Not Detected	4400	Not Detected
Chloroethane	1100	Not Detected	3000	Not Detected
Freon 11	1100	70000	6400	400000
1,1-Dichloroethene	1100	290000	4500	1100000
Freon 113	1100	200000	8800	1500000
Methylene Chloride	1100	Not Detected	4000	Not Detected
1,1-Dichloroethane	1100	Not Detected	4600	Not Detected
cis-1,2-Dichloroethene	1100	Not Detected	4500	Not Detected
Chloroform	1100	3000	5600	14000
1,1,1-Trichloroethane	1100	Not Detected	6200	Not Detected
Carbon Tetrachloride	1100	Not Detected	7200	Not Detected
Benzene	1100	1600	3600	5300
1,2-Dichloroethane	1100	Not Detected	4600	Not Detected
Trichloroethene	1100	9800	6200	53000
1,2-Dichloropropane	1100	Not Detected	5300	Not Detected
cis-1,3-Dichloropropene	1100	Not Detected	5200	Not Detected
Toluene	1100	Not Detected	4300	Not Detected
trans-1,3-Dichloropropene	1100	Not Detected	5200	Not Detected
1,1,2-Trichloroethane	1100	Not Detected	6200	Not Detected
Tetrachloroethene	1100	28000	7800	190000
1,2-Dibromoethane (EDB)	1100	Not Detected	8800	Not Detected
Chlorobenzene	1100	Not Detected	5300	Not Detected
Ethyl Benzene	1100	Not Detected	5000	Not Detected
m,p-Xylene	1100	Not Detected	5000	Not Detected
o-Xylene	1100	Not Detected	5000	Not Detected
Styrene	1100	Not Detected	4900	Not Detected
1,1,2,2-Tetrachloroethane	1100	Not Detected	7900	Not Detected
1,3,5-Trimethylbenzene	1100	Not Detected	5600	Not Detected
1,2,4-Trimethylbenzene	1100	Not Detected	5600	Not Detected
1,3-Dichlorobenzene	1100	Not Detected	6900	Not Detected
1,4-Dichlorobenzene	1100	Not Detected	6900	Not Detected
alpha-Chlorotoluene	1100	Not Detected	5900	Not Detected
1,2-Dichlorobenzene	1100	Not Detected	6900	Not Detected
1,3-Butadiene	1100	Not Detected	2500	Not Detected
Hexane	1100	9600	4000	34000
Cyclohexane	1100	4500	3900	15000
Bromodichloromethane	1100	Not Detected	7700	Not Detected
Dibromochloromethane	1100	Not Detected	9800	Not Detected
Heptane	1100	2400	4700	9800

AIR TOXICS LTD.

Client Sample ID: OC-SG-040-VP15-121405

Lab ID#: 0512484B-31A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010417**	**Date of Collection: 12/14/05**	
Dil. Factor:	**2290**	**Date of Analysis: 1/4/06 10:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1100	Not Detected	5600	Not Detected
Propylbenzene	1100	Not Detected	5600	Not Detected
Chloromethane	4600	Not Detected	9400	Not Detected
1,2,4-Trichlorobenzene	4600	Not Detected	34000	Not Detected
Hexachlorobutadiene	4600	Not Detected	49000	Not Detected
Acetone	4600	Not Detected	11000	Not Detected
Carbon Disulfide	1100	Not Detected	3600	Not Detected
2-Propanol	4600	5500	11000	13000
trans-1,2-Dichloroethene	1100	Not Detected	4500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	Not Detected	3400	Not Detected
Tetrahydrofuran	1100	Not Detected	3400	Not Detected
1,4-Dioxane	4600	Not Detected	16000	Not Detected
4-Methyl-2-pentanone	1100	Not Detected	4700	Not Detected
2-Hexanone	4600	Not Detected	19000	Not Detected
Bromoform	1100	Not Detected	12000	Not Detected
4-Ethyltoluene	1100	Not Detected	5600	Not Detected
Ethanol	4600	Not Detected	8600	Not Detected
Methyl tert-butyl ether	1100	Not Detected	4100	Not Detected
2,2,4-Trimethylpentane	1100	2600	5300	12000
3-Chloropropene	4600	Not Detected	14000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Butane	106-97-8	64%	35000 N J
Butane, 2-methyl-	78-78-4	80%	140000 N J
Cyclopropane, 1,2-dimethyl-, trans-	2402-06-4	72%	41000 N J
Pentane, 2-methyl-	107-83-5	91%	72000 N J
1-Pentene	109-67-1	56%	9200 N J
Pentane, 3-methyl-	96-14-0	78%	30000 N J
1-Butene, 2,3-dimethyl-	563-78-0	86%	7100 N J
Cyclopropane, 1-ethyl-1-methyl-	53778-43-1	70%	9400 N J
Cyclopentane, methyl-	96-37-7	78%	22000 N J
1H-Pyrazole, 4,5-dihydro-4,5-dimethyl-	28019-94-5	53%	7800 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-050-VP15-121405

Lab ID#: 0512484B-32A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010418**	**Date of Collection:**	**12/14/05**
Dil. Factor:	**3050**	**Date of Analysis:**	**1/4/06 11:10 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7500	Not Detected
Freon 114	1500	Not Detected	11000	Not Detected
Vinyl Chloride	1500	Not Detected	3900	Not Detected
Bromomethane	1500	Not Detected	5900	Not Detected
Chloroethane	1500	Not Detected	4000	Not Detected
Freon 11	1500	62000	8600	350000
1,1-Dichloroethene	1500	290000	6000	1200000
Freon 113	1500	190000	12000	1500000
Methylene Chloride	1500	Not Detected	5300	Not Detected
1,1-Dichloroethane	1500	Not Detected	6200	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	6000	Not Detected
Chloroform	1500	5100	7400	25000
1,1,1-Trichloroethane	1500	Not Detected	8300	Not Detected
Carbon Tetrachloride	1500	Not Detected	9600	Not Detected
Benzene	1500	2000	4900	6300
1,2-Dichloroethane	1500	Not Detected	6200	Not Detected
Trichloroethene	1500	14000	8200	78000
1,2-Dichloropropane	1500	Not Detected	7000	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	6900	Not Detected
Toluene	1500	Not Detected	5700	Not Detected
trans-1,3-Dichloropropene	1500	Not Detected	6900	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8300	Not Detected
Tetrachloroethene	1500	63000	10000	430000
1,2-Dibromoethane (EDB)	1500	Not Detected	12000	Not Detected
Chlorobenzene	1500	Not Detected	7000	Not Detected
Ethyl Benzene	1500	Not Detected	6600	Not Detected
m,p-Xylene	1500	Not Detected	6600	Not Detected
o-Xylene	1500	Not Detected	6600	Not Detected
Styrene	1500	Not Detected	6500	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	10000	Not Detected
1,3,5-Trimethylbenzene	1500	Not Detected	7500	Not Detected
1,2,4-Trimethylbenzene	1500	Not Detected	7500	Not Detected
1,3-Dichlorobenzene	1500	Not Detected	9200	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	9200	Not Detected
alpha-Chlorotoluene	1500	Not Detected	7900	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	9200	Not Detected
1,3-Butadiene	1500	Not Detected	3400	Not Detected
Hexane	1500	10000	5400	37000
Cyclohexane	1500	5100	5200	17000
Bromodichloromethane	1500	Not Detected	10000	Not Detected
Dibromochloromethane	1500	Not Detected	13000	Not Detected
Heptane	1500	2600	6200	11000

AIR TOXICS LTD.

Client Sample ID: OC-SG-050-VP15-121405

Lab ID#: 0512484B-32A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010418**	**Date of Collection:**	**12/14/05**
Dil. Factor:	**3050**	**Date of Analysis:**	**1/4/06 11:10 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1500	Not Detected	7500	Not Detected
Propylbenzene	1500	Not Detected	7500	Not Detected
Chloromethane	6100	Not Detected	12000	Not Detected
1,2,4-Trichlorobenzene	6100	Not Detected	45000	Not Detected
Hexachlorobutadiene	6100	Not Detected	65000	Not Detected
Acetone	6100	Not Detected	14000	Not Detected
Carbon Disulfide	1500	Not Detected	4700	Not Detected
2-Propanol	6100	Not Detected	15000	Not Detected
trans-1,2-Dichloroethene	1500	Not Detected	6000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4500	Not Detected
Tetrahydrofuran	1500	Not Detected	4500	Not Detected
1,4-Dioxane	6100	Not Detected	22000	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6200	Not Detected
2-Hexanone	6100	Not Detected	25000	Not Detected
Bromoform	1500	Not Detected	16000	Not Detected
4-Ethyltoluene	1500	Not Detected	7500	Not Detected
Ethanol	6100	Not Detected	11000	Not Detected
Methyl tert-butyl ether	1500	Not Detected	5500	Not Detected
2,2,4-Trimethylpentane	1500	3100	7100	14000
3-Chloropropene	6100	Not Detected	19000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Butane	106-97-8	72%	34000 N J
Butane, 2-methyl-	78-78-4	80%	140000 N J
Pentane	109-66-0	90%	91000 N J
2-Butene, 2-methyl-	513-35-9	80%	38000 N J
Pentane, 2-methyl-	107-83-5	91%	74000 N J
Unknown	NA	NA	9900 J
Pentane, 3-methyl-	96-14-0	83%	31000 N J
Cyclopropane, 1-ethyl-1-methyl-	53778-43-1	60%	10000 N J
1H-Tetrazole, 5-methyl-	4076-36-2	72%	25000 N J
Unknown	NA	NA	9800 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-060-VP15-121405

Lab ID#: 0512484B-33A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010419**	**Date of Collection: 12/14/05**	
Dil. Factor:	**3170**	**Date of Analysis: 1/4/06 11:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1600	Not Detected	7800	Not Detected
Freon 114	1600	Not Detected	11000	Not Detected
Vinyl Chloride	1600	Not Detected	4000	Not Detected
Bromomethane	1600	Not Detected	6200	Not Detected
Chloroethane	1600	Not Detected	4200	Not Detected
Freon 11	1600	91000	8900	510000
1,1-Dichloroethene	1600	440000	6300	1700000
Freon 113	1600	280000	12000	2100000
Methylene Chloride	1600	Not Detected	5500	Not Detected
1,1-Dichloroethane	1600	2100	6400	8600
cis-1,2-Dichloroethene	1600	Not Detected	6300	Not Detected
Chloroform	1600	21000	7700	100000
1,1,1-Trichloroethane	1600	3000	8600	16000
Carbon Tetrachloride	1600	Not Detected	10000	Not Detected
Benzene	1600	Not Detected	5100	Not Detected
1,2-Dichloroethane	1600	Not Detected	6400	Not Detected
Trichloroethene	1600	43000	8500	230000
1,2-Dichloropropane	1600	Not Detected	7300	Not Detected
cis-1,3-Dichloropropene	1600	Not Detected	7200	Not Detected
Toluene	1600	Not Detected	6000	Not Detected
trans-1,3-Dichloropropene	1600	Not Detected	7200	Not Detected
1,1,2-Trichloroethane	1600	Not Detected	8600	Not Detected
Tetrachloroethene	1600	280000	11000	1900000
1,2-Dibromoethane (EDB)	1600	Not Detected	12000	Not Detected
Chlorobenzene	1600	Not Detected	7300	Not Detected
Ethyl Benzene	1600	Not Detected	6900	Not Detected
m,p-Xylene	1600	Not Detected	6900	Not Detected
o-Xylene	1600	Not Detected	6900	Not Detected
Styrene	1600	Not Detected	6800	Not Detected
1,1,2,2-Tetrachloroethane	1600	Not Detected	11000	Not Detected
1,3,5-Trimethylbenzene	1600	Not Detected	7800	Not Detected
1,2,4-Trimethylbenzene	1600	Not Detected	7800	Not Detected
1,3-Dichlorobenzene	1600	Not Detected	9500	Not Detected
1,4-Dichlorobenzene	1600	Not Detected	9500	Not Detected
alpha-Chlorotoluene	1600	Not Detected	8200	Not Detected
1,2-Dichlorobenzene	1600	Not Detected	9500	Not Detected
1,3-Butadiene	1600	Not Detected	3500	Not Detected
Hexane	1600	Not Detected	5600	Not Detected
Cyclohexane	1600	Not Detected	5400	Not Detected
Bromodichloromethane	1600	Not Detected	11000	Not Detected
Dibromochloromethane	1600	Not Detected	14000	Not Detected
Heptane	1600	Not Detected	6500	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-060-VP15-121405

Lab ID#: 0512484B-33A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010419**	**Date of Collection: 12/14/05**	
Dil. Factor:	**3170**	**Date of Analysis: 1/4/06 11:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1600	Not Detected	7800	Not Detected
Propylbenzene	1600	Not Detected	7800	Not Detected
Chloromethane	6300	Not Detected	13000	Not Detected
1,2,4-Trichlorobenzene	6300	Not Detected	47000	Not Detected
Hexachlorobutadiene	6300	Not Detected	68000	Not Detected
Acetone	6300	Not Detected	15000	Not Detected
Carbon Disulfide	1600	Not Detected	4900	Not Detected
2-Propanol	6300	Not Detected	16000	Not Detected
trans-1,2-Dichloroethene	1600	Not Detected	6300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1600	Not Detected	4700	Not Detected
Tetrahydrofuran	1600	Not Detected	4700	Not Detected
1,4-Dioxane	6300	Not Detected	23000	Not Detected
4-Methyl-2-pentanone	1600	Not Detected	6500	Not Detected
2-Hexanone	6300	Not Detected	26000	Not Detected
Bromoform	1600	Not Detected	16000	Not Detected
4-Ethyltoluene	1600	Not Detected	7800	Not Detected
Ethanol	6300	Not Detected	12000	Not Detected
Methyl tert-butyl ether	1600	Not Detected	5700	Not Detected
2,2,4-Trimethylpentane	1600	Not Detected	7400	Not Detected
3-Chloropropene	6300	Not Detected	20000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-070-VP15-121405

Lab ID#: 0512484B-34A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010420**	**Date of Collection: 12/14/05**	
Dil. Factor:	**2930**	**Date of Analysis: 1/5/06 12:35 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7200	Not Detected
Freon 114	1500	Not Detected	10000	Not Detected
Vinyl Chloride	1500	Not Detected	3700	Not Detected
Bromomethane	1500	Not Detected	5700	Not Detected
Chloroethane	1500	Not Detected	3900	Not Detected
Freon 11	1500	90000	8200	510000
1,1-Dichloroethene	1500	420000	5800	1700000
Freon 113	1500	270000	11000	2100000
Methylene Chloride	1500	Not Detected	5100	Not Detected
1,1-Dichloroethane	1500	1800	5900	7400
cis-1,2-Dichloroethene	1500	Not Detected	5800	Not Detected
Chloroform	1500	19000	7200	91000
1,1,1-Trichloroethane	1500	2700	8000	15000
Carbon Tetrachloride	1500	Not Detected	9200	Not Detected
Benzene	1500	Not Detected	4700	Not Detected
1,2-Dichloroethane	1500	Not Detected	5900	Not Detected
Trichloroethene	1500	36000	7900	190000
1,2-Dichloropropane	1500	Not Detected	6800	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	6600	Not Detected
Toluene	1500	Not Detected	5500	Not Detected
trans-1,3-Dichloropropene	1500	Not Detected	6600	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8000	Not Detected
Tetrachloroethene	1500	210000	9900	1400000
1,2-Dibromoethane (EDB)	1500	Not Detected	11000	Not Detected
Chlorobenzene	1500	Not Detected	6700	Not Detected
Ethyl Benzene	1500	Not Detected	6400	Not Detected
m,p-Xylene	1500	Not Detected	6400	Not Detected
o-Xylene	1500	Not Detected	6400	Not Detected
Styrene	1500	Not Detected	6200	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	10000	Not Detected
1,3,5-Trimethylbenzene	1500	Not Detected	7200	Not Detected
1,2,4-Trimethylbenzene	1500	Not Detected	7200	Not Detected
1,3-Dichlorobenzene	1500	Not Detected	8800	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	8800	Not Detected
alpha-Chlorotoluene	1500	Not Detected	7600	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	8800	Not Detected
1,3-Butadiene	1500	Not Detected	3200	Not Detected
Hexane	1500	Not Detected	5200	Not Detected
Cyclohexane	1500	Not Detected	5000	Not Detected
Bromodichloromethane	1500	Not Detected	9800	Not Detected
Dibromochloromethane	1500	Not Detected	12000	Not Detected
Heptane	1500	Not Detected	6000	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-070-VP15-121405

Lab ID#: 0512484B-34A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010420**	**Date of Collection: 12/14/05**	
Dil. Factor:	**2930**	**Date of Analysis: 1/5/06 12:35 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1500	Not Detected	7200	Not Detected
Propylbenzene	1500	Not Detected	7200	Not Detected
Chloromethane	5900	Not Detected	12000	Not Detected
1,2,4-Trichlorobenzene	5900	Not Detected	43000	Not Detected
Hexachlorobutadiene	5900	Not Detected	62000	Not Detected
Acetone	5900	Not Detected	14000	Not Detected
Carbon Disulfide	1500	Not Detected	4600	Not Detected
2-Propanol	5900	8500	14000	21000
trans-1,2-Dichloroethene	1500	Not Detected	5800	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4300	Not Detected
Tetrahydrofuran	1500	Not Detected	4300	Not Detected
1,4-Dioxane	5900	Not Detected	21000	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6000	Not Detected
2-Hexanone	5900	Not Detected	24000	Not Detected
Bromoform	1500	Not Detected	15000	Not Detected
4-Ethyltoluene	1500	Not Detected	7200	Not Detected
Ethanol	5900	Not Detected	11000	Not Detected
Methyl tert-butyl ether	1500	Not Detected	5300	Not Detected
2,2,4-Trimethylpentane	1500	Not Detected	6800	Not Detected
3-Chloropropene	5900	Not Detected	18000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-012K-VP15-121405

Lab ID#: 0512484B-35A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010421**	**Date of Collection:**	**12/14/05**
Dil. Factor:	**968**	**Date of Analysis:**	**1/5/06 01:16 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	480	Not Detected	2400	Not Detected
Freon 114	480	Not Detected	3400	Not Detected
Vinyl Chloride	480	Not Detected	1200	Not Detected
Bromomethane	480	Not Detected	1900	Not Detected
Chloroethane	480	Not Detected	1300	Not Detected
Freon 11	480	28000	2700	160000
1,1-Dichloroethene	480	140000	1900	550000
Freon 113	480	85000	3700	650000
Methylene Chloride	480	Not Detected	1700	Not Detected
1,1-Dichloroethane	480	Not Detected	2000	Not Detected
cis-1,2-Dichloroethene	480	Not Detected	1900	Not Detected
Chloroform	480	Not Detected	2400	Not Detected
1,1,1-Trichloroethane	480	Not Detected	2600	Not Detected
Carbon Tetrachloride	480	Not Detected	3000	Not Detected
Benzene	480	Not Detected	1500	Not Detected
1,2-Dichloroethane	480	Not Detected	2000	Not Detected
Trichloroethene	480	7000	2600	38000
1,2-Dichloropropane	480	Not Detected	2200	Not Detected
cis-1,3-Dichloropropene	480	Not Detected	2200	Not Detected
Toluene	480	710	1800	2700
trans-1,3-Dichloropropene	480	Not Detected	2200	Not Detected
1,1,2-Trichloroethane	480	Not Detected	2600	Not Detected
Tetrachloroethene	480	77000	3300	520000
1,2-Dibromoethane (EDB)	480	Not Detected	3700	Not Detected
Chlorobenzene	480	Not Detected	2200	Not Detected
Ethyl Benzene	480	Not Detected	2100	Not Detected
m,p-Xylene	480	Not Detected	2100	Not Detected
o-Xylene	480	Not Detected	2100	Not Detected
Styrene	480	Not Detected	2100	Not Detected
1,1,2,2-Tetrachloroethane	480	Not Detected	3300	Not Detected
1,3,5-Trimethylbenzene	480	Not Detected	2400	Not Detected
1,2,4-Trimethylbenzene	480	Not Detected	2400	Not Detected
1,3-Dichlorobenzene	480	Not Detected	2900	Not Detected
1,4-Dichlorobenzene	480	Not Detected	2900	Not Detected
alpha-Chlorotoluene	480	Not Detected	2500	Not Detected
1,2-Dichlorobenzene	480	Not Detected	2900	Not Detected
1,3-Butadiene	480	Not Detected	1100	Not Detected
Hexane	480	Not Detected	1700	Not Detected
Cyclohexane	480	Not Detected	1700	Not Detected
Bromodichloromethane	480	Not Detected	3200	Not Detected
Dibromochloromethane	480	Not Detected	4100	Not Detected
Heptane	480	Not Detected	2000	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-012K-VP15-121405

Lab ID#: 0512484B-35A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010421**	**Date of Collection: 12/14/05**	
Dil. Factor:	**968**	**Date of Analysis: 1/5/06 01:16 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	480	Not Detected	2400	Not Detected
Propylbenzene	480	Not Detected	2400	Not Detected
Chloromethane	1900	Not Detected	4000	Not Detected
1,2,4-Trichlorobenzene	1900	Not Detected	14000	Not Detected
Hexachlorobutadiene	1900	Not Detected	21000	Not Detected
Acetone	1900	Not Detected	4600	Not Detected
Carbon Disulfide	480	Not Detected	1500	Not Detected
2-Propanol	1900	4000	4800	9800
trans-1,2-Dichloroethene	480	Not Detected	1900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	480	Not Detected	1400	Not Detected
Tetrahydrofuran	480	Not Detected	1400	Not Detected
1,4-Dioxane	1900	Not Detected	7000	Not Detected
4-Methyl-2-pentanone	480	Not Detected	2000	Not Detected
2-Hexanone	1900	Not Detected	7900	Not Detected
Bromoform	480	Not Detected	5000	Not Detected
4-Ethyltoluene	480	Not Detected	2400	Not Detected
Ethanol	1900	Not Detected	3600	Not Detected
Methyl tert-butyl ether	480	Not Detected	1700	Not Detected
2,2,4-Trimethylpentane	480	Not Detected	2300	Not Detected
3-Chloropropene	1900	Not Detected	6000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Limonene	138-86-3	96%	3100 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-027-VP18-121505

Lab ID#: 0512484B-36A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010422**	**Date of Collection: 12/15/05**	
Dil. Factor:	**1760**	**Date of Analysis: 1/5/06 01:56 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	880	930	4400	4600
Freon 114	880	Not Detected	6200	Not Detected
Vinyl Chloride	880	Not Detected	2200	Not Detected
Bromomethane	880	Not Detected	3400	Not Detected
Chloroethane	880	Not Detected	2300	Not Detected
Freon 11	880	46000	4900	260000
1,1-Dichloroethene	880	210000	3500	820000
Freon 113	880	190000	6700	1400000
Methylene Chloride	880	Not Detected	3000	Not Detected
1,1-Dichloroethane	880	Not Detected	3600	Not Detected
cis-1,2-Dichloroethene	880	Not Detected	3500	Not Detected
Chloroform	880	Not Detected	4300	Not Detected
1,1,1-Trichloroethane	880	Not Detected	4800	Not Detected
Carbon Tetrachloride	880	Not Detected	5500	Not Detected
Benzene	880	Not Detected	2800	Not Detected
1,2-Dichloroethane	880	Not Detected	3600	Not Detected
Trichloroethene	880	2300	4700	12000
1,2-Dichloropropane	880	Not Detected	4100	Not Detected
cis-1,3-Dichloropropene	880	Not Detected	4000	Not Detected
Toluene	880	Not Detected	3300	Not Detected
trans-1,3-Dichloropropene	880	Not Detected	4000	Not Detected
1,1,2-Trichloroethane	880	Not Detected	4800	Not Detected
Tetrachloroethene	880	7600	6000	51000
1,2-Dibromoethane (EDB)	880	Not Detected	6800	Not Detected
Chlorobenzene	880	Not Detected	4000	Not Detected
Ethyl Benzene	880	Not Detected	3800	Not Detected
m,p-Xylene	880	Not Detected	3800	Not Detected
o-Xylene	880	Not Detected	3800	Not Detected
Styrene	880	Not Detected	3700	Not Detected
1,1,2,2-Tetrachloroethane	880	Not Detected	6000	Not Detected
1,3,5-Trimethylbenzene	880	Not Detected	4300	Not Detected
1,2,4-Trimethylbenzene	880	Not Detected	4300	Not Detected
1,3-Dichlorobenzene	880	Not Detected	5300	Not Detected
1,4-Dichlorobenzene	880	Not Detected	5300	Not Detected
alpha-Chlorotoluene	880	Not Detected	4600	Not Detected
1,2-Dichlorobenzene	880	Not Detected	5300	Not Detected
1,3-Butadiene	880	Not Detected	1900	Not Detected
Hexane	880	Not Detected	3100	Not Detected
Cyclohexane	880	Not Detected	3000	Not Detected
Bromodichloromethane	880	Not Detected	5900	Not Detected
Dibromochloromethane	880	Not Detected	7500	Not Detected
Heptane	880	Not Detected	3600	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-027-VP18-121505

Lab ID#: 0512484B-36A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010422**	**Date of Collection: 12/15/05**	
Dil. Factor:	**1760**	**Date of Analysis: 1/5/06 01:56 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	880	Not Detected	4300	Not Detected
Propylbenzene	880	Not Detected	4300	Not Detected
Chloromethane	3500	Not Detected	7300	Not Detected
1,2,4-Trichlorobenzene	3500	Not Detected	26000	Not Detected
Hexachlorobutadiene	3500	Not Detected	38000	Not Detected
Acetone	3500	Not Detected	8400	Not Detected
Carbon Disulfide	880	Not Detected	2700	Not Detected
2-Propanol	3500	7800	8600	19000
trans-1,2-Dichloroethene	880	Not Detected	3500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	880	Not Detected	2600	Not Detected
Tetrahydrofuran	880	Not Detected	2600	Not Detected
1,4-Dioxane	3500	Not Detected	13000	Not Detected
4-Methyl-2-pentanone	880	Not Detected	3600	Not Detected
2-Hexanone	3500	Not Detected	14000	Not Detected
Bromoform	880	Not Detected	9100	Not Detected
4-Ethyltoluene	880	Not Detected	4300	Not Detected
Ethanol	3500	Not Detected	6600	Not Detected
Methyl tert-butyl ether	880	Not Detected	3200	Not Detected
2,2,4-Trimethylpentane	880	Not Detected	4100	Not Detected
3-Chloropropene	3500	Not Detected	11000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-038K-VP18-121505

Lab ID#: 0512484B-37A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010423**	**Date of Collection: 12/15/05**	
Dil. Factor:	**3050**	**Date of Analysis: 1/5/06 02:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7500	Not Detected
Freon 114	1500	Not Detected	11000	Not Detected
Vinyl Chloride	1500	Not Detected	3900	Not Detected
Bromomethane	1500	Not Detected	5900	Not Detected
Chloroethane	1500	Not Detected	4000	Not Detected
Freon 11	1500	60000	8600	340000
1,1-Dichloroethene	1500	390000	6000	1600000
Freon 113	1500	260000	12000	2000000
Methylene Chloride	1500	Not Detected	5300	Not Detected
1,1-Dichloroethane	1500	Not Detected	6200	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	6000	Not Detected
Chloroform	1500	Not Detected	7400	Not Detected
1,1,1-Trichloroethane	1500	Not Detected	8300	Not Detected
Carbon Tetrachloride	1500	Not Detected	9600	Not Detected
Benzene	1500	Not Detected	4900	Not Detected
1,2-Dichloroethane	1500	Not Detected	6200	Not Detected
Trichloroethene	1500	12000	8200	66000
1,2-Dichloropropane	1500	Not Detected	7000	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	6900	Not Detected
Toluene	1500	Not Detected	5700	Not Detected
trans-1,3-Dichloropropene	1500	Not Detected	6900	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8300	Not Detected
Tetrachloroethene	1500	74000	10000	500000
1,2-Dibromoethane (EDB)	1500	Not Detected	12000	Not Detected
Chlorobenzene	1500	Not Detected	7000	Not Detected
Ethyl Benzene	1500	Not Detected	6600	Not Detected
m,p-Xylene	1500	Not Detected	6600	Not Detected
o-Xylene	1500	Not Detected	6600	Not Detected
Styrene	1500	Not Detected	6500	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	10000	Not Detected
1,3,5-Trimethylbenzene	1500	Not Detected	7500	Not Detected
1,2,4-Trimethylbenzene	1500	Not Detected	7500	Not Detected
1,3-Dichlorobenzene	1500	Not Detected	9200	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	9200	Not Detected
alpha-Chlorotoluene	1500	Not Detected	7900	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	9200	Not Detected
1,3-Butadiene	1500	Not Detected	3400	Not Detected
Hexane	1500	Not Detected	5400	Not Detected
Cyclohexane	1500	Not Detected	5200	Not Detected
Bromodichloromethane	1500	Not Detected	10000	Not Detected
Dibromochloromethane	1500	Not Detected	13000	Not Detected
Heptane	1500	Not Detected	6200	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-038K-VP18-121505

Lab ID#: 0512484B-37A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010423**	**Date of Collection: 12/15/05**	
Dil. Factor:	**3050**	**Date of Analysis: 1/5/06 02:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1500	Not Detected	7500	Not Detected
Propylbenzene	1500	Not Detected	7500	Not Detected
Chloromethane	6100	Not Detected	12000	Not Detected
1,2,4-Trichlorobenzene	6100	Not Detected	45000	Not Detected
Hexachlorobutadiene	6100	Not Detected	65000	Not Detected
Acetone	6100	Not Detected	14000	Not Detected
Carbon Disulfide	1500	Not Detected	4700	Not Detected
2-Propanol	6100	Not Detected	15000	Not Detected
trans-1,2-Dichloroethene	1500	Not Detected	6000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4500	Not Detected
Tetrahydrofuran	1500	Not Detected	4500	Not Detected
1,4-Dioxane	6100	Not Detected	22000	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6200	Not Detected
2-Hexanone	6100	Not Detected	25000	Not Detected
Bromoform	1500	Not Detected	16000	Not Detected
4-Ethyltoluene	1500	Not Detected	7500	Not Detected
Ethanol	6100	Not Detected	11000	Not Detected
Methyl tert-butyl ether	1500	Not Detected	5500	Not Detected
2,2,4-Trimethylpentane	1500	Not Detected	7100	Not Detected
3-Chloropropene	6100	Not Detected	19000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-038-VP18-121505

Lab ID#: 0512484B-38A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010424**	**Date of Collection: 12/15/05**	
Dil. Factor:	**2990**	**Date of Analysis: 1/5/06 03:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7400	Not Detected
Freon 114	1500	Not Detected	10000	Not Detected
Vinyl Chloride	1500	Not Detected	3800	Not Detected
Bromomethane	1500	Not Detected	5800	Not Detected
Chloroethane	1500	Not Detected	3900	Not Detected
Freon 11	1500	55000	8400	310000
1,1-Dichloroethene	1500	360000	5900	1400000
Freon 113	1500	230000	11000	1800000
Methylene Chloride	1500	Not Detected	5200	Not Detected
1,1-Dichloroethane	1500	Not Detected	6000	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	5900	Not Detected
Chloroform	1500	Not Detected	7300	Not Detected
1,1,1-Trichloroethane	1500	Not Detected	8200	Not Detected
Carbon Tetrachloride	1500	Not Detected	9400	Not Detected
Benzene	1500	Not Detected	4800	Not Detected
1,2-Dichloroethane	1500	Not Detected	6000	Not Detected
Trichloroethene	1500	11000	8000	60000
1,2-Dichloropropane	1500	Not Detected	6900	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	6800	Not Detected
Toluene	1500	Not Detected	5600	Not Detected
trans-1,3-Dichloropropene	1500	Not Detected	6800	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8200	Not Detected
Tetrachloroethene	1500	67000	10000	450000
1,2-Dibromoethane (EDB)	1500	Not Detected	11000	Not Detected
Chlorobenzene	1500	Not Detected	6900	Not Detected
Ethyl Benzene	1500	Not Detected	6500	Not Detected
m,p-Xylene	1500	Not Detected	6500	Not Detected
o-Xylene	1500	Not Detected	6500	Not Detected
Styrene	1500	Not Detected	6400	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	10000	Not Detected
1,3,5-Trimethylbenzene	1500	Not Detected	7300	Not Detected
1,2,4-Trimethylbenzene	1500	Not Detected	7300	Not Detected
1,3-Dichlorobenzene	1500	Not Detected	9000	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	9000	Not Detected
alpha-Chlorotoluene	1500	Not Detected	7700	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	9000	Not Detected
1,3-Butadiene	1500	Not Detected	3300	Not Detected
Hexane	1500	Not Detected	5300	Not Detected
Cyclohexane	1500	Not Detected	5100	Not Detected
Bromodichloromethane	1500	Not Detected	10000	Not Detected
Dibromochloromethane	1500	Not Detected	13000	Not Detected
Heptane	1500	Not Detected	6100	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-038-VP18-121505

Lab ID#: 0512484B-38A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010424**	**Date of Collection: 12/15/05**	
Dil. Factor:	**2990**	**Date of Analysis: 1/5/06 03:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1500	Not Detected	7300	Not Detected
Propylbenzene	1500	Not Detected	7300	Not Detected
Chloromethane	6000	Not Detected	12000	Not Detected
1,2,4-Trichlorobenzene	6000	Not Detected	44000	Not Detected
Hexachlorobutadiene	6000	Not Detected	64000	Not Detected
Acetone	6000	Not Detected	14000	Not Detected
Carbon Disulfide	1500	Not Detected	4600	Not Detected
2-Propanol	6000	Not Detected	15000	Not Detected
trans-1,2-Dichloroethene	1500	Not Detected	5900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4400	Not Detected
Tetrahydrofuran	1500	Not Detected	4400	Not Detected
1,4-Dioxane	6000	Not Detected	22000	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6100	Not Detected
2-Hexanone	6000	Not Detected	24000	Not Detected
Bromoform	1500	Not Detected	15000	Not Detected
4-Ethyltoluene	1500	Not Detected	7300	Not Detected
Ethanol	6000	Not Detected	11000	Not Detected
Methyl tert-butyl ether	1500	Not Detected	5400	Not Detected
2,2,4-Trimethylpentane	1500	Not Detected	7000	Not Detected
3-Chloropropene	6000	Not Detected	19000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-050-VP18-121505

Lab ID#: 0512484B-39A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010425**	**Date of Collection: 12/15/05**	
Dil. Factor:	**3820**	**Date of Analysis: 1/5/06 04:08 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1900	2400	9400	12000
Freon 114	1900	Not Detected	13000	Not Detected
Vinyl Chloride	1900	Not Detected	4900	Not Detected
Bromomethane	1900	Not Detected	7400	Not Detected
Chloroethane	1900	Not Detected	5000	Not Detected
Freon 11	1900	110000	11000	600000
1,1-Dichloroethene	1900	520000	7600	2100000
Freon 113	1900	400000	15000	3100000
Methylene Chloride	1900	Not Detected	6600	Not Detected
1,1-Dichloroethane	1900	Not Detected	7700	Not Detected
cis-1,2-Dichloroethene	1900	Not Detected	7600	Not Detected
Chloroform	1900	Not Detected	9300	Not Detected
1,1,1-Trichloroethane	1900	Not Detected	10000	Not Detected
Carbon Tetrachloride	1900	Not Detected	12000	Not Detected
Benzene	1900	Not Detected	6100	Not Detected
1,2-Dichloroethane	1900	Not Detected	7700	Not Detected
Trichloroethene	1900	21000	10000	110000
1,2-Dichloropropane	1900	Not Detected	8800	Not Detected
cis-1,3-Dichloropropene	1900	Not Detected	8700	Not Detected
Toluene	1900	Not Detected	7200	Not Detected
trans-1,3-Dichloropropene	1900	Not Detected	8700	Not Detected
1,1,2-Trichloroethane	1900	Not Detected	10000	Not Detected
Tetrachloroethene	1900	120000	13000	830000
1,2-Dibromoethane (EDB)	1900	Not Detected	15000	Not Detected
Chlorobenzene	1900	Not Detected	8800	Not Detected
Ethyl Benzene	1900	Not Detected	8300	Not Detected
m,p-Xylene	1900	Not Detected	8300	Not Detected
o-Xylene	1900	Not Detected	8300	Not Detected
Styrene	1900	Not Detected	8100	Not Detected
1,1,2,2-Tetrachloroethane	1900	Not Detected	13000	Not Detected
1,3,5-Trimethylbenzene	1900	Not Detected	9400	Not Detected
1,2,4-Trimethylbenzene	1900	Not Detected	9400	Not Detected
1,3-Dichlorobenzene	1900	Not Detected	11000	Not Detected
1,4-Dichlorobenzene	1900	Not Detected	11000	Not Detected
alpha-Chlorotoluene	1900	Not Detected	9900	Not Detected
1,2-Dichlorobenzene	1900	Not Detected	11000	Not Detected
1,3-Butadiene	1900	Not Detected	4200	Not Detected
Hexane	1900	Not Detected	6700	Not Detected
Cyclohexane	1900	Not Detected	6600	Not Detected
Bromodichloromethane	1900	Not Detected	13000	Not Detected
Dibromochloromethane	1900	Not Detected	16000	Not Detected
Heptane	1900	Not Detected	7800	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-050-VP18-121505

Lab ID#: 0512484B-39A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010425**	**Date of Collection: 12/15/05**	
Dil. Factor:	**3820**	**Date of Analysis: 1/5/06 04:08 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1900	Not Detected	9400	Not Detected
Propylbenzene	1900	Not Detected	9400	Not Detected
Chloromethane	7600	Not Detected	16000	Not Detected
1,2,4-Trichlorobenzene	7600	Not Detected	57000	Not Detected
Hexachlorobutadiene	7600	Not Detected	81000	Not Detected
Acetone	7600	Not Detected	18000	Not Detected
Carbon Disulfide	1900	Not Detected	5900	Not Detected
2-Propanol	7600	Not Detected	19000	Not Detected
trans-1,2-Dichloroethene	1900	Not Detected	7600	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1900	Not Detected	5600	Not Detected
Tetrahydrofuran	1900	Not Detected	5600	Not Detected
1,4-Dioxane	7600	Not Detected	28000	Not Detected
4-Methyl-2-pentanone	1900	Not Detected	7800	Not Detected
2-Hexanone	7600	Not Detected	31000	Not Detected
Bromoform	1900	Not Detected	20000	Not Detected
4-Ethyltoluene	1900	Not Detected	9400	Not Detected
Ethanol	7600	Not Detected	14000	Not Detected
Methyl tert-butyl ether	1900	Not Detected	6900	Not Detected
2,2,4-Trimethylpentane	1900	Not Detected	8900	Not Detected
3-Chloropropene	7600	Not Detected	24000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484B-40A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 12:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484B-40A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 12:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484B-40B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010409**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 07:19 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484B-40B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010409**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 07:19 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484B-40C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 03:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484B-40C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 03:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484B-41A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 10:41 AM**	

Compound	%Recovery
Freon 12	98
Freon 114	87
Vinyl Chloride	88
Bromomethane	94
Chloroethane	91
Freon 11	99
1,1-Dichloroethene	90
Freon 113	88
Methylene Chloride	87
1,1-Dichloroethane	89
cis-1,2-Dichloroethene	91
Chloroform	91
1,1,1-Trichloroethane	94
Carbon Tetrachloride	99
Benzene	86
1,2-Dichloroethane	101
Trichloroethene	97
1,2-Dichloropropane	93
cis-1,3-Dichloropropene	94
Toluene	90
trans-1,3-Dichloropropene	90
1,1,2-Trichloroethane	88
Tetrachloroethene	89
1,2-Dibromoethane (EDB)	90
Chlorobenzene	86
Ethyl Benzene	85
m,p-Xylene	82
o-Xylene	83
Styrene	74
1,1,2,2-Tetrachloroethane	88
1,3,5-Trimethylbenzene	80
1,2,4-Trimethylbenzene	81
1,3-Dichlorobenzene	84
1,4-Dichlorobenzene	83
alpha-Chlorotoluene	84
1,2-Dichlorobenzene	84
1,3-Butadiene	83
Hexane	85
Cyclohexane	89
Bromodichloromethane	104
Dibromochloromethane	104
Heptane	91

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484B-41A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 10:41 AM**	

Compound	%Recovery
Cumene	86
Propylbenzene	87
Chloromethane	98
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	97
Acetone	88
Carbon Disulfide	86
2-Propanol	88
trans-1,2-Dichloroethene	87
2-Butanone (Methyl Ethyl Ketone)	92
Tetrahydrofuran	95
1,4-Dioxane	97
4-Methyl-2-pentanone	97
2-Hexanone	93
Bromoform	105
4-Ethyltoluene	86
Ethanol	85
Methyl tert-butyl ether	90
2,2,4-Trimethylpentane	89
3-Chloropropene	85

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484B-41B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:11 AM**	

Compound	%Recovery
Freon 12	94
Freon 114	94
Vinyl Chloride	86
Bromomethane	88
Chloroethane	86
Freon 11	95
1,1-Dichloroethene	87
Freon 113	88
Methylene Chloride	82
1,1-Dichloroethane	84
cis-1,2-Dichloroethene	88
Chloroform	86
1,1,1-Trichloroethane	92
Carbon Tetrachloride	93
Benzene	83
1,2-Dichloroethane	90
Trichloroethene	91
1,2-Dichloropropane	88
cis-1,3-Dichloropropene	92
Toluene	89
trans-1,3-Dichloropropene	92
1,1,2-Trichloroethane	94
Tetrachloroethene	92
1,2-Dibromoethane (EDB)	95
Chlorobenzene	93
Ethyl Benzene	93
m,p-Xylene	90
o-Xylene	96
Styrene	98
1,1,2,2-Tetrachloroethane	95
1,3,5-Trimethylbenzene	99
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	96
1,3-Butadiene	81
Hexane	79
Cyclohexane	85
Bromodichloromethane	88
Dibromochloromethane	90
Heptane	87

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484B-41B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:11 AM**	

Compound	%Recovery
Cumene	95
Propylbenzene	97
Chloromethane	94
1,2,4-Trichlorobenzene	131 Q
Hexachlorobutadiene	99
Acetone	80
Carbon Disulfide	80
2-Propanol	84
trans-1,2-Dichloroethene	78
2-Butanone (Methyl Ethyl Ketone)	88
Tetrahydrofuran	76
1,4-Dioxane	87
4-Methyl-2-pentanone	91
2-Hexanone	92
Bromoform	92
4-Ethyltoluene	99
Ethanol	81
Methyl tert-butyl ether	83
2,2,4-Trimethylpentane	85
3-Chloropropene	84

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484B-41C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 11:50 AM**	

Compound	%Recovery
Freon 12	93
Freon 114	93
Vinyl Chloride	88
Bromomethane	88
Chloroethane	89
Freon 11	96
1,1-Dichloroethene	88
Freon 113	89
Methylene Chloride	82
1,1-Dichloroethane	85
cis-1,2-Dichloroethene	88
Chloroform	86
1,1,1-Trichloroethane	91
Carbon Tetrachloride	94
Benzene	84
1,2-Dichloroethane	91
Trichloroethene	91
1,2-Dichloropropane	90
cis-1,3-Dichloropropene	92
Toluene	91
trans-1,3-Dichloropropene	93
1,1,2-Trichloroethane	92
Tetrachloroethene	91
1,2-Dibromoethane (EDB)	94
Chlorobenzene	92
Ethyl Benzene	93
m,p-Xylene	90
o-Xylene	95
Styrene	98
1,1,2,2-Tetrachloroethane	95
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	97
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	95
1,3-Butadiene	83
Hexane	79
Cyclohexane	85
Bromodichloromethane	89
Dibromochloromethane	89
Heptane	90

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484B-41C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 11:50 AM**	

Compound	%Recovery
Cumene	95
Propylbenzene	96
Chloromethane	94
1,2,4-Trichlorobenzene	134 Q
Hexachlorobutadiene	101
Acetone	82
Carbon Disulfide	81
2-Propanol	83
trans-1,2-Dichloroethene	78
2-Butanone (Methyl Ethyl Ketone)	87
Tetrahydrofuran	76
1,4-Dioxane	89
4-Methyl-2-pentanone	92
2-Hexanone	91
Bromoform	91
4-Ethyltoluene	97
Ethanol	86
Methyl tert-butyl ether	83
2,2,4-Trimethylpentane	86
3-Chloropropene	85

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484B-42A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:23 AM**	

Compound	%Recovery
Freon 12	86
Freon 114	74
Vinyl Chloride	76
Bromomethane	86
Chloroethane	82
Freon 11	86
1,1-Dichloroethene	82
Freon 113	82
Methylene Chloride	81
1,1-Dichloroethane	83
cis-1,2-Dichloroethene	88
Chloroform	85
1,1,1-Trichloroethane	82
Carbon Tetrachloride	89
Benzene	78
1,2-Dichloroethane	91
Trichloroethene	85
1,2-Dichloropropane	86
cis-1,3-Dichloropropene	97
Toluene	88
trans-1,3-Dichloropropene	85
1,1,2-Trichloroethane	81
Tetrachloroethene	83
1,2-Dibromoethane (EDB)	92
Chlorobenzene	79
Ethyl Benzene	81
m,p-Xylene	80
o-Xylene	76
Styrene	79
1,1,2,2-Tetrachloroethane	79
1,3,5-Trimethylbenzene	72
1,2,4-Trimethylbenzene	77
1,3-Dichlorobenzene	72
1,4-Dichlorobenzene	76
alpha-Chlorotoluene	77
1,2-Dichlorobenzene	71
1,3-Butadiene	82
Hexane	87
Cyclohexane	90
Bromodichloromethane	102
Dibromochloromethane	98
Heptane	90

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484B-42A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**f010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:23 AM**	

Compound	%Recovery
Cumene	70
Propylbenzene	80
Chloromethane	94
1,2,4-Trichlorobenzene	77
Hexachlorobutadiene	81
Acetone	92
Carbon Disulfide	90
2-Propanol	81
trans-1,2-Dichloroethene	89
2-Butanone (Methyl Ethyl Ketone)	95
Tetrahydrofuran	96
1,4-Dioxane	95
4-Methyl-2-pentanone	94
2-Hexanone	83
Bromoform	94
4-Ethyltoluene	76
Ethanol	74
Methyl tert-butyl ether	90
2,2,4-Trimethylpentane	96
3-Chloropropene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484B-42B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:49 AM**	

Compound	%Recovery
Freon 12	82
Freon 114	85
Vinyl Chloride	76
Bromomethane	81
Chloroethane	80
Freon 11	85
1,1-Dichloroethene	80
Freon 113	85
Methylene Chloride	77
1,1-Dichloroethane	80
cis-1,2-Dichloroethene	108
Chloroform	81
1,1,1-Trichloroethane	81
Carbon Tetrachloride	84
Benzene	76
1,2-Dichloroethane	82
Trichloroethene	83
1,2-Dichloropropane	82
cis-1,3-Dichloropropene	94
Toluene	87
trans-1,3-Dichloropropene	88
1,1,2-Trichloroethane	86
Tetrachloroethene	89
1,2-Dibromoethane (EDB)	96
Chlorobenzene	86
Ethyl Benzene	90
m,p-Xylene	90
o-Xylene	90
Styrene	95
1,1,2,2-Tetrachloroethane	87
1,3,5-Trimethylbenzene	88
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	84
1,4-Dichlorobenzene	86
alpha-Chlorotoluene	75
1,2-Dichlorobenzene	82
1,3-Butadiene	86
Hexane	85
Cyclohexane	90
Bromodichloromethane	93
Dibromochloromethane	92
Heptane	90

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484B-42B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:49 AM**	

Compound	%Recovery
Cumene	79
Propylbenzene	88
Chloromethane	93
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	90
Acetone	89
Carbon Disulfide	89
2-Propanol	76
trans-1,2-Dichloroethene	86
2-Butanone (Methyl Ethyl Ketone)	94
Tetrahydrofuran	82
1,4-Dioxane	86
4-Methyl-2-pentanone	89
2-Hexanone	82
Bromoform	91
4-Ethyltoluene	83
Ethanol	73
Methyl tert-butyl ether	89
2,2,4-Trimethylpentane	96
3-Chloropropene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484B-42C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 12:28 PM**	

Compound	%Recovery
Freon 12	86
Freon 114	89
Vinyl Chloride	80
Bromomethane	83
Chloroethane	80
Freon 11	89
1,1-Dichloroethene	84
Freon 113	88
Methylene Chloride	83
1,1-Dichloroethane	85
cis-1,2-Dichloroethene	115
Chloroform	86
1,1,1-Trichloroethane	86
Carbon Tetrachloride	88
Benzene	82
1,2-Dichloroethane	87
Trichloroethene	87
1,2-Dichloropropane	88
cis-1,3-Dichloropropene	101
Toluene	92
trans-1,3-Dichloropropene	93
1,1,2-Trichloroethane	93
Tetrachloroethene	94
1,2-Dibromoethane (EDB)	104
Chlorobenzene	93
Ethyl Benzene	96
m,p-Xylene	97
o-Xylene	96
Styrene	102
1,1,2,2-Tetrachloroethane	92
1,3,5-Trimethylbenzene	93
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	93
alpha-Chlorotoluene	77
1,2-Dichlorobenzene	87
1,3-Butadiene	91
Hexane	89
Cyclohexane	97
Bromodichloromethane	98
Dibromochloromethane	100
Heptane	96

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484B-42C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 12:28 PM**	

Compound	%Recovery
Cumene	85
Propylbenzene	94
Chloromethane	98
1,2,4-Trichlorobenzene	96
Hexachlorobutadiene	95
Acetone	96
Carbon Disulfide	95
2-Propanol	74
trans-1,2-Dichloroethene	91
2-Butanone (Methyl Ethyl Ketone)	100
Tetrahydrofuran	88
1,4-Dioxane	95
4-Methyl-2-pentanone	97
2-Hexanone	88
Bromoform	96
4-Ethyltoluene	89
Ethanol	69
Methyl tert-butyl ether	94
2,2,4-Trimethylpentane	104
3-Chloropropene	92

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	99	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

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CHAIN-OF-CUSTODY RECORD

Contact Person: Sharon Wallin
Company: CDM, Inc. Email:
Address: 18581 Teller Ave, Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (Signature) Scott A. Sanderson

Project Info:
P.O. #:
Project #:
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VFP
Date: 12/27/05
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
21A	OC-SG-008-VP16-121305	9106	12/13/05	1424	TO-15 (VOCs & Freon 11,12,113)	-30	-3	3.0"Hg	15.0psi
22A	OC-SG-022-VP16-121305	9383	12/13/05	1449		-30	-4	4.0"Hg	
23A	OC-SG-038-VP16-121305	9589	12/13/05	1457		-27	-5	5.0"Hg	
24A	OC-SG-047-VP16-121305	9353	12/13/05	1510		-28	-5	5.0"Hg	
~~25A~~	~~OC-SG-060-VP16-121305~~	~~9328~~	~~12/13/05~~	~~1546~~					
25A rev 12/14	OC-SG-060R-VP16-121405	9439	12/14/05	1633	TO-15 (VOCs & Freon 11,12,113)	-29	-11	12.0"Hg	15.0psi
26A	OC-SG-038R-VP16-121305	9370	12/13/05	1457		-26	-3	5.0"Hg	
27A	OC-SG-006-VP15-121405	9448	12/14/05	1402		-28	-5	6.0"Hg	
28A	OC-SG-012-VP15-121405	9368	12/14/05	1347		-25	-3	6.5"Hg	
29A	OC-SG-018-VP15-121405	9065	12/14/05	1322		-29	-5	6.0"Hg	

Relinquished by: (signature) Date/Time: Scott A Sanderson 12-18-05/1600
Received by: (signature) Date/Time: 1120 [illegible] 12/21/05
Notes:

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	6429 3890 1208	—	good	Yes No (None)	0512484

Form 1290 rev.10

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
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(916) 985-1000 FAX (916) 985-1020

Contact Person: Sharon Wallin
Company: CDM, Inc. Email:
Address: 18581 Teller Ave, Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (Signature) Scott A Sanderson

Project Info:
P.O. #:
Project #:
Project Name: Omega Chemical

Turn Around Time:
[X] Normal
[ ] Rush
_____ specify

Lab Use Only
Pressurized by: VK2
Date: 12/28/05
Pressurization Gas: N_2 He

	Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
30A	31A	OC-SG-024-VP15-121405	3081	12/14/05	1309	TO-15 (VOCs & Freon 11,12,113)	-29	-5	4.5 "Hg	15 psi
31A	32A	OC-SG-040-VP15-121405	3490	12/14/05	1257		-30	-5	3.5 "Hg	
32A	33A	OC-SG-050-VP15-121405	2122	12/14/05	1240		-29	-5	3.5 "Hg	
33A	34A	OC-SG-060-VP15-121405	4329	12/14/05	1225		-27	-5	4.5 "Hg	15.0 psi
34A	35A	OC-SG-070-VP15-121405	2184	12/14/05	1212		-29	-5	2.5 "Hg	15.0 psi
35A	36A	OC-SG-012A-VP15-121405	3350	12/14/05	1348		-28	-5	5.0 "Hg	
36A	37A	OC-SG-087-VP18-121505	3175	12/15/05	836	Methane (ASTM 1946) TO-15 (VOCs, Freon 11,12,113)	-30	-5	2.5 "Hg	
37A	38A	OC-SG-038A-VP18-121505	3363	12/15/05	853	Methane (ASTM 1946) TO-15 (VOCs, Freon 11,12,113)	-29	-5	3.5 "Hg	
38A	39A	OC-SG-038-VP18-121505	3460	12/15/05	853	TO-15 (VOCs & Freon 11,12,113)	-30	-5	3.0 "Hg	
39A	40A	OC-SG-050-VP18-121505	3587	12/15/05	906		-28	-5	3.5 "Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Notes:
Scott A Sanderson	12-18-05/1600	Omar Watson	12/21/05 1120	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Fedex	6429 3890 1209	-	good	Yes No None	0512484

Form 1253 rev.10

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

WORK ORDER #: 0512484C

Work Order Summary

CLIENT:	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612	**BILL TO:**	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612
PHONE:	949-930-2158	**P.O. #**	
FAX:	949-752-1307	**PROJECT #**	Omega Chemical
DATE RECEIVED:	12/21/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/05/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
40A	OC-SG-058-VP18-121505	Modified TO-15/TICs	4.5 "Hg
41A	OC-SG-012-VP14-121505	Modified TO-15/TICs	3.5 "Hg
42A	OC-SG-029-VP14-121505	Modified TO-15/TICs	4.0 "Hg
43A	OC-SG-035-VP14-121505	Modified TO-15/TICs	5.5 "Hg
44A	OC-SG-044-VP14-121505	Modified TO-15/TICs	4.5 "Hg
45A	OC-SG-044K-VP14-121505	Modified TO-15/TICs	6.5 "Hg
45AA	OC-SG-044K-VP14-121505 Duplicate	Modified TO-15/TICs	6.5 "Hg
46A	OC-SG-051-VP14-121505	Modified TO-15/TICs	3.0 "Hg
47A	OC-SG-058-VP14-121505	Modified TO-15/TICs	5.5 "Hg
48A	OC-SG-TB01	Modified TO-15/TICs	28.5 "Hg
49A	OC-SG-TB02	Modified TO-15/TICs	29.0 "Hg
50A	OC-SG-TB03	Modified TO-15/TICs	29.0 "Hg
51A	OC-SG-TB04	Modified TO-15/TICs	29.0 "Hg
52A	Lab Blank	Modified TO-15/TICs	NA
52B	Lab Blank	Modified TO-15/TICs	NA
53A	CCV	Modified TO-15/TICs	NA
53B	CCV	Modified TO-15/TICs	NA

Continued on next page

WORK ORDER #: 0512484C

Work Order Summary

CLIENT:	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612	**BILL TO:**	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612
PHONE:	949-930-2158	**P.O. #**	
FAX:	949-752-1307	**PROJECT #**	Omega Chemical
DATE RECEIVED:	12/21/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/05/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
54A	LCS	Modified TO-15/TICs	NA
54B	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda D. Fruman DATE: 01/05/06

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0512484C

Twelve 1 Liter Summa Canister samples were received on December 21, 2005. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported LCS for each daily batch has been derived from more than one analytical file.

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-058-VP18-121505

Lab ID#: 0512484C-40A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2400	2600	12000	13000
Freon 11	2400	120000	13000	680000
1,1-Dichloroethene	2400	750000	9400	3000000
Freon 113	2400	560000	18000	4300000
Trichloroethene	2400	34000	13000	180000
Tetrachloroethene	2400	240000	16000	1600000

Client Sample ID: OC-SG-012-VP14-121505

Lab ID#: 0512484C-41A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	120	4600	680	26000
1,1-Dichloroethene	120	30000	480	120000
Freon 113	120	16000	920	120000
Trichloroethene	120	1500	650	8200
Tetrachloroethene	120	14000	820	99000

Client Sample ID: OC-SG-029-VP14-121505

Lab ID#: 0512484C-42A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	780	39000	4400	220000
1,1-Dichloroethene	780	180000	3100	740000
Freon 113	780	160000	5900	1200000
Trichloroethene	780	3800	4200	20000
Tetrachloroethene	780	27000	5200	180000

Client Sample ID: OC-SG-035-VP14-121505

Lab ID#: 0512484C-43A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	820	32000	4600	180000
1,1-Dichloroethene	820	200000	3300	810000
Freon 113	820	130000	6300	970000
Trichloroethene	820	8400	4400	45000
Tetrachloroethene	820	66000	5600	450000

Client Sample ID: OC-SG-044-VP14-121505

Lab ID#: 0512484C-44A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1200	62000	6700	350000
1,1-Dichloroethene	1200	310000	4700	1200000
Freon 113	1200	200000	9100	1600000
Chloroform	1200	4400	5800	21000
Trichloroethene	1200	13000	6400	68000
Tetrachloroethene	1200	56000	8100	380000

Client Sample ID: OC-SG-044K-VP14-121505

Lab ID#: 0512484C-45A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1300	64000	7200	360000
1,1-Dichloroethene	1300	310000	5100	1200000
Freon 113	1300	210000	9900	1600000
Chloroform	1300	4500	6300	22000
Trichloroethene	1300	13000	6900	69000
Tetrachloroethene	1300	59000	8800	400000

Client Sample ID: OC-SG-044K-VP14-121505 Duplicate

Lab ID#: 0512484C-45AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1300	62000	7200	350000
1,1-Dichloroethene	1300	310000	5100	1200000
Freon 113	1300	200000	9900	1600000
Chloroform	1300	4400	6300	22000
Trichloroethene	1300	13000	6900	69000
Tetrachloroethene	1300	58000	8800	390000

Client Sample ID: OC-SG-051-VP14-121505

Lab ID#: 0512484C-46A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	2200	140000	12000	770000
1,1-Dichloroethene	2200	870000	8900	3400000
Freon 113	2200	540000	17000	4100000
1,1-Dichloroethane	2200	4400	9100	18000
Chloroform	2200	32000	11000	160000
1,1,1-Trichloroethane	2200	5800	12000	32000
Trichloroethene	2200	86000	12000	460000
Tetrachloroethene	2200	430000	15000	2900000

Client Sample ID: OC-SG-058-VP14-121505

Lab ID#: 0512484C-47A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	2500	130000	14000	710000
1,1-Dichloroethene	2500	820000	9800	3200000
Freon 113	2500	440000	19000	3300000
1,1-Dichloroethane	2500	4200	10000	17000
Chloroform	2500	37000	12000	180000
1,1,1-Trichloroethane	2500	5800	13000	32000
Trichloroethene	2500	110000	13000	610000
Tetrachloroethene	2500	900000	17000	6100000

Client Sample ID: OC-SG-TB01

Lab ID#: 0512484C-48A

No Detections Were Found.

Client Sample ID: OC-SG-TB02

Lab ID#: 0512484C-49A

No Detections Were Found.

Client Sample ID: OC-SG-TB03

Lab ID#: 0512484C-50A

No Detections Were Found.

Client Sample ID: OC-SG-TB04

Lab ID#: 0512484C-51A

No Detections Were Found.

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Client Sample ID: OC-SG-058-VP18-121505

Lab ID#: 0512484C-40A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010317**	**Date of Collection:**	**12/15/05**
Dil. Factor:	**4760**	**Date of Analysis:**	**1/3/06 11:30 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2400	2600	12000	13000
Freon 114	2400	Not Detected	17000	Not Detected
Vinyl Chloride	2400	Not Detected	6100	Not Detected
Bromomethane	2400	Not Detected	9200	Not Detected
Chloroethane	2400	Not Detected	6300	Not Detected
Freon 11	2400	120000	13000	680000
1,1-Dichloroethene	2400	750000	9400	3000000
Freon 113	2400	560000	18000	4300000
Methylene Chloride	2400	Not Detected	8300	Not Detected
1,1-Dichloroethane	2400	Not Detected	9600	Not Detected
cis-1,2-Dichloroethene	2400	Not Detected	9400	Not Detected
Chloroform	2400	Not Detected	12000	Not Detected
1,1,1-Trichloroethane	2400	Not Detected	13000	Not Detected
Carbon Tetrachloride	2400	Not Detected	15000	Not Detected
Benzene	2400	Not Detected	7600	Not Detected
1,2-Dichloroethane	2400	Not Detected	9600	Not Detected
Trichloroethene	2400	34000	13000	180000
1,2-Dichloropropane	2400	Not Detected	11000	Not Detected
cis-1,3-Dichloropropene	2400	Not Detected	11000	Not Detected
Toluene	2400	Not Detected	9000	Not Detected
trans-1,3-Dichloropropene	2400	Not Detected	11000	Not Detected
1,1,2-Trichloroethane	2400	Not Detected	13000	Not Detected
Tetrachloroethene	2400	240000	16000	1600000
1,2-Dibromoethane (EDB)	2400	Not Detected	18000	Not Detected
Chlorobenzene	2400	Not Detected	11000	Not Detected
Ethyl Benzene	2400	Not Detected	10000	Not Detected
m,p-Xylene	2400	Not Detected	10000	Not Detected
o-Xylene	2400	Not Detected	10000	Not Detected
Styrene	2400	Not Detected	10000	Not Detected
1,1,2,2-Tetrachloroethane	2400	Not Detected	16000	Not Detected
1,3,5-Trimethylbenzene	2400	Not Detected	12000	Not Detected
1,2,4-Trimethylbenzene	2400	Not Detected	12000	Not Detected
1,3-Dichlorobenzene	2400	Not Detected	14000	Not Detected
1,4-Dichlorobenzene	2400	Not Detected	14000	Not Detected
alpha-Chlorotoluene	2400	Not Detected	12000	Not Detected
1,2-Dichlorobenzene	2400	Not Detected	14000	Not Detected
1,3-Butadiene	2400	Not Detected	5300	Not Detected
Hexane	2400	Not Detected	8400	Not Detected
Cyclohexane	2400	Not Detected	8200	Not Detected
Bromodichloromethane	2400	Not Detected	16000	Not Detected
Dibromochloromethane	2400	Not Detected	20000	Not Detected
Heptane	2400	Not Detected	9800	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-058-VP18-121505

Lab ID#: 0512484C-40A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010317**	**Date of Collection: 12/15/05**	
Dil. Factor:	**4760**	**Date of Analysis: 1/3/06 11:30 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	2400	Not Detected	12000	Not Detected
Propylbenzene	2400	Not Detected	12000	Not Detected
Chloromethane	9500	Not Detected	20000	Not Detected
1,2,4-Trichlorobenzene	9500	Not Detected	71000	Not Detected
Hexachlorobutadiene	9500	Not Detected	100000	Not Detected
Acetone	9500	Not Detected	23000	Not Detected
Carbon Disulfide	2400	Not Detected	7400	Not Detected
2-Propanol	9500	Not Detected	23000	Not Detected
trans-1,2-Dichloroethene	2400	Not Detected	9400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2400	Not Detected	7000	Not Detected
Tetrahydrofuran	2400	Not Detected	7000	Not Detected
1,4-Dioxane	9500	Not Detected	34000	Not Detected
4-Methyl-2-pentanone	2400	Not Detected	9700	Not Detected
2-Hexanone	9500	Not Detected	39000	Not Detected
Bromoform	2400	Not Detected	25000	Not Detected
4-Ethyltoluene	2400	Not Detected	12000	Not Detected
Ethanol	9500	Not Detected	18000	Not Detected
Methyl tert-butyl ether	2400	Not Detected	8600	Not Detected
2,2,4-Trimethylpentane	2400	Not Detected	11000	Not Detected
3-Chloropropene	9500	Not Detected	30000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-012-VP14-121505

Lab ID#: 0512484C-41A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010318**	**Date of Collection: 12/15/05**	
Dil. Factor:	**241**	**Date of Analysis: 1/4/06 12:44 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	120	Not Detected	600	Not Detected
Freon 114	120	Not Detected	840	Not Detected
Vinyl Chloride	120	Not Detected	310	Not Detected
Bromomethane	120	Not Detected	470	Not Detected
Chloroethane	120	Not Detected	320	Not Detected
Freon 11	120	4600	680	26000
1,1-Dichloroethene	120	30000	480	120000
Freon 113	120	16000	920	120000
Methylene Chloride	120	Not Detected	420	Not Detected
1,1-Dichloroethane	120	Not Detected	490	Not Detected
cis-1,2-Dichloroethene	120	Not Detected	480	Not Detected
Chloroform	120	Not Detected	590	Not Detected
1,1,1-Trichloroethane	120	Not Detected	660	Not Detected
Carbon Tetrachloride	120	Not Detected	760	Not Detected
Benzene	120	Not Detected	380	Not Detected
1,2-Dichloroethane	120	Not Detected	490	Not Detected
Trichloroethene	120	1500	650	8200
1,2-Dichloropropane	120	Not Detected	560	Not Detected
cis-1,3-Dichloropropene	120	Not Detected	550	Not Detected
Toluene	120	Not Detected	450	Not Detected
trans-1,3-Dichloropropene	120	Not Detected	550	Not Detected
1,1,2-Trichloroethane	120	Not Detected	660	Not Detected
Tetrachloroethene	120	14000	820	99000
1,2-Dibromoethane (EDB)	120	Not Detected	920	Not Detected
Chlorobenzene	120	Not Detected	550	Not Detected
Ethyl Benzene	120	Not Detected	520	Not Detected
m,p-Xylene	120	Not Detected	520	Not Detected
o-Xylene	120	Not Detected	520	Not Detected
Styrene	120	Not Detected	510	Not Detected
1,1,2,2-Tetrachloroethane	120	Not Detected	830	Not Detected
1,3,5-Trimethylbenzene	120	Not Detected	590	Not Detected
1,2,4-Trimethylbenzene	120	Not Detected	590	Not Detected
1,3-Dichlorobenzene	120	Not Detected	720	Not Detected
1,4-Dichlorobenzene	120	Not Detected	720	Not Detected
alpha-Chlorotoluene	120	Not Detected	620	Not Detected
1,2-Dichlorobenzene	120	Not Detected	720	Not Detected
1,3-Butadiene	120	Not Detected	270	Not Detected
Hexane	120	Not Detected	420	Not Detected
Cyclohexane	120	Not Detected	410	Not Detected
Bromodichloromethane	120	Not Detected	810	Not Detected
Dibromochloromethane	120	Not Detected	1000	Not Detected
Heptane	120	Not Detected	490	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-012-VP14-121505

Lab ID#: 0512484C-41A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010318**	**Date of Collection:**	**12/15/05**
Dil. Factor:	**241**	**Date of Analysis:**	**1/4/06 12:44 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	120	Not Detected	590	Not Detected
Propylbenzene	120	Not Detected	590	Not Detected
Chloromethane	480	Not Detected	1000	Not Detected
1,2,4-Trichlorobenzene	480	Not Detected	3600	Not Detected
Hexachlorobutadiene	480	Not Detected	5100	Not Detected
Acetone	480	Not Detected	1100	Not Detected
Carbon Disulfide	120	Not Detected	380	Not Detected
2-Propanol	480	Not Detected	1200	Not Detected
trans-1,2-Dichloroethene	120	Not Detected	480	Not Detected
2-Butanone (Methyl Ethyl Ketone)	120	Not Detected	360	Not Detected
Tetrahydrofuran	120	Not Detected	360	Not Detected
1,4-Dioxane	480	Not Detected	1700	Not Detected
4-Methyl-2-pentanone	120	Not Detected	490	Not Detected
2-Hexanone	480	Not Detected	2000	Not Detected
Bromoform	120	Not Detected	1200	Not Detected
4-Ethyltoluene	120	Not Detected	590	Not Detected
Ethanol	480	Not Detected	910	Not Detected
Methyl tert-butyl ether	120	Not Detected	430	Not Detected
2,2,4-Trimethylpentane	120	Not Detected	560	Not Detected
3-Chloropropene	480	Not Detected	1500	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-029-VP14-121505

Lab ID#: 0512484C-42A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010319**	**Date of Collection: 12/15/05**	
Dil. Factor:	**1550**	**Date of Analysis: 1/4/06 01:22 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	780	Not Detected	3800	Not Detected
Freon 114	780	Not Detected	5400	Not Detected
Vinyl Chloride	780	Not Detected	2000	Not Detected
Bromomethane	780	Not Detected	3000	Not Detected
Chloroethane	780	Not Detected	2000	Not Detected
Freon 11	780	39000	4400	220000
1,1-Dichloroethene	780	180000	3100	740000
Freon 113	780	160000	5900	1200000
Methylene Chloride	780	Not Detected	2700	Not Detected
1,1-Dichloroethane	780	Not Detected	3100	Not Detected
cis-1,2-Dichloroethene	780	Not Detected	3100	Not Detected
Chloroform	780	Not Detected	3800	Not Detected
1,1,1-Trichloroethane	780	Not Detected	4200	Not Detected
Carbon Tetrachloride	780	Not Detected	4900	Not Detected
Benzene	780	Not Detected	2500	Not Detected
1,2-Dichloroethane	780	Not Detected	3100	Not Detected
Trichloroethene	780	3800	4200	20000
1,2-Dichloropropane	780	Not Detected	3600	Not Detected
cis-1,3-Dichloropropene	780	Not Detected	3500	Not Detected
Toluene	780	Not Detected	2900	Not Detected
trans-1,3-Dichloropropene	780	Not Detected	3500	Not Detected
1,1,2-Trichloroethane	780	Not Detected	4200	Not Detected
Tetrachloroethene	780	27000	5200	180000
1,2-Dibromoethane (EDB)	780	Not Detected	6000	Not Detected
Chlorobenzene	780	Not Detected	3600	Not Detected
Ethyl Benzene	780	Not Detected	3400	Not Detected
m,p-Xylene	780	Not Detected	3400	Not Detected
o-Xylene	780	Not Detected	3400	Not Detected
Styrene	780	Not Detected	3300	Not Detected
1,1,2,2-Tetrachloroethane	780	Not Detected	5300	Not Detected
1,3,5-Trimethylbenzene	780	Not Detected	3800	Not Detected
1,2,4-Trimethylbenzene	780	Not Detected	3800	Not Detected
1,3-Dichlorobenzene	780	Not Detected	4600	Not Detected
1,4-Dichlorobenzene	780	Not Detected	4600	Not Detected
alpha-Chlorotoluene	780	Not Detected	4000	Not Detected
1,2-Dichlorobenzene	780	Not Detected	4600	Not Detected
1,3-Butadiene	780	Not Detected	1700	Not Detected
Hexane	780	Not Detected	2700	Not Detected
Cyclohexane	780	Not Detected	2700	Not Detected
Bromodichloromethane	780	Not Detected	5200	Not Detected
Dibromochloromethane	780	Not Detected	6600	Not Detected
Heptane	780	Not Detected	3200	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-029-VP14-121505

Lab ID#: 0512484C-42A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010319**	**Date of Collection:**	**12/15/05**
Dil. Factor:	**1550**	**Date of Analysis:**	**1/4/06 01:22 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	780	Not Detected	3800	Not Detected
Propylbenzene	780	Not Detected	3800	Not Detected
Chloromethane	3100	Not Detected	6400	Not Detected
1,2,4-Trichlorobenzene	3100	Not Detected	23000	Not Detected
Hexachlorobutadiene	3100	Not Detected	33000	Not Detected
Acetone	3100	Not Detected	7400	Not Detected
Carbon Disulfide	780	Not Detected	2400	Not Detected
2-Propanol	3100	Not Detected	7600	Not Detected
trans-1,2-Dichloroethene	780	Not Detected	3100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	780	Not Detected	2300	Not Detected
Tetrahydrofuran	780	Not Detected	2300	Not Detected
1,4-Dioxane	3100	Not Detected	11000	Not Detected
4-Methyl-2-pentanone	780	Not Detected	3200	Not Detected
2-Hexanone	3100	Not Detected	13000	Not Detected
Bromoform	780	Not Detected	8000	Not Detected
4-Ethyltoluene	780	Not Detected	3800	Not Detected
Ethanol	3100	Not Detected	5800	Not Detected
Methyl tert-butyl ether	780	Not Detected	2800	Not Detected
2,2,4-Trimethylpentane	780	Not Detected	3600	Not Detected
3-Chloropropene	3100	Not Detected	9700	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	91	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-035-VP14-121505

Lab ID#: 0512484C-43A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010320**	**Date of Collection: 12/15/05**	
Dil. Factor:	**1650**	**Date of Analysis: 1/4/06 02:01 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	820	Not Detected	4100	Not Detected
Freon 114	820	Not Detected	5800	Not Detected
Vinyl Chloride	820	Not Detected	2100	Not Detected
Bromomethane	820	Not Detected	3200	Not Detected
Chloroethane	820	Not Detected	2200	Not Detected
Freon 11	820	32000	4600	180000
1,1-Dichloroethene	820	200000	3300	810000
Freon 113	820	130000	6300	970000
Methylene Chloride	820	Not Detected	2900	Not Detected
1,1-Dichloroethane	820	Not Detected	3300	Not Detected
cis-1,2-Dichloroethene	820	Not Detected	3300	Not Detected
Chloroform	820	Not Detected	4000	Not Detected
1,1,1-Trichloroethane	820	Not Detected	4500	Not Detected
Carbon Tetrachloride	820	Not Detected	5200	Not Detected
Benzene	820	Not Detected	2600	Not Detected
1,2-Dichloroethane	820	Not Detected	3300	Not Detected
Trichloroethene	820	8400	4400	45000
1,2-Dichloropropane	820	Not Detected	3800	Not Detected
cis-1,3-Dichloropropene	820	Not Detected	3700	Not Detected
Toluene	820	Not Detected	3100	Not Detected
trans-1,3-Dichloropropene	820	Not Detected	3700	Not Detected
1,1,2-Trichloroethane	820	Not Detected	4500	Not Detected
Tetrachloroethene	820	66000	5600	450000
1,2-Dibromoethane (EDB)	820	Not Detected	6300	Not Detected
Chlorobenzene	820	Not Detected	3800	Not Detected
Ethyl Benzene	820	Not Detected	3600	Not Detected
m,p-Xylene	820	Not Detected	3600	Not Detected
o-Xylene	820	Not Detected	3600	Not Detected
Styrene	820	Not Detected	3500	Not Detected
1,1,2,2-Tetrachloroethane	820	Not Detected	5700	Not Detected
1,3,5-Trimethylbenzene	820	Not Detected	4000	Not Detected
1,2,4-Trimethylbenzene	820	Not Detected	4000	Not Detected
1,3-Dichlorobenzene	820	Not Detected	5000	Not Detected
1,4-Dichlorobenzene	820	Not Detected	5000	Not Detected
alpha-Chlorotoluene	820	Not Detected	4300	Not Detected
1,2-Dichlorobenzene	820	Not Detected	5000	Not Detected
1,3-Butadiene	820	Not Detected	1800	Not Detected
Hexane	820	Not Detected	2900	Not Detected
Cyclohexane	820	Not Detected	2800	Not Detected
Bromodichloromethane	820	Not Detected	5500	Not Detected
Dibromochloromethane	820	Not Detected	7000	Not Detected
Heptane	820	Not Detected	3400	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-035-VP14-121505

Lab ID#: 0512484C-43A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010320**	**Date of Collection:**	**12/15/05**
Dil. Factor:	**1650**	**Date of Analysis:**	**1/4/06 02:01 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	820	Not Detected	4000	Not Detected
Propylbenzene	820	Not Detected	4000	Not Detected
Chloromethane	3300	Not Detected	6800	Not Detected
1,2,4-Trichlorobenzene	3300	Not Detected	24000	Not Detected
Hexachlorobutadiene	3300	Not Detected	35000	Not Detected
Acetone	3300	Not Detected	7800	Not Detected
Carbon Disulfide	820	Not Detected	2600	Not Detected
2-Propanol	3300	Not Detected	8100	Not Detected
trans-1,2-Dichloroethene	820	Not Detected	3300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	820	Not Detected	2400	Not Detected
Tetrahydrofuran	820	Not Detected	2400	Not Detected
1,4-Dioxane	3300	Not Detected	12000	Not Detected
4-Methyl-2-pentanone	820	Not Detected	3400	Not Detected
2-Hexanone	3300	Not Detected	14000	Not Detected
Bromoform	820	Not Detected	8500	Not Detected
4-Ethyltoluene	820	Not Detected	4000	Not Detected
Ethanol	3300	Not Detected	6200	Not Detected
Methyl tert-butyl ether	820	Not Detected	3000	Not Detected
2,2,4-Trimethylpentane	820	Not Detected	3800	Not Detected
3-Chloropropene	3300	Not Detected	10000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	91	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-044-VP14-121505

Lab ID#: 0512484C-44A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010322**	**Date of Collection: 12/15/05**	
Dil. Factor:	**2380**	**Date of Analysis: 1/4/06 03:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1200	Not Detected	5900	Not Detected
Freon 114	1200	Not Detected	8300	Not Detected
Vinyl Chloride	1200	Not Detected	3000	Not Detected
Bromomethane	1200	Not Detected	4600	Not Detected
Chloroethane	1200	Not Detected	3100	Not Detected
Freon 11	1200	62000	6700	350000
1,1-Dichloroethene	1200	310000	4700	1200000
Freon 113	1200	200000	9100	1600000
Methylene Chloride	1200	Not Detected	4100	Not Detected
1,1-Dichloroethane	1200	Not Detected	4800	Not Detected
cis-1,2-Dichloroethene	1200	Not Detected	4700	Not Detected
Chloroform	1200	4400	5800	21000
1,1,1-Trichloroethane	1200	Not Detected	6500	Not Detected
Carbon Tetrachloride	1200	Not Detected	7500	Not Detected
Benzene	1200	Not Detected	3800	Not Detected
1,2-Dichloroethane	1200	Not Detected	4800	Not Detected
Trichloroethene	1200	13000	6400	68000
1,2-Dichloropropane	1200	Not Detected	5500	Not Detected
cis-1,3-Dichloropropene	1200	Not Detected	5400	Not Detected
Toluene	1200	Not Detected	4500	Not Detected
trans-1,3-Dichloropropene	1200	Not Detected	5400	Not Detected
1,1,2-Trichloroethane	1200	Not Detected	6500	Not Detected
Tetrachloroethene	1200	56000	8100	380000
1,2-Dibromoethane (EDB)	1200	Not Detected	9100	Not Detected
Chlorobenzene	1200	Not Detected	5500	Not Detected
Ethyl Benzene	1200	Not Detected	5200	Not Detected
m,p-Xylene	1200	Not Detected	5200	Not Detected
o-Xylene	1200	Not Detected	5200	Not Detected
Styrene	1200	Not Detected	5100	Not Detected
1,1,2,2-Tetrachloroethane	1200	Not Detected	8200	Not Detected
1,3,5-Trimethylbenzene	1200	Not Detected	5800	Not Detected
1,2,4-Trimethylbenzene	1200	Not Detected	5800	Not Detected
1,3-Dichlorobenzene	1200	Not Detected	7200	Not Detected
1,4-Dichlorobenzene	1200	Not Detected	7200	Not Detected
alpha-Chlorotoluene	1200	Not Detected	6200	Not Detected
1,2-Dichlorobenzene	1200	Not Detected	7200	Not Detected
1,3-Butadiene	1200	Not Detected	2600	Not Detected
Hexane	1200	Not Detected	4200	Not Detected
Cyclohexane	1200	Not Detected	4100	Not Detected
Bromodichloromethane	1200	Not Detected	8000	Not Detected
Dibromochloromethane	1200	Not Detected	10000	Not Detected
Heptane	1200	Not Detected	4900	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-044-VP14-121505

Lab ID#: 0512484C-44A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010322**	**Date of Collection: 12/15/05**	
Dil. Factor:	**2380**	**Date of Analysis: 1/4/06 03:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1200	Not Detected	5800	Not Detected
Propylbenzene	1200	Not Detected	5800	Not Detected
Chloromethane	4800	Not Detected	9800	Not Detected
1,2,4-Trichlorobenzene	4800	Not Detected	35000	Not Detected
Hexachlorobutadiene	4800	Not Detected	51000	Not Detected
Acetone	4800	Not Detected	11000	Not Detected
Carbon Disulfide	1200	Not Detected	3700	Not Detected
2-Propanol	4800	Not Detected	12000	Not Detected
trans-1,2-Dichloroethene	1200	Not Detected	4700	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1200	Not Detected	3500	Not Detected
Tetrahydrofuran	1200	Not Detected	3500	Not Detected
1,4-Dioxane	4800	Not Detected	17000	Not Detected
4-Methyl-2-pentanone	1200	Not Detected	4900	Not Detected
2-Hexanone	4800	Not Detected	19000	Not Detected
Bromoform	1200	Not Detected	12000	Not Detected
4-Ethyltoluene	1200	Not Detected	5800	Not Detected
Ethanol	4800	Not Detected	9000	Not Detected
Methyl tert-butyl ether	1200	Not Detected	4300	Not Detected
2,2,4-Trimethylpentane	1200	Not Detected	5600	Not Detected
3-Chloropropene	4800	Not Detected	15000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-044K-VP14-121505

Lab ID#: 0512484C-45A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010410**	**Date of Collection: 12/15/05**	
Dil. Factor:	**2580**	**Date of Analysis: 1/4/06 08:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1300	Not Detected	6400	Not Detected
Freon 114	1300	Not Detected	9000	Not Detected
Vinyl Chloride	1300	Not Detected	3300	Not Detected
Bromomethane	1300	Not Detected	5000	Not Detected
Chloroethane	1300	Not Detected	3400	Not Detected
Freon 11	1300	64000	7200	360000
1,1-Dichloroethene	1300	310000	5100	1200000
Freon 113	1300	210000	9900	1600000
Methylene Chloride	1300	Not Detected	4500	Not Detected
1,1-Dichloroethane	1300	Not Detected	5200	Not Detected
cis-1,2-Dichloroethene	1300	Not Detected	5100	Not Detected
Chloroform	1300	4500	6300	22000
1,1,1-Trichloroethane	1300	Not Detected	7000	Not Detected
Carbon Tetrachloride	1300	Not Detected	8100	Not Detected
Benzene	1300	Not Detected	4100	Not Detected
1,2-Dichloroethane	1300	Not Detected	5200	Not Detected
Trichloroethene	1300	13000	6900	69000
1,2-Dichloropropane	1300	Not Detected	6000	Not Detected
cis-1,3-Dichloropropene	1300	Not Detected	5800	Not Detected
Toluene	1300	Not Detected	4900	Not Detected
trans-1,3-Dichloropropene	1300	Not Detected	5800	Not Detected
1,1,2-Trichloroethane	1300	Not Detected	7000	Not Detected
Tetrachloroethene	1300	59000	8800	400000
1,2-Dibromoethane (EDB)	1300	Not Detected	9900	Not Detected
Chlorobenzene	1300	Not Detected	5900	Not Detected
Ethyl Benzene	1300	Not Detected	5600	Not Detected
m,p-Xylene	1300	Not Detected	5600	Not Detected
o-Xylene	1300	Not Detected	5600	Not Detected
Styrene	1300	Not Detected	5500	Not Detected
1,1,2,2-Tetrachloroethane	1300	Not Detected	8800	Not Detected
1,3,5-Trimethylbenzene	1300	Not Detected	6300	Not Detected
1,2,4-Trimethylbenzene	1300	Not Detected	6300	Not Detected
1,3-Dichlorobenzene	1300	Not Detected	7800	Not Detected
1,4-Dichlorobenzene	1300	Not Detected	7800	Not Detected
alpha-Chlorotoluene	1300	Not Detected	6700	Not Detected
1,2-Dichlorobenzene	1300	Not Detected	7800	Not Detected
1,3-Butadiene	1300	Not Detected	2800	Not Detected
Hexane	1300	Not Detected	4500	Not Detected
Cyclohexane	1300	Not Detected	4400	Not Detected
Bromodichloromethane	1300	Not Detected	8600	Not Detected
Dibromochloromethane	1300	Not Detected	11000	Not Detected
Heptane	1300	Not Detected	5300	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-044K-VP14-121505

Lab ID#: 0512484C-45A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010410**	**Date of Collection: 12/15/05**	
Dil. Factor:	**2580**	**Date of Analysis: 1/4/06 08:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1300	Not Detected	6300	Not Detected
Propylbenzene	1300	Not Detected	6300	Not Detected
Chloromethane	5200	Not Detected	11000	Not Detected
1,2,4-Trichlorobenzene	5200	Not Detected	38000	Not Detected
Hexachlorobutadiene	5200	Not Detected	55000	Not Detected
Acetone	5200	Not Detected	12000	Not Detected
Carbon Disulfide	1300	Not Detected	4000	Not Detected
2-Propanol	5200	Not Detected	13000	Not Detected
trans-1,2-Dichloroethene	1300	Not Detected	5100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1300	Not Detected	3800	Not Detected
Tetrahydrofuran	1300	Not Detected	3800	Not Detected
1,4-Dioxane	5200	Not Detected	18000	Not Detected
4-Methyl-2-pentanone	1300	Not Detected	5300	Not Detected
2-Hexanone	5200	Not Detected	21000	Not Detected
Bromoform	1300	Not Detected	13000	Not Detected
4-Ethyltoluene	1300	Not Detected	6300	Not Detected
Ethanol	5200	Not Detected	9700	Not Detected
Methyl tert-butyl ether	1300	Not Detected	4600	Not Detected
2,2,4-Trimethylpentane	1300	Not Detected	6000	Not Detected
3-Chloropropene	5200	Not Detected	16000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-044K-VP14-121505 Duplicate

Lab ID#: 0512484C-45AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010413**	**Date of Collection: 12/15/05**	
Dil. Factor:	**2580**	**Date of Analysis: 1/4/06 10:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1300	Not Detected	6400	Not Detected
Freon 114	1300	Not Detected	9000	Not Detected
Vinyl Chloride	1300	Not Detected	3300	Not Detected
Bromomethane	1300	Not Detected	5000	Not Detected
Chloroethane	1300	Not Detected	3400	Not Detected
Freon 11	1300	62000	7200	350000
1,1-Dichloroethene	1300	310000	5100	1200000
Freon 113	1300	200000	9900	1600000
Methylene Chloride	1300	Not Detected	4500	Not Detected
1,1-Dichloroethane	1300	Not Detected	5200	Not Detected
cis-1,2-Dichloroethene	1300	Not Detected	5100	Not Detected
Chloroform	1300	4400	6300	22000
1,1,1-Trichloroethane	1300	Not Detected	7000	Not Detected
Carbon Tetrachloride	1300	Not Detected	8100	Not Detected
Benzene	1300	Not Detected	4100	Not Detected
1,2-Dichloroethane	1300	Not Detected	5200	Not Detected
Trichloroethene	1300	13000	6900	69000
1,2-Dichloropropane	1300	Not Detected	6000	Not Detected
cis-1,3-Dichloropropene	1300	Not Detected	5800	Not Detected
Toluene	1300	Not Detected	4900	Not Detected
trans-1,3-Dichloropropene	1300	Not Detected	5800	Not Detected
1,1,2-Trichloroethane	1300	Not Detected	7000	Not Detected
Tetrachloroethene	1300	58000	8800	390000
1,2-Dibromoethane (EDB)	1300	Not Detected	9900	Not Detected
Chlorobenzene	1300	Not Detected	5900	Not Detected
Ethyl Benzene	1300	Not Detected	5600	Not Detected
m,p-Xylene	1300	Not Detected	5600	Not Detected
o-Xylene	1300	Not Detected	5600	Not Detected
Styrene	1300	Not Detected	5500	Not Detected
1,1,2,2-Tetrachloroethane	1300	Not Detected	8800	Not Detected
1,3,5-Trimethylbenzene	1300	Not Detected	6300	Not Detected
1,2,4-Trimethylbenzene	1300	Not Detected	6300	Not Detected
1,3-Dichlorobenzene	1300	Not Detected	7800	Not Detected
1,4-Dichlorobenzene	1300	Not Detected	7800	Not Detected
alpha-Chlorotoluene	1300	Not Detected	6700	Not Detected
1,2-Dichlorobenzene	1300	Not Detected	7800	Not Detected
1,3-Butadiene	1300	Not Detected	2800	Not Detected
Hexane	1300	Not Detected	4500	Not Detected
Cyclohexane	1300	Not Detected	4400	Not Detected
Bromodichloromethane	1300	Not Detected	8600	Not Detected
Dibromochloromethane	1300	Not Detected	11000	Not Detected
Heptane	1300	Not Detected	5300	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-044K-VP14-121505 Duplicate

Lab ID#: 0512484C-45AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010413**	**Date of Collection:**	**12/15/05**
Dil. Factor:	**2580**	**Date of Analysis:**	**1/4/06 10:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1300	Not Detected	6300	Not Detected
Propylbenzene	1300	Not Detected	6300	Not Detected
Chloromethane	5200	Not Detected	11000	Not Detected
1,2,4-Trichlorobenzene	5200	Not Detected	38000	Not Detected
Hexachlorobutadiene	5200	Not Detected	55000	Not Detected
Acetone	5200	Not Detected	12000	Not Detected
Carbon Disulfide	1300	Not Detected	4000	Not Detected
2-Propanol	5200	Not Detected	13000	Not Detected
trans-1,2-Dichloroethene	1300	Not Detected	5100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1300	Not Detected	3800	Not Detected
Tetrahydrofuran	1300	Not Detected	3800	Not Detected
1,4-Dioxane	5200	Not Detected	18000	Not Detected
4-Methyl-2-pentanone	1300	Not Detected	5300	Not Detected
2-Hexanone	5200	Not Detected	21000	Not Detected
Bromoform	1300	Not Detected	13000	Not Detected
4-Ethyltoluene	1300	Not Detected	6300	Not Detected
Ethanol	5200	Not Detected	9700	Not Detected
Methyl tert-butyl ether	1300	Not Detected	4600	Not Detected
2,2,4-Trimethylpentane	1300	Not Detected	6000	Not Detected
3-Chloropropene	5200	Not Detected	16000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-051-VP14-121505

Lab ID#: 0512484C-46A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010411**	**Date of Collection:**	**12/15/05**
Dil. Factor:	**4480**	**Date of Analysis:**	**1/4/06 09:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2200	Not Detected	11000	Not Detected
Freon 114	2200	Not Detected	16000	Not Detected
Vinyl Chloride	2200	Not Detected	5700	Not Detected
Bromomethane	2200	Not Detected	8700	Not Detected
Chloroethane	2200	Not Detected	5900	Not Detected
Freon 11	2200	140000	12000	770000
1,1-Dichloroethene	2200	870000	8900	3400000
Freon 113	2200	540000	17000	4100000
Methylene Chloride	2200	Not Detected	7800	Not Detected
1,1-Dichloroethane	2200	4400	9100	18000
cis-1,2-Dichloroethene	2200	Not Detected	8900	Not Detected
Chloroform	2200	32000	11000	160000
1,1,1-Trichloroethane	2200	5800	12000	32000
Carbon Tetrachloride	2200	Not Detected	14000	Not Detected
Benzene	2200	Not Detected	7200	Not Detected
1,2-Dichloroethane	2200	Not Detected	9100	Not Detected
Trichloroethene	2200	86000	12000	460000
1,2-Dichloropropane	2200	Not Detected	10000	Not Detected
cis-1,3-Dichloropropene	2200	Not Detected	10000	Not Detected
Toluene	2200	Not Detected	8400	Not Detected
trans-1,3-Dichloropropene	2200	Not Detected	10000	Not Detected
1,1,2-Trichloroethane	2200	Not Detected	12000	Not Detected
Tetrachloroethene	2200	430000	15000	2900000
1,2-Dibromoethane (EDB)	2200	Not Detected	17000	Not Detected
Chlorobenzene	2200	Not Detected	10000	Not Detected
Ethyl Benzene	2200	Not Detected	9700	Not Detected
m,p-Xylene	2200	Not Detected	9700	Not Detected
o-Xylene	2200	Not Detected	9700	Not Detected
Styrene	2200	Not Detected	9500	Not Detected
1,1,2,2-Tetrachloroethane	2200	Not Detected	15000	Not Detected
1,3,5-Trimethylbenzene	2200	Not Detected	11000	Not Detected
1,2,4-Trimethylbenzene	2200	Not Detected	11000	Not Detected
1,3-Dichlorobenzene	2200	Not Detected	13000	Not Detected
1,4-Dichlorobenzene	2200	Not Detected	13000	Not Detected
alpha-Chlorotoluene	2200	Not Detected	12000	Not Detected
1,2-Dichlorobenzene	2200	Not Detected	13000	Not Detected
1,3-Butadiene	2200	Not Detected	5000	Not Detected
Hexane	2200	Not Detected	7900	Not Detected
Cyclohexane	2200	Not Detected	7700	Not Detected
Bromodichloromethane	2200	Not Detected	15000	Not Detected
Dibromochloromethane	2200	Not Detected	19000	Not Detected
Heptane	2200	Not Detected	9200	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-051-VP14-121505

Lab ID#: 0512484C-46A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010411**	**Date of Collection: 12/15/05**	
Dil. Factor:	**4480**	**Date of Analysis: 1/4/06 09:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	2200	Not Detected	11000	Not Detected
Propylbenzene	2200	Not Detected	11000	Not Detected
Chloromethane	9000	Not Detected	18000	Not Detected
1,2,4-Trichlorobenzene	9000	Not Detected	66000	Not Detected
Hexachlorobutadiene	9000	Not Detected	96000	Not Detected
Acetone	9000	Not Detected	21000	Not Detected
Carbon Disulfide	2200	Not Detected	7000	Not Detected
2-Propanol	9000	Not Detected	22000	Not Detected
trans-1,2-Dichloroethene	2200	Not Detected	8900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2200	Not Detected	6600	Not Detected
Tetrahydrofuran	2200	Not Detected	6600	Not Detected
1,4-Dioxane	9000	Not Detected	32000	Not Detected
4-Methyl-2-pentanone	2200	Not Detected	9200	Not Detected
2-Hexanone	9000	Not Detected	37000	Not Detected
Bromoform	2200	Not Detected	23000	Not Detected
4-Ethyltoluene	2200	Not Detected	11000	Not Detected
Ethanol	9000	Not Detected	17000	Not Detected
Methyl tert-butyl ether	2200	Not Detected	8100	Not Detected
2,2,4-Trimethylpentane	2200	Not Detected	10000	Not Detected
3-Chloropropene	9000	Not Detected	28000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-058-VP14-121505

Lab ID#: 0512484C-47A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010412**	**Date of Collection: 12/15/05**	
Dil. Factor:	**4940**	**Date of Analysis: 1/4/06 10:00 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2500	Not Detected	12000	Not Detected
Freon 114	2500	Not Detected	17000	Not Detected
Vinyl Chloride	2500	Not Detected	6300	Not Detected
Bromomethane	2500	Not Detected	9600	Not Detected
Chloroethane	2500	Not Detected	6500	Not Detected
Freon 11	2500	130000	14000	710000
1,1-Dichloroethene	2500	820000	9800	3200000
Freon 113	2500	440000	19000	3300000
Methylene Chloride	2500	Not Detected	8600	Not Detected
1,1-Dichloroethane	2500	4200	10000	17000
cis-1,2-Dichloroethene	2500	Not Detected	9800	Not Detected
Chloroform	2500	37000	12000	180000
1,1,1-Trichloroethane	2500	5800	13000	32000
Carbon Tetrachloride	2500	Not Detected	16000	Not Detected
Benzene	2500	Not Detected	7900	Not Detected
1,2-Dichloroethane	2500	Not Detected	10000	Not Detected
Trichloroethene	2500	110000	13000	610000
1,2-Dichloropropane	2500	Not Detected	11000	Not Detected
cis-1,3-Dichloropropene	2500	Not Detected	11000	Not Detected
Toluene	2500	Not Detected	9300	Not Detected
trans-1,3-Dichloropropene	2500	Not Detected	11000	Not Detected
1,1,2-Trichloroethane	2500	Not Detected	13000	Not Detected
Tetrachloroethene	2500	900000	17000	6100000
1,2-Dibromoethane (EDB)	2500	Not Detected	19000	Not Detected
Chlorobenzene	2500	Not Detected	11000	Not Detected
Ethyl Benzene	2500	Not Detected	11000	Not Detected
m,p-Xylene	2500	Not Detected	11000	Not Detected
o-Xylene	2500	Not Detected	11000	Not Detected
Styrene	2500	Not Detected	10000	Not Detected
1,1,2,2-Tetrachloroethane	2500	Not Detected	17000	Not Detected
1,3,5-Trimethylbenzene	2500	Not Detected	12000	Not Detected
1,2,4-Trimethylbenzene	2500	Not Detected	12000	Not Detected
1,3-Dichlorobenzene	2500	Not Detected	15000	Not Detected
1,4-Dichlorobenzene	2500	Not Detected	15000	Not Detected
alpha-Chlorotoluene	2500	Not Detected	13000	Not Detected
1,2-Dichlorobenzene	2500	Not Detected	15000	Not Detected
1,3-Butadiene	2500	Not Detected	5500	Not Detected
Hexane	2500	Not Detected	8700	Not Detected
Cyclohexane	2500	Not Detected	8500	Not Detected
Bromodichloromethane	2500	Not Detected	16000	Not Detected
Dibromochloromethane	2500	Not Detected	21000	Not Detected
Heptane	2500	Not Detected	10000	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-058-VP14-121505

Lab ID#: 0512484C-47A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010412**	**Date of Collection: 12/15/05**	
Dil. Factor:	**4940**	**Date of Analysis: 1/4/06 10:00 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	2500	Not Detected	12000	Not Detected
Propylbenzene	2500	Not Detected	12000	Not Detected
Chloromethane	9900	Not Detected	20000	Not Detected
1,2,4-Trichlorobenzene	9900	Not Detected	73000	Not Detected
Hexachlorobutadiene	9900	Not Detected	100000	Not Detected
Acetone	9900	Not Detected	23000	Not Detected
Carbon Disulfide	2500	Not Detected	7700	Not Detected
2-Propanol	9900	Not Detected	24000	Not Detected
trans-1,2-Dichloroethene	2500	Not Detected	9800	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2500	Not Detected	7300	Not Detected
Tetrahydrofuran	2500	Not Detected	7300	Not Detected
1,4-Dioxane	9900	Not Detected	36000	Not Detected
4-Methyl-2-pentanone	2500	Not Detected	10000	Not Detected
2-Hexanone	9900	Not Detected	40000	Not Detected
Bromoform	2500	Not Detected	26000	Not Detected
4-Ethyltoluene	2500	Not Detected	12000	Not Detected
Ethanol	9900	Not Detected	19000	Not Detected
Methyl tert-butyl ether	2500	Not Detected	8900	Not Detected
2,2,4-Trimethylpentane	2500	Not Detected	12000	Not Detected
3-Chloropropene	9900	Not Detected	31000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-TB01

Lab ID#: 0512484C-48A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010414**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-TB01

Lab ID#: 0512484C-48A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010414**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-TB02

Lab ID#: 0512484C-49A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010415**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 12:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-TB02

Lab ID#: 0512484C-49A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010415**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 12:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-TB03

Lab ID#: 0512484C-50A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010416**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 01:06 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-TB03

Lab ID#: 0512484C-50A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010416**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 01:06 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

Client Sample ID: OC-SG-TB04

Lab ID#: 0512484C-51A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010417**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 01:49 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: OC-SG-TB04

Lab ID#: 0512484C-51A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010417**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/06 01:49 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	90	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484C-52A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010312**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 06:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484C-52A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010312**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 06:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484C-52B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010409**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 07:19 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0512484C-52B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010409**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 07:19 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484C-53A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 11:37 AM**	

Compound	%Recovery
Freon 12	95
Freon 114	95
Vinyl Chloride	85
Bromomethane	88
Chloroethane	85
Freon 11	97
1,1-Dichloroethene	88
Freon 113	90
Methylene Chloride	82
1,1-Dichloroethane	84
cis-1,2-Dichloroethene	88
Chloroform	87
1,1,1-Trichloroethane	94
Carbon Tetrachloride	96
Benzene	81
1,2-Dichloroethane	90
Trichloroethene	92
1,2-Dichloropropane	88
cis-1,3-Dichloropropene	92
Toluene	89
trans-1,3-Dichloropropene	94
1,1,2-Trichloroethane	93
Tetrachloroethene	94
1,2-Dibromoethane (EDB)	95
Chlorobenzene	93
Ethyl Benzene	92
m,p-Xylene	90
o-Xylene	95
Styrene	98
1,1,2,2-Tetrachloroethane	94
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	97
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	94
1,3-Butadiene	81
Hexane	78
Cyclohexane	85
Bromodichloromethane	88
Dibromochloromethane	90
Heptane	88

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484C-53A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 11:37 AM**	

Compound	%Recovery
Cumene	96
Propylbenzene	97
Chloromethane	94
1,2,4-Trichlorobenzene	131 Q
Hexachlorobutadiene	98
Acetone	81
Carbon Disulfide	79
2-Propanol	84
trans-1,2-Dichloroethene	79
2-Butanone (Methyl Ethyl Ketone)	88
Tetrahydrofuran	76
1,4-Dioxane	88
4-Methyl-2-pentanone	90
2-Hexanone	91
Bromoform	94
4-Ethyltoluene	96
Ethanol	83
Methyl tert-butyl ether	83
2,2,4-Trimethylpentane	86
3-Chloropropene	84

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484C-53B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:11 AM**	

Compound	%Recovery
Freon 12	94
Freon 114	94
Vinyl Chloride	86
Bromomethane	88
Chloroethane	86
Freon 11	95
1,1-Dichloroethene	87
Freon 113	88
Methylene Chloride	82
1,1-Dichloroethane	84
cis-1,2-Dichloroethene	88
Chloroform	86
1,1,1-Trichloroethane	92
Carbon Tetrachloride	93
Benzene	83
1,2-Dichloroethane	90
Trichloroethene	91
1,2-Dichloropropane	88
cis-1,3-Dichloropropene	92
Toluene	89
trans-1,3-Dichloropropene	92
1,1,2-Trichloroethane	94
Tetrachloroethene	92
1,2-Dibromoethane (EDB)	95
Chlorobenzene	93
Ethyl Benzene	93
m,p-Xylene	90
o-Xylene	96
Styrene	98
1,1,2,2-Tetrachloroethane	95
1,3,5-Trimethylbenzene	99
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	96
1,3-Butadiene	81
Hexane	79
Cyclohexane	85
Bromodichloromethane	88
Dibromochloromethane	90
Heptane	87

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0512484C-53B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:11 AM**	

Compound	%Recovery
Cumene	95
Propylbenzene	97
Chloromethane	94
1,2,4-Trichlorobenzene	131 Q
Hexachlorobutadiene	99
Acetone	80
Carbon Disulfide	80
2-Propanol	84
trans-1,2-Dichloroethene	78
2-Butanone (Methyl Ethyl Ketone)	88
Tetrahydrofuran	76
1,4-Dioxane	87
4-Methyl-2-pentanone	91
2-Hexanone	92
Bromoform	92
4-Ethyltoluene	99
Ethanol	81
Methyl tert-butyl ether	83
2,2,4-Trimethylpentane	85
3-Chloropropene	84

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484C-54A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 12:16 PM**	

Compound	%Recovery
Freon 12	83
Freon 114	85
Vinyl Chloride	76
Bromomethane	78
Chloroethane	77
Freon 11	84
1,1-Dichloroethene	79
Freon 113	83
Methylene Chloride	76
1,1-Dichloroethane	79
cis-1,2-Dichloroethene	107
Chloroform	81
1,1,1-Trichloroethane	82
Carbon Tetrachloride	84
Benzene	78
1,2-Dichloroethane	85
Trichloroethene	84
1,2-Dichloropropane	85
cis-1,3-Dichloropropene	97
Toluene	91
trans-1,3-Dichloropropene	90
1,1,2-Trichloroethane	88
Tetrachloroethene	90
1,2-Dibromoethane (EDB)	98
Chlorobenzene	88
Ethyl Benzene	91
m,p-Xylene	92
o-Xylene	93
Styrene	98
1,1,2,2-Tetrachloroethane	88
1,3,5-Trimethylbenzene	91
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	86
1,4-Dichlorobenzene	89
alpha-Chlorotoluene	59 Q
1,2-Dichlorobenzene	84
1,3-Butadiene	87
Hexane	84
Cyclohexane	89
Bromodichloromethane	94
Dibromochloromethane	94
Heptane	92

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484C-54A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/06 12:16 PM**	

Compound	%Recovery
Cumene	82
Propylbenzene	90
Chloromethane	93
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	90
Acetone	90
Carbon Disulfide	88
2-Propanol	59 Q
trans-1,2-Dichloroethene	86
2-Butanone (Methyl Ethyl Ketone)	94
Tetrahydrofuran	83
1,4-Dioxane	92
4-Methyl-2-pentanone	94
2-Hexanone	83
Bromoform	94
4-Ethyltoluene	86
Ethanol	55 Q
Methyl tert-butyl ether	88
2,2,4-Trimethylpentane	97
3-Chloropropene	84

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484C-54B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:49 AM**	

Compound	%Recovery
Freon 12	82
Freon 114	85
Vinyl Chloride	76
Bromomethane	81
Chloroethane	80
Freon 11	85
1,1-Dichloroethene	80
Freon 113	85
Methylene Chloride	77
1,1-Dichloroethane	80
cis-1,2-Dichloroethene	108
Chloroform	81
1,1,1-Trichloroethane	81
Carbon Tetrachloride	84
Benzene	76
1,2-Dichloroethane	82
Trichloroethene	83
1,2-Dichloropropane	82
cis-1,3-Dichloropropene	94
Toluene	87
trans-1,3-Dichloropropene	88
1,1,2-Trichloroethane	86
Tetrachloroethene	89
1,2-Dibromoethane (EDB)	96
Chlorobenzene	86
Ethyl Benzene	90
m,p-Xylene	90
o-Xylene	90
Styrene	95
1,1,2,2-Tetrachloroethane	87
1,3,5-Trimethylbenzene	88
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	84
1,4-Dichlorobenzene	86
alpha-Chlorotoluene	75
1,2-Dichlorobenzene	82
1,3-Butadiene	86
Hexane	85
Cyclohexane	90
Bromodichloromethane	93
Dibromochloromethane	92
Heptane	90

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0512484C-54B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/06 11:49 AM**	

Compound	%Recovery
Cumene	79
Propylbenzene	88
Chloromethane	93
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	90
Acetone	89
Carbon Disulfide	89
2-Propanol	76
trans-1,2-Dichloroethene	86
2-Butanone (Methyl Ethyl Ketone)	94
Tetrahydrofuran	82
1,4-Dioxane	86
4-Methyl-2-pentanone	89
2-Hexanone	82
Bromoform	91
4-Ethyltoluene	83
Ethanol	73
Methyl tert-butyl ether	89
2,2,4-Trimethylpentane	96
3-Chloropropene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	98	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact: Person Sharon Wallin
Company CDM, Inc. Email
Address 18581 Teller Ave. Suite 200 City Irvine State CA Zip 92612
Phone (949) 752-5452 Fax (949) 752-1307
Collected by: (Signature) Scott A. Henderson

Project Info:
P.O. #
Project #
Project Name Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VK
Date: 12/28/05
Pressurization Gas: (N2) He

	Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psig)
40A	41A	OC-SG-058-VP18-121505	14936	12/15/05	917	Methane (ASTM 1946); TO-15 (VOCs & Freon 11,12,113)	-28	-5	4.5	15.0 psig
41A	42A	OC-SG-012-VP14-121505	33641		1004	TO-15 (VOCs & Freon 11,12,113)	-30	-5	3.5	
42A	43A	OC-SG-089-VP14-121505	2442		1015		-28	-5	4.0	
43A	44A	OC-SG-035-VP14-121505	13392		1021		-29	-5	5.5	
44A	45A	OC-SG-044-VP14-121505	34606		1055		-28	-3	4.3	
45A	46A	OC-SG-044X-VP14-121505	34661		1055		-27	-5	6.5	
46A	47A	OC-SG-051-VP14-121505	12304		1029		-30	-5	3.0	
47A	48A	OC-SG-058-VP14-121505	20918	↓	1045	↓	-29	-5	5.5	
49A	49A	OC-SG-TB01	31762			TO-15 (VOCs & Freon 11,12,113)			28.5	
49A	50A	OC-SG-TB02	12988			↓			29.0	↓

Relinquished by: (signature) Date/Time: Scott A Henderson 12-18-05/1600
Received by: (signature) Date/Time: 1120 12/21/05
Notes:

Relinquished by: (signature) Date/Time
Received by: (signature) Date/Time

Relinquished by: (signature) Date/Time
Received by: (signature) Date/Time

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Fedex	6429 3890 1208	—	good	Yes No (None)	0512484

Form 1293 rev. 10

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

Contact Person: Sharon Wallia
Company: CDM, Inc. Email:
Address: 18581 Teller Ave., Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (Signature)

Project Info:
P.O. #:
Project #:
Project Name: Omega Chemical

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VAP
Date: 12/28/05
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
5A	OC-SG-TB03	3178			TO-15 (VOCs & Freon 11,12,113			29.0 Hg	15.0 psi
5A	OC-SG-TB04	3164						29.0 Hg	

Relinquished by: (signature) Date/Time: Scott A. Anderson 12-18-05/1600
Received by: (signature) Date/Time: 1120 12/21/05

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp. (°C)	Condition	Customer Seals Intact?	Work Order #
	Fedex	6429 3890 7208	—	good	Yes No None	0512484

Form 1293 rev. 0

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

WORK ORDER #: 0603270A

Work Order Summary

CLIENT: Mr. Scott Sanderson
CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612

BILL TO: Mr. Scott Sanderson
CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612

PHONE: 949-930-2158
FAX: 949-752-1307
DATE RECEIVED: 03/13/2006
DATE COMPLETED: 03/23/2006

P.O. #
PROJECT # 10500-37240 Omega Chemical
CONTACT: Kyle Vagadori

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-SG-022-VP29-030606	Modified TO-15/TICs	4.5 "Hg
02A	OC-SG-029-VP29-030606	Modified TO-15/TICs	4.5 "Hg
03A	OC-SG-029K-VP29-030606	Modified TO-15/TICs	3.0 "Hg
04A	OC-SG-048-VP29-030606	Modified TO-15/TICs	3.5 "Hg
05A	OC-SG-021.5-VP20-030606	Modified TO-15/TICs	5.5 "Hg
06A	OC-SG-029-VP20-030606	Modified TO-15/TICs	1.0 "Hg
07A	OC-SG-051-VP20-030606	Modified TO-15/TICs	4.0 "Hg
08A	OC-SG-027-VP24-030606	Modified TO-15/TICs	4.0 "Hg
08AA	OC-SG-027-VP24-030606 Duplicate	Modified TO-15/TICs	4.0 "Hg
09A	OC-SG-035-VP24-030606	Modified TO-15/TICs	4.0 "Hg
10A	OC-SG-039-VP24-030606	Modified TO-15/TICs	3.5 "Hg
11A	OC-SG-025-VP25-030606	Modified TO-15/TICs	1.5 "Hg
12A	OC-SG-029-VP25-030606	Modified TO-15/TICs	4.0 "Hg
13A	OC-SG-036-VP25-030606	Modified TO-15/TICs	4.0 "Hg
14A	OC-SG-020-VP28-030706	Modified TO-15/TICs	3.0 "Hg
15A	OC-SG-029-VP28-030706	Modified TO-15/TICs	3.5 "Hg
16A	OC-SG-043-VP28-030706	Modified TO-15/TICs	3.5 "Hg

Continued on next page

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WORK ORDER #: 0603270A

Work Order Summary

CLIENT:	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612	**BILL TO:**	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612
PHONE:	949-930-2158	**P.O. #**	
FAX:	949-752-1307	**PROJECT #**	10500-37240 Omega Chemical
DATE RECEIVED:	03/13/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	03/23/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
16AA	OC-SG-043-VP28-030706 Duplicate	Modified TO-15/TICs	3.5 "Hg
17A	OC-TB01-030606	Modified TO-15/TICs	28.5 "Hg
18A	OC-TB02-030706	Modified TO-15/TICs	28.5 "Hg
19A	OC-TB03-030806	Modified TO-15/TICs	28.5 "Hg
20A	OC-TB04-030906	Modified TO-15/TICs	28.5 "Hg
21A	Lab Blank	Modified TO-15/TICs	NA
21B	Lab Blank	Modified TO-15/TICs	NA
22A	CCV	Modified TO-15/TICs	NA
22B	CCV	Modified TO-15/TICs	NA
23A	LCS	Modified TO-15/TICs	NA
23B	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda J. Fruman DATE: 03/24/06

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0603270A

Nineteen 1 Liter Summa Canister and one 1 Liter Silonite Canister samples were received on March 13, 2006. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample OC-SG-036VP25-030606 did not match the entry on the sample tag with regard to sample identification. The discrepancy was noted in the Sample Receipt Confirmation email/fax and the information on the COC was used to process and report the sample.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

The reported LCS for each daily batch has been derived from more than one analytical file.

1,2,4-Trichlorobenzene was detected in the laboratory blank analyzed on 3/20/06 at less than 5X the reporting limit. Associated samples had no detections for 1,2,4-Trichlorobenzene.

The reported result for 4-Ethyltoluene in sample OC-SG-036-VP25-030606 may be biased high due to co-elution with a non target compound with similar characteristic ions. Both the primary and secondary ion for 4-Ethyltoluene exhibited potential interference.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-022-VP29-030606

Lab ID#: 0603270A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	600	31000	3300	170000
1,1-Dichloroethene	600	74000	2400	290000
Freon 113	600	100000	4600	810000
Trichloroethene	600	6900	3200	37000
Tetrachloroethene	600	10000	4000	69000

Client Sample ID: OC-SG-029-VP29-030606

Lab ID#: 0603270A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	600	72000	3300	400000
1,1-Dichloroethene	600	160000	2400	640000
Freon 113	600	200000	4600	1500000
Trichloroethene	600	13000	3200	71000
Tetrachloroethene	600	18000	4000	120000

Client Sample ID: OC-SG-029K-VP29-030606

Lab ID#: 0603270A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	740	69000	4200	390000
1,1-Dichloroethene	740	160000	3000	620000
Freon 113	740	200000	5700	1500000
Trichloroethene	740	13000	4000	71000
Tetrachloroethene	740	18000	5000	120000

Client Sample ID: OC-SG-048-VP29-030606

Lab ID#: 0603270A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1100	100000	6400	600000
1,1-Dichloroethene	1100	250000	4500	980000
Freon 113	1100	370000	8800	2800000
Trichloroethene	1100	15000	6200	83000
Tetrachloroethene	1100	24000	7800	160000

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-021.5-VP20-030606

Lab ID#: 0603270A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	120	10000	690	59000
1,1-Dichloroethene	120	15000	490	59000
Freon 113	120	25000	950	190000
Trichloroethene	120	1500	660	7900
Tetrachloroethene	120	1000	840	7100

Client Sample ID: OC-SG-029-VP20-030606

Lab ID#: 0603270A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	140	13000	780	72000
1,1-Dichloroethene	140	14000	550	56000
Freon 113	140	23000	1100	180000
Trichloroethene	140	260	750	1400
Tetrachloroethene	140	160	950	1100

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
2-Oxetanone, 4,4-dimethyl-	1823-52-5	53%	810 N J

Client Sample ID: OC-SG-051-VP20-030606

Lab ID#: 0603270A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	160	11000	870	61000
1,1-Dichloroethene	160	29000	620	110000
Freon 113	160	22000	1200	170000
Trichloroethene	160	1300	840	6900
Tetrachloroethene	160	980	1000	6600

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propyne, 3-bromo-	106-96-7	72%	2100 N J
Unknown	NA	NA	1100 J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-027-VP24-030606

Lab ID#: 0603270A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	230	640	1200	3200
Freon 11	230	16000	1300	92000
1,1-Dichloroethene	230	7300	920	29000
Freon 113	230	77000	1800	590000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propen-1-one, 2-methyl-	598-26-5	74%	2900 N J
2-Butene, (Z)-	590-18-1	64%	1200 N J

Client Sample ID: OC-SG-027-VP24-030606 Duplicate

Lab ID#: 0603270A-08AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	230	570	1200	2800
Freon 11	230	16000	1300	91000
1,1-Dichloroethene	230	7200	920	29000
Freon 113	230	76000	1800	590000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propen-1-one, 2-methyl-	598-26-5	9.0%	2700 N J

Client Sample ID: OC-SG-035-VP24-030606

Lab ID#: 0603270A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1600	3100	7700	15000
Freon 11	1600	89000	8700	500000
1,1-Dichloroethene	1600	39000	6200	150000
Freon 113	1600	550000	12000	4200000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Hexadecane, 7,9-dimethyl-	21164-95-4	74%	13000 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-035-VP24-030606

Lab ID#: 0603270A-09A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	70%	10000 N J
Nonane, 4,5-dimethyl-	17302-23-7	72%	9400 N J

Client Sample ID: OC-SG-039-VP24-030606

Lab ID#: 0603270A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	2900	7500	14000
Freon 11	1500	84000	8600	470000
1,1-Dichloroethene	1500	36000	6000	140000
Freon 113	1500	450000	12000	3500000
Carbon Disulfide	1500	2200	4700	6800
2-Propanol	6100	12000	15000	29000

Client Sample ID: OC-SG-025-VP25-030606

Lab ID#: 0603270A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.7	2.3	8.4	12
Freon 11	1.7	310	9.6	1800
1,1-Dichloroethene	1.7	240	6.8	960
Freon 113	1.7	430	13	3300
Methylene Chloride	1.7	2.7	5.9	9.2
Chloroform	1.7	2.8	8.3	13
Benzene	1.7	9.1	5.4	29
Trichloroethene	1.7	250	9.2	1400
Toluene	1.7	21	6.4	80
Tetrachloroethene	1.7	42	12	280
Ethyl Benzene	1.7	2.5	7.4	11
m,p-Xylene	1.7	7.4	7.4	32
o-Xylene	1.7	2.9	7.4	12
1,3-Butadiene	1.7	13	3.8	29
Hexane	1.7	13	6.0	47
Cyclohexane	1.7	1.7	5.9	5.9
Heptane	1.7	7.9	7.0	32

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-025-VP25-030606

Lab ID#: 0603270A-11A

Acetone	6.8	150	16	360
2-Butanone (Methyl Ethyl Ketone)	1.7	26	5.0	76
4-Methyl-2-pentanone	1.7	3.8	7.0	15
Ethanol	6.8	10	13	20
Methyl tert-butyl ether	1.7	5.3	6.1	19
2,2,4-Trimethylpentane	1.7	10	8.0	47

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propene	115-07-1	72%	220 N J
2-Butene, (Z)-	590-18-1	80%	140 N J
Unknown	NA	NA	63 J
2-Pentene, 5-butoxy-, (E)-	54004-23-8	22%	85 N J
1-Octene, 3-ethyl-	74630-08-3	91%	130 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	78%	84 N J
Tridecane	629-50-5	83%	62 N J
Hexane, 2,2,4-trimethyl-	16747-26-5	64%	150 N J
Unknown	NA	NA	110 J
Unknown	NA	NA	290 J

Client Sample ID: OC-SG-029-VP25-030606

Lab ID#: 0603270A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.9	2.7	9.2	14
Freon 11	1.9	410	10	2300
1,1-Dichloroethene	1.9	260	7.4	1000
Freon 113	1.9	500	14	3800
Methylene Chloride	1.9	3.2	6.5	11
Benzene	1.9	6.0	6.0	19
Trichloroethene	1.9	360	10	1900
Tetrachloroethene	1.9	110	13	730
Ethyl Benzene	1.9	1.8 J	8.1	8.0 J
m,p-Xylene	1.9	6.3	8.1	27
o-Xylene	1.9	2.6	8.1	11
1,3-Butadiene	1.9	4.7	4.1	10
Hexane	1.9	16	6.6	58
Cyclohexane	1.9	3.5	6.4	12

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-029-VP25-030606

Lab ID#: 0603270A-12A

Heptane	1.9	4.5	7.6	18
Acetone	7.5	80	18	190
Carbon Disulfide	1.9	6.0	5.8	19
2-Butanone (Methyl Ethyl Ketone)	1.9	21	5.5	61
Methyl tert-butyl ether	1.9	5.8	6.7	21
2,2,4-Trimethylpentane	1.9	4.0	8.7	18

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propene	115-07-1	47%	140 N J
2-Butene, (Z)-	590-18-1	86%	72 N J
Unknown	NA	NA	76 J
Pentane, 2-methyl-	107-83-5	87%	54 N J
TRIFLUOROACETYL-CITRONELLOL	0-00-0	64%	120 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	64%	110 N J
Nonane, 3,7-dimethyl-	17302-32-8	68%	76 N J
Unknown	NA	NA	100 J
Unknown	NA	NA	140 J
Unknown	NA	NA	380 J

Client Sample ID: OC-SG-036-VP25-030606

Lab ID#: 0603270A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	1.4	5.8	7.2
Freon 11	1.2	130	6.5	710
1,1-Dichloroethene	1.2	98	4.6	390
Freon 113	1.2	170	8.9	1300
Methylene Chloride	1.2	3.8	4.0	13
Chloroform	1.2	1.2	5.7	5.7
Benzene	1.2	6.3	3.7	20
Trichloroethene	1.2	160	6.3	840
Toluene	1.2	18	4.4	66
Tetrachloroethene	1.2	48	7.9	330
Ethyl Benzene	1.2	4.3	5.0	19
m,p-Xylene	1.2	14	5.0	59
o-Xylene	1.2	5.1	5.0	22
1,3,5-Trimethylbenzene	1.2	2.0	5.7	10

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-036-VP25-030606

Lab ID#: 0603270A-13A

1,2,4-Trimethylbenzene	1.2	4.9	5.7	24
1,3-Butadiene	1.2	4.2	2.6	9.2
Hexane	1.2	27	4.1	94
Cyclohexane	1.2	4.8	4.0	16
Heptane	1.2	4.3	4.8	18
Acetone	4.7	76	11	180
Carbon Disulfide	1.2	8.9	3.6	28
2-Butanone (Methyl Ethyl Ketone)	1.2	35	3.4	100
1,4-Dioxane	4.7	6.5	17	23
4-Methyl-2-pentanone	1.2	2.6	4.8	10
4-Ethyltoluene	1.2	2.8	5.7	14
Ethanol	4.7	6.4	8.8	12
Methyl tert-butyl ether	1.2	12	4.2	42
2,2,4-Trimethylpentane	1.2	5.3	5.4	25

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propene	115-07-1	59%	110 N J
2-Butene, (Z)-	590-18-1	72%	79 N J
Acetaldehyde	75-07-0	86%	74 N J
Butane, 2,3-dimethyl-	79-29-8	58%	110 N J
1-Octene, 3-ethyl-	74630-08-3	91%	110 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	38%	91 N J
Pentadecane	629-62-9	72%	89 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	64%	220 N J
Unknown	NA	NA	140 J
Unknown	NA	NA	220 J

Client Sample ID: OC-SG-020-VP28-030706

Lab ID#: 0603270A-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	250	290	1200	1400
Freon 11	250	25000	1400	140000
1,1-Dichloroethene	250	48000	990	190000
Freon 113	250	79000	1900	600000
Tetrachloroethene	250	320	1700	2100

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-029-VP28-030706

Lab ID#: 0603270A-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	23	68	110	340
Freon 11	23	1600	130	9000
1,1-Dichloroethene	23	4300	91	17000
Freon 113	23	2500	180	19000
Trichloroethene	23	94	120	500
Toluene	23	23	86	86
Tetrachloroethene	23	240	160	1600

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propen-1-one, 2-methyl-	598-26-5	43%	510 N J
Cyclobutane	287-23-0	59%	270 N J
Unknown	NA	NA	160 J
1-Octene, 3-ethyl-	74630-08-3	72%	240 N J
3-Hexanone, 2,4-dimethyl-	18641-70-8	59%	120 N J
Unknown	NA	NA	300 J
Unknown	NA	NA	150 J
Unknown	NA	NA	210 J

Client Sample ID: OC-SG-043-VP28-030706

Lab ID#: 0603270A-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	57	4600	320	26000
1,1-Dichloroethene	57	17000	230	69000
Freon 113	57	13000	440	100000
Trichloroethene	57	480	310	2600
Tetrachloroethene	57	2000	390	14000
Heptane	57	59	230	240

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propen-1-one, 2-methyl-	598-26-5	64%	1400 N J
2-Butene, (Z)-	590-18-1	72%	850 N J
Unknown	NA	NA	320 J
Unknown	NA	NA	310 J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-043-VP28-030706 Duplicate

Lab ID#: 0603270A-16AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	57	4400	320	25000
1,1-Dichloroethene	57	16000	230	66000
Freon 113	57	13000	440	98000
Trichloroethene	57	430	310	2300
Tetrachloroethene	57	1900	390	13000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1300 J
1-Propene, 2-methyl-	115-11-7	72%	840 N J
Unknown	NA	NA	360 J
Unknown	NA	NA	300 J

Client Sample ID: OC-TB01-030606

Lab ID#: 0603270A-17A

No Detections Were Found.

Client Sample ID: OC-TB02-030706

Lab ID#: 0603270A-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2,2,4-Trimethylpentane	0.50	1.0	2.3	4.8

Client Sample ID: OC-TB03-030806

Lab ID#: 0603270A-19A

No Detections Were Found.

Client Sample ID: OC-TB04-030906

Lab ID#: 0603270A-20A

No Detections Were Found.

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Client Sample ID: OC-SG-022-VP29-030606

Lab ID#: 0603270A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031810**	**Date of Collection: 3/6/06**	
Dil. Factor:	**1190**	**Date of Analysis: 3/18/06 03:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	600	Not Detected	2900	Not Detected
Freon 114	600	Not Detected	4200	Not Detected
Vinyl Chloride	600	Not Detected	1500	Not Detected
Bromomethane	600	Not Detected	2300	Not Detected
Chloroethane	600	Not Detected	1600	Not Detected
Freon 11	600	31000	3300	170000
1,1-Dichloroethene	600	74000	2400	290000
Freon 113	600	100000	4600	810000
Methylene Chloride	600	Not Detected	2100	Not Detected
1,1-Dichloroethane	600	Not Detected	2400	Not Detected
cis-1,2-Dichloroethene	600	Not Detected	2400	Not Detected
Chloroform	600	Not Detected	2900	Not Detected
1,1,1-Trichloroethane	600	Not Detected	3200	Not Detected
Carbon Tetrachloride	600	Not Detected	3700	Not Detected
Benzene	600	Not Detected	1900	Not Detected
1,2-Dichloroethane	600	Not Detected	2400	Not Detected
Trichloroethene	600	6900	3200	37000
1,2-Dichloropropane	600	Not Detected	2700	Not Detected
cis-1,3-Dichloropropene	600	Not Detected	2700	Not Detected
Toluene	600	Not Detected	2200	Not Detected
trans-1,3-Dichloropropene	600	Not Detected	2700	Not Detected
1,1,2-Trichloroethane	600	Not Detected	3200	Not Detected
Tetrachloroethene	600	10000	4000	69000
1,2-Dibromoethane (EDB)	600	Not Detected	4600	Not Detected
Chlorobenzene	600	Not Detected	2700	Not Detected
Ethyl Benzene	600	Not Detected	2600	Not Detected
m,p-Xylene	600	Not Detected	2600	Not Detected
o-Xylene	600	Not Detected	2600	Not Detected
Styrene	600	Not Detected	2500	Not Detected
1,1,2,2-Tetrachloroethane	600	Not Detected	4100	Not Detected
1,3,5-Trimethylbenzene	600	Not Detected	2900	Not Detected
1,2,4-Trimethylbenzene	600	Not Detected	2900	Not Detected
1,3-Dichlorobenzene	600	Not Detected	3600	Not Detected
1,4-Dichlorobenzene	600	Not Detected	3600	Not Detected
alpha-Chlorotoluene	600	Not Detected	3100	Not Detected
1,2-Dichlorobenzene	600	Not Detected	3600	Not Detected
1,3-Butadiene	600	Not Detected	1300	Not Detected
Hexane	600	Not Detected	2100	Not Detected
Cyclohexane	600	Not Detected	2000	Not Detected
Bromodichloromethane	600	Not Detected	4000	Not Detected

Client Sample ID: OC-SG-022-VP29-030606

Lab ID#: 0603270A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031810**	**Date of Collection: 3/6/06**	
Dil. Factor:	**1190**	**Date of Analysis: 3/18/06 03:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	600	Not Detected	5100	Not Detected
Heptane	600	Not Detected	2400	Not Detected
Cumene	600	Not Detected	2900	Not Detected
Propylbenzene	600	Not Detected	2900	Not Detected
Chloromethane	2400	Not Detected	4900	Not Detected
1,2,4-Trichlorobenzene	2400	Not Detected U J	18000	Not Detected U J
Hexachlorobutadiene	2400	Not Detected	25000	Not Detected
Acetone	2400	Not Detected	5600	Not Detected
Carbon Disulfide	600	Not Detected	1800	Not Detected
2-Propanol	2400	Not Detected	5800	Not Detected
trans-1,2-Dichloroethene	600	Not Detected	2400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	600	Not Detected	1800	Not Detected
Tetrahydrofuran	600	Not Detected	1800	Not Detected
1,4-Dioxane	2400	Not Detected	8600	Not Detected
4-Methyl-2-pentanone	600	Not Detected	2400	Not Detected
2-Hexanone	2400	Not Detected	9700	Not Detected
Bromoform	600	Not Detected	6200	Not Detected
4-Ethyltoluene	600	Not Detected	2900	Not Detected
Ethanol	2400	Not Detected	4500	Not Detected
Methyl tert-butyl ether	600	Not Detected	2100	Not Detected
2,2,4-Trimethylpentane	600	Not Detected	2800	Not Detected
3-Chloropropene	2400	Not Detected	7400	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: OC-SG-029-VP29-030606

Lab ID#: 0603270A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031811**	**Date of Collection: 3/6/06**	
Dil. Factor:	**1190**	**Date of Analysis: 3/18/06 04:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	600	Not Detected	2900	Not Detected
Freon 114	600	Not Detected	4200	Not Detected
Vinyl Chloride	600	Not Detected	1500	Not Detected
Bromomethane	600	Not Detected	2300	Not Detected
Chloroethane	600	Not Detected	1600	Not Detected
Freon 11	600	72000	3300	400000
1,1-Dichloroethene	600	160000	2400	640000
Freon 113	600	200000	4600	1500000
Methylene Chloride	600	Not Detected	2100	Not Detected
1,1-Dichloroethane	600	Not Detected	2400	Not Detected
cis-1,2-Dichloroethene	600	Not Detected	2400	Not Detected
Chloroform	600	Not Detected	2900	Not Detected
1,1,1-Trichloroethane	600	Not Detected	3200	Not Detected
Carbon Tetrachloride	600	Not Detected	3700	Not Detected
Benzene	600	Not Detected	1900	Not Detected
1,2-Dichloroethane	600	Not Detected	2400	Not Detected
Trichloroethene	600	13000	3200	71000
1,2-Dichloropropane	600	Not Detected	2700	Not Detected
cis-1,3-Dichloropropene	600	Not Detected	2700	Not Detected
Toluene	600	Not Detected	2200	Not Detected
trans-1,3-Dichloropropene	600	Not Detected	2700	Not Detected
1,1,2-Trichloroethane	600	Not Detected	3200	Not Detected
Tetrachloroethene	600	18000	4000	120000
1,2-Dibromoethane (EDB)	600	Not Detected	4600	Not Detected
Chlorobenzene	600	Not Detected	2700	Not Detected
Ethyl Benzene	600	Not Detected	2600	Not Detected
m,p-Xylene	600	Not Detected	2600	Not Detected
o-Xylene	600	Not Detected	2600	Not Detected
Styrene	600	Not Detected	2500	Not Detected
1,1,2,2-Tetrachloroethane	600	Not Detected	4100	Not Detected
1,3,5-Trimethylbenzene	600	Not Detected	2900	Not Detected
1,2,4-Trimethylbenzene	600	Not Detected	2900	Not Detected
1,3-Dichlorobenzene	600	Not Detected	3600	Not Detected
1,4-Dichlorobenzene	600	Not Detected	3600	Not Detected
alpha-Chlorotoluene	600	Not Detected	3100	Not Detected
1,2-Dichlorobenzene	600	Not Detected	3600	Not Detected
1,3-Butadiene	600	Not Detected	1300	Not Detected
Hexane	600	Not Detected	2100	Not Detected
Cyclohexane	600	Not Detected	2000	Not Detected
Bromodichloromethane	600	Not Detected	4000	Not Detected

Client Sample ID: OC-SG-029-VP29-030606

Lab ID#: 0603270A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031811**	**Date of Collection: 3/6/06**	
Dil. Factor:	**1190**	**Date of Analysis: 3/18/06 04:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	600	Not Detected	5100	Not Detected
Heptane	600	Not Detected	2400	Not Detected
Cumene	600	Not Detected	2900	Not Detected
Propylbenzene	600	Not Detected	2900	Not Detected
Chloromethane	2400	Not Detected	4900	Not Detected
1,2,4-Trichlorobenzene	2400	Not Detected U J	18000	Not Detected U J
Hexachlorobutadiene	2400	Not Detected	25000	Not Detected
Acetone	2400	Not Detected	5600	Not Detected
Carbon Disulfide	600	Not Detected	1800	Not Detected
2-Propanol	2400	Not Detected	5800	Not Detected
trans-1,2-Dichloroethene	600	Not Detected	2400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	600	Not Detected	1800	Not Detected
Tetrahydrofuran	600	Not Detected	1800	Not Detected
1,4-Dioxane	2400	Not Detected	8600	Not Detected
4-Methyl-2-pentanone	600	Not Detected	2400	Not Detected
2-Hexanone	2400	Not Detected	9700	Not Detected
Bromoform	600	Not Detected	6200	Not Detected
4-Ethyltoluene	600	Not Detected	2900	Not Detected
Ethanol	2400	Not Detected	4500	Not Detected
Methyl tert-butyl ether	600	Not Detected	2100	Not Detected
2,2,4-Trimethylpentane	600	Not Detected	2800	Not Detected
3-Chloropropene	2400	Not Detected	7400	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	84	70-130

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Client Sample ID: OC-SG-029K-VP29-030606

Lab ID#: 0603270A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031812**	**Date of Collection: 3/6/06**	
Dil. Factor:	**1490**	**Date of Analysis: 3/18/06 04:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	740	Not Detected	3700	Not Detected
Freon 114	740	Not Detected	5200	Not Detected
Vinyl Chloride	740	Not Detected	1900	Not Detected
Bromomethane	740	Not Detected	2900	Not Detected
Chloroethane	740	Not Detected	2000	Not Detected
Freon 11	740	69000	4200	390000
1,1-Dichloroethene	740	160000	3000	620000
Freon 113	740	200000	5700	1500000
Methylene Chloride	740	Not Detected	2600	Not Detected
1,1-Dichloroethane	740	Not Detected	3000	Not Detected
cis-1,2-Dichloroethene	740	Not Detected	3000	Not Detected
Chloroform	740	Not Detected	3600	Not Detected
1,1,1-Trichloroethane	740	Not Detected	4100	Not Detected
Carbon Tetrachloride	740	Not Detected	4700	Not Detected
Benzene	740	Not Detected	2400	Not Detected
1,2-Dichloroethane	740	Not Detected	3000	Not Detected
Trichloroethene	740	13000	4000	71000
1,2-Dichloropropane	740	Not Detected	3400	Not Detected
cis-1,3-Dichloropropene	740	Not Detected	3400	Not Detected
Toluene	740	Not Detected	2800	Not Detected
trans-1,3-Dichloropropene	740	Not Detected	3400	Not Detected
1,1,2-Trichloroethane	740	Not Detected	4100	Not Detected
Tetrachloroethene	740	18000	5000	120000
1,2-Dibromoethane (EDB)	740	Not Detected	5700	Not Detected
Chlorobenzene	740	Not Detected	3400	Not Detected
Ethyl Benzene	740	Not Detected	3200	Not Detected
m,p-Xylene	740	Not Detected	3200	Not Detected
o-Xylene	740	Not Detected	3200	Not Detected
Styrene	740	Not Detected	3200	Not Detected
1,1,2,2-Tetrachloroethane	740	Not Detected	5100	Not Detected
1,3,5-Trimethylbenzene	740	Not Detected	3700	Not Detected
1,2,4-Trimethylbenzene	740	Not Detected	3700	Not Detected
1,3-Dichlorobenzene	740	Not Detected	4500	Not Detected
1,4-Dichlorobenzene	740	Not Detected	4500	Not Detected
alpha-Chlorotoluene	740	Not Detected	3800	Not Detected
1,2-Dichlorobenzene	740	Not Detected	4500	Not Detected
1,3-Butadiene	740	Not Detected	1600	Not Detected
Hexane	740	Not Detected	2600	Not Detected
Cyclohexane	740	Not Detected	2600	Not Detected
Bromodichloromethane	740	Not Detected	5000	Not Detected

Client Sample ID: OC-SG-029K-VP29-030606

Lab ID#: 0603270A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031812**	**Date of Collection: 3/6/06**	
Dil. Factor:	**1490**	**Date of Analysis: 3/18/06 04:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	740	Not Detected	6300	Not Detected
Heptane	740	Not Detected	3000	Not Detected
Cumene	740	Not Detected	3700	Not Detected
Propylbenzene	740	Not Detected	3700	Not Detected
Chloromethane	3000	Not Detected	6200	Not Detected
1,2,4-Trichlorobenzene	3000	Not Detected U J	22000	Not Detected U J
Hexachlorobutadiene	3000	Not Detected	32000	Not Detected
Acetone	3000	Not Detected	7100	Not Detected
Carbon Disulfide	740	Not Detected	2300	Not Detected
2-Propanol	3000	Not Detected	7300	Not Detected
trans-1,2-Dichloroethene	740	Not Detected	3000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	740	Not Detected	2200	Not Detected
Tetrahydrofuran	740	Not Detected	2200	Not Detected
1,4-Dioxane	3000	Not Detected	11000	Not Detected
4-Methyl-2-pentanone	740	Not Detected	3000	Not Detected
2-Hexanone	3000	Not Detected	12000	Not Detected
Bromoform	740	Not Detected	7700	Not Detected
4-Ethyltoluene	740	Not Detected	3700	Not Detected
Ethanol	3000	Not Detected	5600	Not Detected
Methyl tert-butyl ether	740	Not Detected	2700	Not Detected
2,2,4-Trimethylpentane	740	Not Detected	3500	Not Detected
3-Chloropropene	3000	Not Detected	9300	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	86	70-130

Client Sample ID: OC-SG-048-VP29-030606

Lab ID#: 0603270A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031813**	**Date of Collection: 3/6/06**	
Dil. Factor:	**2290**	**Date of Analysis: 3/18/06 05:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1100	Not Detected	5700	Not Detected
Freon 114	1100	Not Detected	8000	Not Detected
Vinyl Chloride	1100	Not Detected	2900	Not Detected
Bromomethane	1100	Not Detected	4400	Not Detected
Chloroethane	1100	Not Detected	3000	Not Detected
Freon 11	1100	100000	6400	600000
1,1-Dichloroethene	1100	250000	4500	980000
Freon 113	1100	370000	8800	2800000
Methylene Chloride	1100	Not Detected	4000	Not Detected
1,1-Dichloroethane	1100	Not Detected	4600	Not Detected
cis-1,2-Dichloroethene	1100	Not Detected	4500	Not Detected
Chloroform	1100	Not Detected	5600	Not Detected
1,1,1-Trichloroethane	1100	Not Detected	6200	Not Detected
Carbon Tetrachloride	1100	Not Detected	7200	Not Detected
Benzene	1100	Not Detected	3600	Not Detected
1,2-Dichloroethane	1100	Not Detected	4600	Not Detected
Trichloroethene	1100	15000	6200	83000
1,2-Dichloropropane	1100	Not Detected	5300	Not Detected
cis-1,3-Dichloropropene	1100	Not Detected	5200	Not Detected
Toluene	1100	Not Detected	4300	Not Detected
trans-1,3-Dichloropropene	1100	Not Detected	5200	Not Detected
1,1,2-Trichloroethane	1100	Not Detected	6200	Not Detected
Tetrachloroethene	1100	24000	7800	160000
1,2-Dibromoethane (EDB)	1100	Not Detected	8800	Not Detected
Chlorobenzene	1100	Not Detected	5300	Not Detected
Ethyl Benzene	1100	Not Detected	5000	Not Detected
m,p-Xylene	1100	Not Detected	5000	Not Detected
o-Xylene	1100	Not Detected	5000	Not Detected
Styrene	1100	Not Detected	4900	Not Detected
1,1,2,2-Tetrachloroethane	1100	Not Detected	7900	Not Detected
1,3,5-Trimethylbenzene	1100	Not Detected	5600	Not Detected
1,2,4-Trimethylbenzene	1100	Not Detected	5600	Not Detected
1,3-Dichlorobenzene	1100	Not Detected	6900	Not Detected
1,4-Dichlorobenzene	1100	Not Detected	6900	Not Detected
alpha-Chlorotoluene	1100	Not Detected	5900	Not Detected
1,2-Dichlorobenzene	1100	Not Detected	6900	Not Detected
1,3-Butadiene	1100	Not Detected	2500	Not Detected
Hexane	1100	Not Detected	4000	Not Detected
Cyclohexane	1100	Not Detected	3900	Not Detected
Bromodichloromethane	1100	Not Detected	7700	Not Detected

Client Sample ID: OC-SG-048-VP29-030606

Lab ID#: 0603270A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031813**	**Date of Collection: 3/6/06**	
Dil. Factor:	**2290**	**Date of Analysis: 3/18/06 05:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1100	Not Detected	9800	Not Detected
Heptane	1100	Not Detected	4700	Not Detected
Cumene	1100	Not Detected	5600	Not Detected
Propylbenzene	1100	Not Detected	5600	Not Detected
Chloromethane	4600	Not Detected	9400	Not Detected
1,2,4-Trichlorobenzene	4600	Not Detected U J	34000	Not Detected U J
Hexachlorobutadiene	4600	Not Detected	49000	Not Detected
Acetone	4600	Not Detected	11000	Not Detected
Carbon Disulfide	1100	Not Detected	3600	Not Detected
2-Propanol	4600	Not Detected	11000	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	Not Detected	3400	Not Detected
Tetrahydrofuran	1100	Not Detected	3400	Not Detected
1,4-Dioxane	4600	Not Detected	16000	Not Detected
4-Methyl-2-pentanone	1100	Not Detected	4700	Not Detected
2-Hexanone	4600	Not Detected	19000	Not Detected
Bromoform	1100	Not Detected	12000	Not Detected
4-Ethyltoluene	1100	Not Detected	5600	Not Detected
Ethanol	4600	Not Detected	8600	Not Detected
Methyl tert-butyl ether	1100	Not Detected	4100	Not Detected
2,2,4-Trimethylpentane	1100	Not Detected	5300	Not Detected
3-Chloropropene	4600	Not Detected	14000	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	92	70-130

Client Sample ID: OC-SG-021.5-VP20-030606

Lab ID#: 0603270A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031819**	**Date of Collection: 3/6/06**	
Dil. Factor:	**247**	**Date of Analysis: 3/18/06 08:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	120	Not Detected	610	Not Detected
Freon 114	120	Not Detected	860	Not Detected
Vinyl Chloride	120	Not Detected	320	Not Detected
Bromomethane	120	Not Detected	480	Not Detected
Chloroethane	120	Not Detected	320	Not Detected
Freon 11	120	10000	690	59000
1,1-Dichloroethene	120	15000	490	59000
Freon 113	120	25000	950	190000
Methylene Chloride	120	Not Detected	430	Not Detected
1,1-Dichloroethane	120	Not Detected	500	Not Detected
cis-1,2-Dichloroethene	120	Not Detected	490	Not Detected
Chloroform	120	Not Detected	600	Not Detected
1,1,1-Trichloroethane	120	Not Detected	670	Not Detected
Carbon Tetrachloride	120	Not Detected	780	Not Detected
Benzene	120	Not Detected	390	Not Detected
1,2-Dichloroethane	120	Not Detected	500	Not Detected
Trichloroethene	120	1500	660	7900
1,2-Dichloropropane	120	Not Detected	570	Not Detected
cis-1,3-Dichloropropene	120	Not Detected	560	Not Detected
Toluene	120	Not Detected	460	Not Detected
trans-1,3-Dichloropropene	120	Not Detected	560	Not Detected
1,1,2-Trichloroethane	120	Not Detected	670	Not Detected
Tetrachloroethene	120	1000	840	7100
1,2-Dibromoethane (EDB)	120	Not Detected	950	Not Detected
Chlorobenzene	120	Not Detected	570	Not Detected
Ethyl Benzene	120	Not Detected	540	Not Detected
m,p-Xylene	120	Not Detected	540	Not Detected
o-Xylene	120	Not Detected	540	Not Detected
Styrene	120	Not Detected	530	Not Detected
1,1,2,2-Tetrachloroethane	120	Not Detected	850	Not Detected
1,3,5-Trimethylbenzene	120	Not Detected	610	Not Detected
1,2,4-Trimethylbenzene	120	Not Detected	610	Not Detected
1,3-Dichlorobenzene	120	Not Detected	740	Not Detected
1,4-Dichlorobenzene	120	Not Detected	740	Not Detected
alpha-Chlorotoluene	120	Not Detected	640	Not Detected
1,2-Dichlorobenzene	120	Not Detected	740	Not Detected
1,3-Butadiene	120	Not Detected	270	Not Detected
Hexane	120	Not Detected	440	Not Detected
Cyclohexane	120	Not Detected	420	Not Detected
Bromodichloromethane	120	Not Detected	830	Not Detected

Client Sample ID: OC-SG-021.5-VP20-030606

Lab ID#: 0603270A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031819**	**Date of Collection: 3/6/06**	
Dil. Factor:	**247**	**Date of Analysis: 3/18/06 08:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	120	Not Detected	1000	Not Detected
Heptane	120	Not Detected	510	Not Detected
Cumene	120	Not Detected	610	Not Detected
Propylbenzene	120	Not Detected	610	Not Detected
Chloromethane	490	Not Detected	1000	Not Detected
1,2,4-Trichlorobenzene	490	Not Detected U J	3700	Not Detected U J
Hexachlorobutadiene	490	Not Detected	5300	Not Detected
Acetone	490	Not Detected	1200	Not Detected
Carbon Disulfide	120	Not Detected	380	Not Detected
2-Propanol	490	Not Detected	1200	Not Detected
trans-1,2-Dichloroethene	120	Not Detected	490	Not Detected
2-Butanone (Methyl Ethyl Ketone)	120	Not Detected	360	Not Detected
Tetrahydrofuran	120	Not Detected	360	Not Detected
1,4-Dioxane	490	Not Detected	1800	Not Detected
4-Methyl-2-pentanone	120	Not Detected	500	Not Detected
2-Hexanone	490	Not Detected	2000	Not Detected
Bromoform	120	Not Detected	1300	Not Detected
4-Ethyltoluene	120	Not Detected	610	Not Detected
Ethanol	490	Not Detected	930	Not Detected
Methyl tert-butyl ether	120	Not Detected	440	Not Detected
2,2,4-Trimethylpentane	120	Not Detected	580	Not Detected
3-Chloropropene	490	Not Detected	1500	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	86	70-130

Client Sample ID: OC-SG-029-VP20-030606

Lab ID#: 0603270A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031815**	**Date of Collection: 3/6/06**	
Dil. Factor:	**279**	**Date of Analysis: 3/18/06 06:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	140	Not Detected	690	Not Detected
Freon 114	140	Not Detected	980	Not Detected
Vinyl Chloride	140	Not Detected	360	Not Detected
Bromomethane	140	Not Detected	540	Not Detected
Chloroethane	140	Not Detected	370	Not Detected
Freon 11	140	13000	780	72000
1,1-Dichloroethene	140	14000	550	56000
Freon 113	140	23000	1100	180000
Methylene Chloride	140	Not Detected	480	Not Detected
1,1-Dichloroethane	140	Not Detected	560	Not Detected
cis-1,2-Dichloroethene	140	Not Detected	550	Not Detected
Chloroform	140	Not Detected	680	Not Detected
1,1,1-Trichloroethane	140	Not Detected	760	Not Detected
Carbon Tetrachloride	140	Not Detected	880	Not Detected
Benzene	140	Not Detected	440	Not Detected
1,2-Dichloroethane	140	Not Detected	560	Not Detected
Trichloroethene	140	260	750	1400
1,2-Dichloropropane	140	Not Detected	640	Not Detected
cis-1,3-Dichloropropene	140	Not Detected	630	Not Detected
Toluene	140	Not Detected	520	Not Detected
trans-1,3-Dichloropropene	140	Not Detected	630	Not Detected
1,1,2-Trichloroethane	140	Not Detected	760	Not Detected
Tetrachloroethene	140	160	950	1100
1,2-Dibromoethane (EDB)	140	Not Detected	1100	Not Detected
Chlorobenzene	140	Not Detected	640	Not Detected
Ethyl Benzene	140	Not Detected	600	Not Detected
m,p-Xylene	140	Not Detected	600	Not Detected
o-Xylene	140	Not Detected	600	Not Detected
Styrene	140	Not Detected	590	Not Detected
1,1,2,2-Tetrachloroethane	140	Not Detected	960	Not Detected
1,3,5-Trimethylbenzene	140	Not Detected	680	Not Detected
1,2,4-Trimethylbenzene	140	Not Detected	680	Not Detected
1,3-Dichlorobenzene	140	Not Detected	840	Not Detected
1,4-Dichlorobenzene	140	Not Detected	840	Not Detected
alpha-Chlorotoluene	140	Not Detected	720	Not Detected
1,2-Dichlorobenzene	140	Not Detected	840	Not Detected
1,3-Butadiene	140	Not Detected	310	Not Detected
Hexane	140	Not Detected	490	Not Detected
Cyclohexane	140	Not Detected	480	Not Detected
Bromodichloromethane	140	Not Detected	930	Not Detected

Client Sample ID: OC-SG-029-VP20-030606

Lab ID#: 0603270A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031815**	**Date of Collection: 3/6/06**	
Dil. Factor:	**279**	**Date of Analysis: 3/18/06 06:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	140	Not Detected	1200	Not Detected
Heptane	140	Not Detected	570	Not Detected
Cumene	140	Not Detected	680	Not Detected
Propylbenzene	140	Not Detected	680	Not Detected
Chloromethane	560	Not Detected	1200	Not Detected
1,2,4-Trichlorobenzene	560	Not Detected U J	4100	Not Detected U J
Hexachlorobutadiene	560	Not Detected	6000	Not Detected
Acetone	560	Not Detected	1300	Not Detected
Carbon Disulfide	140	Not Detected	430	Not Detected
2-Propanol	560	Not Detected	1400	Not Detected
trans-1,2-Dichloroethene	140	Not Detected	550	Not Detected
2-Butanone (Methyl Ethyl Ketone)	140	Not Detected	410	Not Detected
Tetrahydrofuran	140	Not Detected	410	Not Detected
1,4-Dioxane	560	Not Detected	2000	Not Detected
4-Methyl-2-pentanone	140	Not Detected	570	Not Detected
2-Hexanone	560	Not Detected	2300	Not Detected
Bromoform	140	Not Detected	1400	Not Detected
4-Ethyltoluene	140	Not Detected	680	Not Detected
Ethanol	560	Not Detected	1000	Not Detected
Methyl tert-butyl ether	140	Not Detected	500	Not Detected
2,2,4-Trimethylpentane	140	Not Detected	650	Not Detected
3-Chloropropene	560	Not Detected	1700	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
2-Oxetanone, 4,4-dimethyl-	1823-52-5	53%	810 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	86	70-130

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Client Sample ID: OC-SG-051-VP20-030606

Lab ID#: 0603270A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031816**	**Date of Collection: 3/6/06**	
Dil. Factor:	**311**	**Date of Analysis: 3/18/06 06:57 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	160	Not Detected	770	Not Detected
Freon 114	160	Not Detected	1100	Not Detected
Vinyl Chloride	160	Not Detected	400	Not Detected
Bromomethane	160	Not Detected	600	Not Detected
Chloroethane	160	Not Detected	410	Not Detected
Freon 11	160	11000	870	61000
1,1-Dichloroethene	160	29000	620	110000
Freon 113	160	22000	1200	170000
Methylene Chloride	160	Not Detected	540	Not Detected
1,1-Dichloroethane	160	Not Detected	630	Not Detected
cis-1,2-Dichloroethene	160	Not Detected	620	Not Detected
Chloroform	160	Not Detected	760	Not Detected
1,1,1-Trichloroethane	160	Not Detected	850	Not Detected
Carbon Tetrachloride	160	Not Detected	980	Not Detected
Benzene	160	Not Detected	500	Not Detected
1,2-Dichloroethane	160	Not Detected	630	Not Detected
Trichloroethene	160	1300	840	6900
1,2-Dichloropropane	160	Not Detected	720	Not Detected
cis-1,3-Dichloropropene	160	Not Detected	700	Not Detected
Toluene	160	Not Detected	580	Not Detected
trans-1,3-Dichloropropene	160	Not Detected	700	Not Detected
1,1,2-Trichloroethane	160	Not Detected	850	Not Detected
Tetrachloroethene	160	980	1000	6600
1,2-Dibromoethane (EDB)	160	Not Detected	1200	Not Detected
Chlorobenzene	160	Not Detected	720	Not Detected
Ethyl Benzene	160	Not Detected	680	Not Detected
m,p-Xylene	160	Not Detected	680	Not Detected
o-Xylene	160	Not Detected	680	Not Detected
Styrene	160	Not Detected	660	Not Detected
1,1,2,2-Tetrachloroethane	160	Not Detected	1100	Not Detected
1,3,5-Trimethylbenzene	160	Not Detected	760	Not Detected
1,2,4-Trimethylbenzene	160	Not Detected	760	Not Detected
1,3-Dichlorobenzene	160	Not Detected	930	Not Detected
1,4-Dichlorobenzene	160	Not Detected	930	Not Detected
alpha-Chlorotoluene	160	Not Detected	800	Not Detected
1,2-Dichlorobenzene	160	Not Detected	930	Not Detected
1,3-Butadiene	160	Not Detected	340	Not Detected
Hexane	160	Not Detected	550	Not Detected
Cyclohexane	160	Not Detected	540	Not Detected
Bromodichloromethane	160	Not Detected	1000	Not Detected

Client Sample ID: OC-SG-051-VP20-030606

Lab ID#: 0603270A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031816**	**Date of Collection: 3/6/06**	
Dil. Factor:	**311**	**Date of Analysis: 3/18/06 06:57 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	160	Not Detected	1300	Not Detected
Heptane	160	Not Detected	640	Not Detected
Cumene	160	Not Detected	760	Not Detected
Propylbenzene	160	Not Detected	760	Not Detected
Chloromethane	620	Not Detected	1300	Not Detected
1,2,4-Trichlorobenzene	620	Not Detected U J	4600	Not Detected U J
Hexachlorobutadiene	620	Not Detected	6600	Not Detected
Acetone	620	Not Detected	1500	Not Detected
Carbon Disulfide	160	Not Detected	480	Not Detected
2-Propanol	620	Not Detected	1500	Not Detected
trans-1,2-Dichloroethene	160	Not Detected	620	Not Detected
2-Butanone (Methyl Ethyl Ketone)	160	Not Detected	460	Not Detected
Tetrahydrofuran	160	Not Detected	460	Not Detected
1,4-Dioxane	620	Not Detected	2200	Not Detected
4-Methyl-2-pentanone	160	Not Detected	640	Not Detected
2-Hexanone	620	Not Detected	2500	Not Detected
Bromoform	160	Not Detected	1600	Not Detected
4-Ethyltoluene	160	Not Detected	760	Not Detected
Ethanol	620	Not Detected	1200	Not Detected
Methyl tert-butyl ether	160	Not Detected	560	Not Detected
2,2,4-Trimethylpentane	160	Not Detected	730	Not Detected
3-Chloropropene	620	Not Detected	1900	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propyne, 3-bromo-	106-96-7	72%	2100 N J
Unknown	NA	NA	1100 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	88	70-130

Client Sample ID: OC-SG-027-VP24-030606

Lab ID#: 0603270A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031817**	**Date of Collection: 3/6/06**	
Dil. Factor:	**466**	**Date of Analysis: 3/18/06 07:26 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	230	640	1200	3200
Freon 114	230	Not Detected	1600	Not Detected
Vinyl Chloride	230	Not Detected	600	Not Detected
Bromomethane	230	Not Detected	900	Not Detected
Chloroethane	230	Not Detected	610	Not Detected
Freon 11	230	16000	1300	92000
1,1-Dichloroethene	230	7300	920	29000
Freon 113	230	77000	1800	590000
Methylene Chloride	230	Not Detected	810	Not Detected
1,1-Dichloroethane	230	Not Detected	940	Not Detected
cis-1,2-Dichloroethene	230	Not Detected	920	Not Detected
Chloroform	230	Not Detected	1100	Not Detected
1,1,1-Trichloroethane	230	Not Detected	1300	Not Detected
Carbon Tetrachloride	230	Not Detected	1500	Not Detected
Benzene	230	Not Detected	740	Not Detected
1,2-Dichloroethane	230	Not Detected	940	Not Detected
Trichloroethene	230	Not Detected	1200	Not Detected
1,2-Dichloropropane	230	Not Detected	1100	Not Detected
cis-1,3-Dichloropropene	230	Not Detected	1000	Not Detected
Toluene	230	Not Detected	880	Not Detected
trans-1,3-Dichloropropene	230	Not Detected	1000	Not Detected
1,1,2-Trichloroethane	230	Not Detected	1300	Not Detected
Tetrachloroethene	230	Not Detected	1600	Not Detected
1,2-Dibromoethane (EDB)	230	Not Detected	1800	Not Detected
Chlorobenzene	230	Not Detected	1100	Not Detected
Ethyl Benzene	230	Not Detected	1000	Not Detected
m,p-Xylene	230	Not Detected	1000	Not Detected
o-Xylene	230	Not Detected	1000	Not Detected
Styrene	230	Not Detected	990	Not Detected
1,1,2,2-Tetrachloroethane	230	Not Detected	1600	Not Detected
1,3,5-Trimethylbenzene	230	Not Detected	1100	Not Detected
1,2,4-Trimethylbenzene	230	Not Detected	1100	Not Detected
1,3-Dichlorobenzene	230	Not Detected	1400	Not Detected
1,4-Dichlorobenzene	230	Not Detected	1400	Not Detected
alpha-Chlorotoluene	230	Not Detected	1200	Not Detected
1,2-Dichlorobenzene	230	Not Detected	1400	Not Detected
1,3-Butadiene	230	Not Detected	520	Not Detected
Hexane	230	Not Detected	820	Not Detected
Cyclohexane	230	Not Detected	800	Not Detected
Bromodichloromethane	230	Not Detected	1600	Not Detected

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-027-VP24-030606

Lab ID#: 0603270A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031817**	**Date of Collection: 3/6/06**	
Dil. Factor:	**466**	**Date of Analysis: 3/18/06 07:26 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	230	Not Detected	2000	Not Detected
Heptane	230	Not Detected	950	Not Detected
Cumene	230	Not Detected	1100	Not Detected
Propylbenzene	230	Not Detected	1100	Not Detected
Chloromethane	930	Not Detected	1900	Not Detected
1,2,4-Trichlorobenzene	930	Not Detected U J	6900	Not Detected U J
Hexachlorobutadiene	930	Not Detected	9900	Not Detected
Acetone	930	Not Detected	2200	Not Detected
Carbon Disulfide	230	Not Detected	720	Not Detected
2-Propanol	930	Not Detected	2300	Not Detected
trans-1,2-Dichloroethene	230	Not Detected	920	Not Detected
2-Butanone (Methyl Ethyl Ketone)	230	Not Detected	690	Not Detected
Tetrahydrofuran	230	Not Detected	690	Not Detected
1,4-Dioxane	930	Not Detected	3400	Not Detected
4-Methyl-2-pentanone	230	Not Detected	950	Not Detected
2-Hexanone	930	Not Detected	3800	Not Detected
Bromoform	230	Not Detected	2400	Not Detected
4-Ethyltoluene	230	Not Detected	1100	Not Detected
Ethanol	930	Not Detected	1800	Not Detected
Methyl tert-butyl ether	230	Not Detected	840	Not Detected
2,2,4-Trimethylpentane	230	Not Detected	1100	Not Detected
3-Chloropropene	930	Not Detected	2900	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propen-1-one, 2-methyl-	598-26-5	74%	2900 N J
2-Butene, (Z)-	590-18-1	64%	1200 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	92	70-130

Client Sample ID: OC-SG-027-VP24-030606 Duplicate

Lab ID#: 0603270A-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031818**	**Date of Collection: 3/6/06**	
Dil. Factor:	**466**	**Date of Analysis: 3/18/06 07:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	230	570	1200	2800
Freon 114	230	Not Detected	1600	Not Detected
Vinyl Chloride	230	Not Detected	600	Not Detected
Bromomethane	230	Not Detected	900	Not Detected
Chloroethane	230	Not Detected	610	Not Detected
Freon 11	230	16000	1300	91000
1,1-Dichloroethene	230	7200	920	29000
Freon 113	230	76000	1800	590000
Methylene Chloride	230	Not Detected	810	Not Detected
1,1-Dichloroethane	230	Not Detected	940	Not Detected
cis-1,2-Dichloroethene	230	Not Detected	920	Not Detected
Chloroform	230	Not Detected	1100	Not Detected
1,1,1-Trichloroethane	230	Not Detected	1300	Not Detected
Carbon Tetrachloride	230	Not Detected	1500	Not Detected
Benzene	230	Not Detected	740	Not Detected
1,2-Dichloroethane	230	Not Detected	940	Not Detected
Trichloroethene	230	Not Detected	1200	Not Detected
1,2-Dichloropropane	230	Not Detected	1100	Not Detected
cis-1,3-Dichloropropene	230	Not Detected	1000	Not Detected
Toluene	230	Not Detected	880	Not Detected
trans-1,3-Dichloropropene	230	Not Detected	1000	Not Detected
1,1,2-Trichloroethane	230	Not Detected	1300	Not Detected
Tetrachloroethene	230	Not Detected	1600	Not Detected
1,2-Dibromoethane (EDB)	230	Not Detected	1800	Not Detected
Chlorobenzene	230	Not Detected	1100	Not Detected
Ethyl Benzene	230	Not Detected	1000	Not Detected
m,p-Xylene	230	Not Detected	1000	Not Detected
o-Xylene	230	Not Detected	1000	Not Detected
Styrene	230	Not Detected	990	Not Detected
1,1,2,2-Tetrachloroethane	230	Not Detected	1600	Not Detected
1,3,5-Trimethylbenzene	230	Not Detected	1100	Not Detected
1,2,4-Trimethylbenzene	230	Not Detected	1100	Not Detected
1,3-Dichlorobenzene	230	Not Detected	1400	Not Detected
1,4-Dichlorobenzene	230	Not Detected	1400	Not Detected
alpha-Chlorotoluene	230	Not Detected	1200	Not Detected
1,2-Dichlorobenzene	230	Not Detected	1400	Not Detected
1,3-Butadiene	230	Not Detected	520	Not Detected
Hexane	230	Not Detected	820	Not Detected
Cyclohexane	230	Not Detected	800	Not Detected
Bromodichloromethane	230	Not Detected	1600	Not Detected

Client Sample ID: OC-SG-027-VP24-030606 Duplicate

Lab ID#: 0603270A-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031818**	**Date of Collection: 3/6/06**	
Dil. Factor:	**466**	**Date of Analysis: 3/18/06 07:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	230	Not Detected	2000	Not Detected
Heptane	230	Not Detected	950	Not Detected
Cumene	230	Not Detected	1100	Not Detected
Propylbenzene	230	Not Detected	1100	Not Detected
Chloromethane	930	Not Detected	1900	Not Detected
1,2,4-Trichlorobenzene	930	Not Detected U J	6900	Not Detected U J
Hexachlorobutadiene	930	Not Detected	9900	Not Detected
Acetone	930	Not Detected	2200	Not Detected
Carbon Disulfide	230	Not Detected	720	Not Detected
2-Propanol	930	Not Detected	2300	Not Detected
trans-1,2-Dichloroethene	230	Not Detected	920	Not Detected
2-Butanone (Methyl Ethyl Ketone)	230	Not Detected	690	Not Detected
Tetrahydrofuran	230	Not Detected	690	Not Detected
1,4-Dioxane	930	Not Detected	3400	Not Detected
4-Methyl-2-pentanone	230	Not Detected	950	Not Detected
2-Hexanone	930	Not Detected	3800	Not Detected
Bromoform	230	Not Detected	2400	Not Detected
4-Ethyltoluene	230	Not Detected	1100	Not Detected
Ethanol	930	Not Detected	1800	Not Detected
Methyl tert-butyl ether	230	Not Detected	840	Not Detected
2,2,4-Trimethylpentane	230	Not Detected	1100	Not Detected
3-Chloropropene	930	Not Detected	2900	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propen-1-one, 2-methyl-	598-26-5	9.0%	2700 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: OC-SG-035-VP24-030606

Lab ID#: 0603270A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032013**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3110**	**Date of Analysis: 3/20/06 06:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1600	3100	7700	15000
Freon 114	1600	Not Detected	11000	Not Detected
Vinyl Chloride	1600	Not Detected	4000	Not Detected
Bromomethane	1600	Not Detected	6000	Not Detected
Chloroethane	1600	Not Detected	4100	Not Detected
Freon 11	1600	89000	8700	500000
1,1-Dichloroethene	1600	39000	6200	150000
Freon 113	1600	550000	12000	4200000
Methylene Chloride	1600	Not Detected	5400	Not Detected
1,1-Dichloroethane	1600	Not Detected	6300	Not Detected
cis-1,2-Dichloroethene	1600	Not Detected	6200	Not Detected
Chloroform	1600	Not Detected	7600	Not Detected
1,1,1-Trichloroethane	1600	Not Detected	8500	Not Detected
Carbon Tetrachloride	1600	Not Detected	9800	Not Detected
Benzene	1600	Not Detected	5000	Not Detected
1,2-Dichloroethane	1600	Not Detected	6300	Not Detected
Trichloroethene	1600	Not Detected	8400	Not Detected
1,2-Dichloropropane	1600	Not Detected	7200	Not Detected
cis-1,3-Dichloropropene	1600	Not Detected	7000	Not Detected
Toluene	1600	Not Detected	5800	Not Detected
trans-1,3-Dichloropropene	1600	Not Detected	7000	Not Detected
1,1,2-Trichloroethane	1600	Not Detected	8500	Not Detected
Tetrachloroethene	1600	Not Detected	10000	Not Detected
1,2-Dibromoethane (EDB)	1600	Not Detected	12000	Not Detected
Chlorobenzene	1600	Not Detected	7200	Not Detected
Ethyl Benzene	1600	Not Detected	6800	Not Detected
m,p-Xylene	1600	Not Detected	6800	Not Detected
o-Xylene	1600	Not Detected	6800	Not Detected
Styrene	1600	Not Detected	6600	Not Detected
1,1,2,2-Tetrachloroethane	1600	Not Detected	11000	Not Detected
1,3,5-Trimethylbenzene	1600	Not Detected	7600	Not Detected
1,2,4-Trimethylbenzene	1600	Not Detected	7600	Not Detected
1,3-Dichlorobenzene	1600	Not Detected	9300	Not Detected
1,4-Dichlorobenzene	1600	Not Detected	9300	Not Detected
alpha-Chlorotoluene	1600	Not Detected	8000	Not Detected
1,2-Dichlorobenzene	1600	Not Detected	9300	Not Detected
1,3-Butadiene	1600	Not Detected	3400	Not Detected
Hexane	1600	Not Detected	5500	Not Detected
Cyclohexane	1600	Not Detected	5400	Not Detected
Bromodichloromethane	1600	Not Detected	10000	Not Detected

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-035-VP24-030606

Lab ID#: 0603270A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032013**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3110**	**Date of Analysis: 3/20/06 06:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1600	Not Detected	13000	Not Detected
Heptane	1600	Not Detected	6400	Not Detected
Cumene	1600	Not Detected	7600	Not Detected
Propylbenzene	1600	Not Detected	7600	Not Detected
Chloromethane	6200	Not Detected	13000	Not Detected
1,2,4-Trichlorobenzene	6200	Not Detected	46000	Not Detected
Hexachlorobutadiene	6200	Not Detected	66000	Not Detected
Acetone	6200	Not Detected	15000	Not Detected
Carbon Disulfide	1600	Not Detected	4800	Not Detected
2-Propanol	6200	Not Detected	15000	Not Detected
trans-1,2-Dichloroethene	1600	Not Detected	6200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1600	Not Detected	4600	Not Detected
Tetrahydrofuran	1600	Not Detected	4600	Not Detected
1,4-Dioxane	6200	Not Detected	22000	Not Detected
4-Methyl-2-pentanone	1600	Not Detected	6400	Not Detected
2-Hexanone	6200	Not Detected	25000	Not Detected
Bromoform	1600	Not Detected	16000	Not Detected
4-Ethyltoluene	1600	Not Detected	7600	Not Detected
Ethanol	6200	Not Detected	12000	Not Detected
Methyl tert-butyl ether	1600	Not Detected	5600	Not Detected
2,2,4-Trimethylpentane	1600	Not Detected	7300	Not Detected
3-Chloropropene	6200	Not Detected	19000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Hexadecane, 7,9-dimethyl-	21164-95-4	74%	13000 N J
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	70%	10000 N J
Nonane, 4,5-dimethyl-	17302-23-7	72%	9400 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	98	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-039-VP24-030606

Lab ID#: 0603270A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032014**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3050**	**Date of Analysis: 3/20/06 07:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	2900	7500	14000
Freon 114	1500	Not Detected	11000	Not Detected
Vinyl Chloride	1500	Not Detected	3900	Not Detected
Bromomethane	1500	Not Detected	5900	Not Detected
Chloroethane	1500	Not Detected	4000	Not Detected
Freon 11	1500	84000	8600	470000
1,1-Dichloroethene	1500	36000	6000	140000
Freon 113	1500	450000	12000	3500000
Methylene Chloride	1500	Not Detected	5300	Not Detected
1,1-Dichloroethane	1500	Not Detected	6200	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	6000	Not Detected
Chloroform	1500	Not Detected	7400	Not Detected
1,1,1-Trichloroethane	1500	Not Detected	8300	Not Detected
Carbon Tetrachloride	1500	Not Detected	9600	Not Detected
Benzene	1500	Not Detected	4900	Not Detected
1,2-Dichloroethane	1500	Not Detected	6200	Not Detected
Trichloroethene	1500	Not Detected	8200	Not Detected
1,2-Dichloropropane	1500	Not Detected	7000	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	6900	Not Detected
Toluene	1500	Not Detected	5700	Not Detected
trans-1,3-Dichloropropene	1500	Not Detected	6900	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8300	Not Detected
Tetrachloroethene	1500	Not Detected	10000	Not Detected
1,2-Dibromoethane (EDB)	1500	Not Detected	12000	Not Detected
Chlorobenzene	1500	Not Detected	7000	Not Detected
Ethyl Benzene	1500	Not Detected	6600	Not Detected
m,p-Xylene	1500	Not Detected	6600	Not Detected
o-Xylene	1500	Not Detected	6600	Not Detected
Styrene	1500	Not Detected	6500	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	10000	Not Detected
1,3,5-Trimethylbenzene	1500	Not Detected	7500	Not Detected
1,2,4-Trimethylbenzene	1500	Not Detected	7500	Not Detected
1,3-Dichlorobenzene	1500	Not Detected	9200	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	9200	Not Detected
alpha-Chlorotoluene	1500	Not Detected	7900	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	9200	Not Detected
1,3-Butadiene	1500	Not Detected	3400	Not Detected
Hexane	1500	Not Detected	5400	Not Detected
Cyclohexane	1500	Not Detected	5200	Not Detected
Bromodichloromethane	1500	Not Detected	10000	Not Detected

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Client Sample ID: OC-SG-039-VP24-030606

Lab ID#: 0603270A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032014**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3050**	**Date of Analysis: 3/20/06 07:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1500	Not Detected	13000	Not Detected
Heptane	1500	Not Detected	6200	Not Detected
Cumene	1500	Not Detected	7500	Not Detected
Propylbenzene	1500	Not Detected	7500	Not Detected
Chloromethane	6100	Not Detected	12000	Not Detected
1,2,4-Trichlorobenzene	6100	Not Detected	45000	Not Detected
Hexachlorobutadiene	6100	Not Detected	65000	Not Detected
Acetone	6100	Not Detected	14000	Not Detected
Carbon Disulfide	1500	2200	4700	6800
2-Propanol	6100	12000	15000	29000
trans-1,2-Dichloroethene	1500	Not Detected	6000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4500	Not Detected
Tetrahydrofuran	1500	Not Detected	4500	Not Detected
1,4-Dioxane	6100	Not Detected	22000	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6200	Not Detected
2-Hexanone	6100	Not Detected	25000	Not Detected
Bromoform	1500	Not Detected	16000	Not Detected
4-Ethyltoluene	1500	Not Detected	7500	Not Detected
Ethanol	6100	Not Detected	11000	Not Detected
Methyl tert-butyl ether	1500	Not Detected	5500	Not Detected
2,2,4-Trimethylpentane	1500	Not Detected	7100	Not Detected
3-Chloropropene	6100	Not Detected	19000	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: OC-SG-025-VP25-030606

Lab ID#: 0603270A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031822**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3.41**	**Date of Analysis: 3/18/06 10:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.7	2.3	8.4	12
Freon 114	1.7	Not Detected	12	Not Detected
Vinyl Chloride	1.7	Not Detected	4.4	Not Detected
Bromomethane	1.7	Not Detected	6.6	Not Detected
Chloroethane	1.7	Not Detected	4.5	Not Detected
Freon 11	1.7	310	9.6	1800
1,1-Dichloroethene	1.7	240	6.8	960
Freon 113	1.7	430	13	3300
Methylene Chloride	1.7	2.7	5.9	9.2
1,1-Dichloroethane	1.7	Not Detected	6.9	Not Detected
cis-1,2-Dichloroethene	1.7	Not Detected	6.8	Not Detected
Chloroform	1.7	2.8	8.3	13
1,1,1-Trichloroethane	1.7	Not Detected	9.3	Not Detected
Carbon Tetrachloride	1.7	Not Detected	11	Not Detected
Benzene	1.7	9.1	5.4	29
1,2-Dichloroethane	1.7	Not Detected	6.9	Not Detected
Trichloroethene	1.7	250	9.2	1400
1,2-Dichloropropane	1.7	Not Detected	7.9	Not Detected
cis-1,3-Dichloropropene	1.7	Not Detected	7.7	Not Detected
Toluene	1.7	21	6.4	80
trans-1,3-Dichloropropene	1.7	Not Detected	7.7	Not Detected
1,1,2-Trichloroethane	1.7	Not Detected	9.3	Not Detected
Tetrachloroethene	1.7	42	12	280
1,2-Dibromoethane (EDB)	1.7	Not Detected	13	Not Detected
Chlorobenzene	1.7	Not Detected	7.8	Not Detected
Ethyl Benzene	1.7	2.5	7.4	11
m,p-Xylene	1.7	7.4	7.4	32
o-Xylene	1.7	2.9	7.4	12
Styrene	1.7	Not Detected	7.3	Not Detected
1,1,2,2-Tetrachloroethane	1.7	Not Detected	12	Not Detected
1,3,5-Trimethylbenzene	1.7	Not Detected	8.4	Not Detected
1,2,4-Trimethylbenzene	1.7	Not Detected	8.4	Not Detected
1,3-Dichlorobenzene	1.7	Not Detected	10	Not Detected
1,4-Dichlorobenzene	1.7	Not Detected	10	Not Detected
alpha-Chlorotoluene	1.7	Not Detected	8.8	Not Detected
1,2-Dichlorobenzene	1.7	Not Detected	10	Not Detected
1,3-Butadiene	1.7	13	3.8	29
Hexane	1.7	13	6.0	47
Cyclohexane	1.7	1.7	5.9	5.9
Bromodichloromethane	1.7	Not Detected	11	Not Detected

Client Sample ID: OC-SG-025-VP25-030606

Lab ID#: 0603270A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031822**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3.41**	**Date of Analysis: 3/18/06 10:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.7	Not Detected	14	Not Detected
Heptane	1.7	7.9	7.0	32
Cumene	1.7	Not Detected	8.4	Not Detected
Propylbenzene	1.7	Not Detected	8.4	Not Detected
Chloromethane	6.8	Not Detected	14	Not Detected
1,2,4-Trichlorobenzene	6.8	Not Detected U J	51	Not Detected U J
Hexachlorobutadiene	6.8	Not Detected	73	Not Detected
Acetone	6.8	150	16	360
Carbon Disulfide	1.7	Not Detected	5.3	Not Detected
2-Propanol	6.8	Not Detected	17	Not Detected
trans-1,2-Dichloroethene	1.7	Not Detected	6.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.7	26	5.0	76
Tetrahydrofuran	1.7	Not Detected	5.0	Not Detected
1,4-Dioxane	6.8	Not Detected	24	Not Detected
4-Methyl-2-pentanone	1.7	3.8	7.0	15
2-Hexanone	6.8	Not Detected	28	Not Detected
Bromoform	1.7	Not Detected	18	Not Detected
4-Ethyltoluene	1.7	Not Detected	8.4	Not Detected
Ethanol	6.8	10	13	20
Methyl tert-butyl ether	1.7	5.3	6.1	19
2,2,4-Trimethylpentane	1.7	10	8.0	47
3-Chloropropene	6.8	Not Detected	21	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene	115-07-1	72%	220 N J
2-Butene, (Z)-	590-18-1	80%	140 N J
Unknown	NA	NA	63 J
2-Pentene, 5-butoxy-, (E)-	54004-23-8	22%	85 N J
1-Octene, 3-ethyl-	74630-08-3	91%	130 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	78%	84 N J
Tridecane	629-50-5	83%	62 N J
Hexane, 2,2,4-trimethyl-	16747-26-5	64%	150 N J
Unknown	NA	NA	110 J
Unknown	NA	NA	290 J

Container Type: 1 Liter Summa Canister

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-025-VP25-030606

Lab ID#: 0603270A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031822**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3.41**	**Date of Analysis: 3/18/06 10:15 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	96	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-029-VP25-030606

Lab ID#: 0603270A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031823**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3.73**	**Date of Analysis: 3/18/06 10:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.9	2.7	9.2	14
Freon 114	1.9	Not Detected	13	Not Detected
Vinyl Chloride	1.9	Not Detected	4.8	Not Detected
Bromomethane	1.9	Not Detected	7.2	Not Detected
Chloroethane	1.9	Not Detected	4.9	Not Detected
Freon 11	1.9	410	10	2300
1,1-Dichloroethene	1.9	260	7.4	1000
Freon 113	1.9	500	14	3800
Methylene Chloride	1.9	3.2	6.5	11
1,1-Dichloroethane	1.9	Not Detected	7.5	Not Detected
cis-1,2-Dichloroethene	1.9	Not Detected	7.4	Not Detected
Chloroform	1.9	Not Detected	9.1	Not Detected
1,1,1-Trichloroethane	1.9	Not Detected	10	Not Detected
Carbon Tetrachloride	1.9	Not Detected	12	Not Detected
Benzene	1.9	6.0	6.0	19
1,2-Dichloroethane	1.9	Not Detected	7.5	Not Detected
Trichloroethene	1.9	360	10	1900
1,2-Dichloropropane	1.9	Not Detected	8.6	Not Detected
cis-1,3-Dichloropropene	1.9	Not Detected	8.5	Not Detected
Toluene	1.9	Not Detected	7.0	Not Detected
trans-1,3-Dichloropropene	1.9	Not Detected	8.5	Not Detected
1,1,2-Trichloroethane	1.9	Not Detected	10	Not Detected
Tetrachloroethene	1.9	110	13	730
1,2-Dibromoethane (EDB)	1.9	Not Detected	14	Not Detected
Chlorobenzene	1.9	Not Detected	8.6	Not Detected
Ethyl Benzene	1.9	1.8 J	8.1	8.0 J
m,p-Xylene	1.9	6.3	8.1	27
o-Xylene	1.9	2.6	8.1	11
Styrene	1.9	Not Detected	7.9	Not Detected
1,1,2,2-Tetrachloroethane	1.9	Not Detected	13	Not Detected
1,3,5-Trimethylbenzene	1.9	Not Detected	9.2	Not Detected
1,2,4-Trimethylbenzene	1.9	Not Detected	9.2	Not Detected
1,3-Dichlorobenzene	1.9	Not Detected	11	Not Detected
1,4-Dichlorobenzene	1.9	Not Detected	11	Not Detected
alpha-Chlorotoluene	1.9	Not Detected	9.6	Not Detected
1,2-Dichlorobenzene	1.9	Not Detected	11	Not Detected
1,3-Butadiene	1.9	4.7	4.1	10
Hexane	1.9	16	6.6	58
Cyclohexane	1.9	3.5	6.4	12
Bromodichloromethane	1.9	Not Detected	12	Not Detected

Client Sample ID: OC-SG-029-VP25-030606

Lab ID#: 0603270A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031823**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3.73**	**Date of Analysis: 3/18/06 10:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.9	Not Detected	16	Not Detected
Heptane	1.9	4.5	7.6	18
Cumene	1.9	Not Detected	9.2	Not Detected
Propylbenzene	1.9	Not Detected	9.2	Not Detected
Chloromethane	7.5	Not Detected	15	Not Detected
1,2,4-Trichlorobenzene	7.5	Not Detected U J	55	Not Detected U J
Hexachlorobutadiene	7.5	Not Detected	80	Not Detected
Acetone	7.5	80	18	190
Carbon Disulfide	1.9	6.0	5.8	19
2-Propanol	7.5	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	1.9	Not Detected	7.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.9	21	5.5	61
Tetrahydrofuran	1.9	Not Detected	5.5	Not Detected
1,4-Dioxane	7.5	Not Detected	27	Not Detected
4-Methyl-2-pentanone	1.9	Not Detected	7.6	Not Detected
2-Hexanone	7.5	Not Detected	30	Not Detected
Bromoform	1.9	Not Detected	19	Not Detected
4-Ethyltoluene	1.9	Not Detected	9.2	Not Detected
Ethanol	7.5	Not Detected	14	Not Detected
Methyl tert-butyl ether	1.9	5.8	6.7	21
2,2,4-Trimethylpentane	1.9	4.0	8.7	18
3-Chloropropene	7.5	Not Detected	23	Not Detected

J = Estimated value.
UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene	115-07-1	47%	140 N J
2-Butene, (Z)-	590-18-1	86%	72 N J
Unknown	NA	NA	76 J
Pentane, 2-methyl-	107-83-5	87%	54 N J
TRIFLUOROACETYL-CITRONELLOL	0-00-0	64%	120 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	64%	110 N J
Nonane, 3,7-dimethyl-	17302-32-8	68%	76 N J
Unknown	NA	NA	100 J
Unknown	NA	NA	140 J
Unknown	NA	NA	380 J

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Client Sample ID: OC-SG-029-VP25-030606

Lab ID#: 0603270A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031823**	**Date of Collection: 3/6/06**	
Dil. Factor:	**3.73**	**Date of Analysis: 3/18/06 10:54 PM**	

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: OC-SG-036-VP25-030606

Lab ID#: 0603270A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031824**	**Date of Collection: 3/6/06**	
Dil. Factor:	**2.33**	**Date of Analysis: 3/18/06 11:37 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	1.4	5.8	7.2
Freon 114	1.2	Not Detected	8.1	Not Detected
Vinyl Chloride	1.2	Not Detected	3.0	Not Detected
Bromomethane	1.2	Not Detected	4.5	Not Detected
Chloroethane	1.2	Not Detected	3.1	Not Detected
Freon 11	1.2	130	6.5	710
1,1-Dichloroethene	1.2	98	4.6	390
Freon 113	1.2	170	8.9	1300
Methylene Chloride	1.2	3.8	4.0	13
1,1-Dichloroethane	1.2	Not Detected	4.7	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.6	Not Detected
Chloroform	1.2	1.2	5.7	5.7
1,1,1-Trichloroethane	1.2	Not Detected	6.4	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.3	Not Detected
Benzene	1.2	6.3	3.7	20
1,2-Dichloroethane	1.2	Not Detected	4.7	Not Detected
Trichloroethene	1.2	160	6.3	840
1,2-Dichloropropane	1.2	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.3	Not Detected
Toluene	1.2	18	4.4	66
trans-1,3-Dichloropropene	1.2	Not Detected	5.3	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.4	Not Detected
Tetrachloroethene	1.2	48	7.9	330
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.0	Not Detected
Chlorobenzene	1.2	Not Detected	5.4	Not Detected
Ethyl Benzene	1.2	4.3	5.0	19
m,p-Xylene	1.2	14	5.0	59
o-Xylene	1.2	5.1	5.0	22
Styrene	1.2	Not Detected	5.0	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.0	Not Detected
1,3,5-Trimethylbenzene	1.2	2.0	5.7	10
1,2,4-Trimethylbenzene	1.2	4.9	5.7	24
1,3-Dichlorobenzene	1.2	Not Detected	7.0	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.0	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.0	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.0	Not Detected
1,3-Butadiene	1.2	4.2	2.6	9.2
Hexane	1.2	27	4.1	94
Cyclohexane	1.2	4.8	4.0	16
Bromodichloromethane	1.2	Not Detected	7.8	Not Detected

Client Sample ID: OC-SG-036-VP25-030606

Lab ID#: 0603270A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031824**	**Date of Collection: 3/6/06**	
Dil. Factor:	**2.33**	**Date of Analysis: 3/18/06 11:37 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.2	Not Detected	9.9	Not Detected
Heptane	1.2	4.3	4.8	18
Cumene	1.2	Not Detected	5.7	Not Detected
Propylbenzene	1.2	Not Detected	5.7	Not Detected
Chloromethane	4.7	Not Detected	9.6	Not Detected
1,2,4-Trichlorobenzene	4.7	Not Detected U J	34	Not Detected U J
Hexachlorobutadiene	4.7	Not Detected	50	Not Detected
Acetone	4.7	76	11	180
Carbon Disulfide	1.2	8.9	3.6	28
2-Propanol	4.7	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	35	3.4	100
Tetrahydrofuran	1.2	Not Detected	3.4	Not Detected
1,4-Dioxane	4.7	6.5	17	23
4-Methyl-2-pentanone	1.2	2.6	4.8	10
2-Hexanone	4.7	Not Detected	19	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
4-Ethyltoluene	1.2	2.8	5.7	14
Ethanol	4.7	6.4	8.8	12
Methyl tert-butyl ether	1.2	12	4.2	42
2,2,4-Trimethylpentane	1.2	5.3	5.4	25
3-Chloropropene	4.7	Not Detected	14	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene	115-07-1	59%	110 N J
2-Butene, (Z)-	590-18-1	72%	79 N J
Acetaldehyde	75-07-0	86%	74 N J
Butane, 2,3-dimethyl-	79-29-8	58%	110 N J
1-Octene, 3-ethyl-	74630-08-3	91%	110 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	38%	91 N J
Pentadecane	629-62-9	72%	89 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	64%	220 N J
Unknown	NA	NA	140 J
Unknown	NA	NA	220 J

Container Type: 1 Liter Summa Canister

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-036-VP25-030606

Lab ID#: 0603270A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031824**	**Date of Collection: 3/6/06**	
Dil. Factor:	**2.33**	**Date of Analysis: 3/18/06 11:37 PM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	94	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-020-VP28-030706

Lab ID#: 0603270A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031825**	**Date of Collection: 3/7/06**	
Dil. Factor:	**498**	**Date of Analysis: 3/19/06 12:14 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	250	290	1200	1400
Freon 114	250	Not Detected	1700	Not Detected
Vinyl Chloride	250	Not Detected	640	Not Detected
Bromomethane	250	Not Detected	970	Not Detected
Chloroethane	250	Not Detected	660	Not Detected
Freon 11	250	25000	1400	140000
1,1-Dichloroethene	250	48000	990	190000
Freon 113	250	79000	1900	600000
Methylene Chloride	250	Not Detected	860	Not Detected
1,1-Dichloroethane	250	Not Detected	1000	Not Detected
cis-1,2-Dichloroethene	250	Not Detected	990	Not Detected
Chloroform	250	Not Detected	1200	Not Detected
1,1,1-Trichloroethane	250	Not Detected	1400	Not Detected
Carbon Tetrachloride	250	Not Detected	1600	Not Detected
Benzene	250	Not Detected	800	Not Detected
1,2-Dichloroethane	250	Not Detected	1000	Not Detected
Trichloroethene	250	Not Detected	1300	Not Detected
1,2-Dichloropropane	250	Not Detected	1200	Not Detected
cis-1,3-Dichloropropene	250	Not Detected	1100	Not Detected
Toluene	250	Not Detected	940	Not Detected
trans-1,3-Dichloropropene	250	Not Detected	1100	Not Detected
1,1,2-Trichloroethane	250	Not Detected	1400	Not Detected
Tetrachloroethene	250	320	1700	2100
1,2-Dibromoethane (EDB)	250	Not Detected	1900	Not Detected
Chlorobenzene	250	Not Detected	1100	Not Detected
Ethyl Benzene	250	Not Detected	1100	Not Detected
m,p-Xylene	250	Not Detected	1100	Not Detected
o-Xylene	250	Not Detected	1100	Not Detected
Styrene	250	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	250	Not Detected	1700	Not Detected
1,3,5-Trimethylbenzene	250	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	250	Not Detected	1200	Not Detected
1,3-Dichlorobenzene	250	Not Detected	1500	Not Detected
1,4-Dichlorobenzene	250	Not Detected	1500	Not Detected
alpha-Chlorotoluene	250	Not Detected	1300	Not Detected
1,2-Dichlorobenzene	250	Not Detected	1500	Not Detected
1,3-Butadiene	250	Not Detected	550	Not Detected
Hexane	250	Not Detected	880	Not Detected
Cyclohexane	250	Not Detected	860	Not Detected
Bromodichloromethane	250	Not Detected	1700	Not Detected

Client Sample ID: OC-SG-020-VP28-030706

Lab ID#: 0603270A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031825**	**Date of Collection: 3/7/06**	
Dil. Factor:	**498**	**Date of Analysis: 3/19/06 12:14 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	250	Not Detected	2100	Not Detected
Heptane	250	Not Detected	1000	Not Detected
Cumene	250	Not Detected	1200	Not Detected
Propylbenzene	250	Not Detected	1200	Not Detected
Chloromethane	1000	Not Detected	2000	Not Detected
1,2,4-Trichlorobenzene	1000	Not Detected U J	7400	Not Detected U J
Hexachlorobutadiene	1000	Not Detected	11000	Not Detected
Acetone	1000	Not Detected	2400	Not Detected
Carbon Disulfide	250	Not Detected	780	Not Detected
2-Propanol	1000	Not Detected	2400	Not Detected
trans-1,2-Dichloroethene	250	Not Detected	990	Not Detected
2-Butanone (Methyl Ethyl Ketone)	250	Not Detected	730	Not Detected
Tetrahydrofuran	250	Not Detected	730	Not Detected
1,4-Dioxane	1000	Not Detected	3600	Not Detected
4-Methyl-2-pentanone	250	Not Detected	1000	Not Detected
2-Hexanone	1000	Not Detected	4100	Not Detected
Bromoform	250	Not Detected	2600	Not Detected
4-Ethyltoluene	250	Not Detected	1200	Not Detected
Ethanol	1000	Not Detected	1900	Not Detected
Methyl tert-butyl ether	250	Not Detected	900	Not Detected
2,2,4-Trimethylpentane	250	Not Detected	1200	Not Detected
3-Chloropropene	1000	Not Detected	3100	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: OC-SG-029-VP28-030706

Lab ID#: 0603270A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031826**	**Date of Collection: 3/7/06**	
Dil. Factor:	**45.8**	**Date of Analysis: 3/19/06 12:44 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	23	68	110	340
Freon 114	23	Not Detected	160	Not Detected
Vinyl Chloride	23	Not Detected	58	Not Detected
Bromomethane	23	Not Detected	89	Not Detected
Chloroethane	23	Not Detected	60	Not Detected
Freon 11	23	1600	130	9000
1,1-Dichloroethene	23	4300	91	17000
Freon 113	23	2500	180	19000
Methylene Chloride	23	Not Detected	80	Not Detected
1,1-Dichloroethane	23	Not Detected	93	Not Detected
cis-1,2-Dichloroethene	23	Not Detected	91	Not Detected
Chloroform	23	Not Detected	110	Not Detected
1,1,1-Trichloroethane	23	Not Detected	120	Not Detected
Carbon Tetrachloride	23	Not Detected	140	Not Detected
Benzene	23	Not Detected	73	Not Detected
1,2-Dichloroethane	23	Not Detected	93	Not Detected
Trichloroethene	23	94	120	500
1,2-Dichloropropane	23	Not Detected	100	Not Detected
cis-1,3-Dichloropropene	23	Not Detected	100	Not Detected
Toluene	23	23	86	86
trans-1,3-Dichloropropene	23	Not Detected	100	Not Detected
1,1,2-Trichloroethane	23	Not Detected	120	Not Detected
Tetrachloroethene	23	240	160	1600
1,2-Dibromoethane (EDB)	23	Not Detected	180	Not Detected
Chlorobenzene	23	Not Detected	100	Not Detected
Ethyl Benzene	23	Not Detected	99	Not Detected
m,p-Xylene	23	Not Detected	99	Not Detected
o-Xylene	23	Not Detected	99	Not Detected
Styrene	23	Not Detected	98	Not Detected
1,1,2,2-Tetrachloroethane	23	Not Detected	160	Not Detected
1,3,5-Trimethylbenzene	23	Not Detected	110	Not Detected
1,2,4-Trimethylbenzene	23	Not Detected	110	Not Detected
1,3-Dichlorobenzene	23	Not Detected	140	Not Detected
1,4-Dichlorobenzene	23	Not Detected	140	Not Detected
alpha-Chlorotoluene	23	Not Detected	120	Not Detected
1,2-Dichlorobenzene	23	Not Detected	140	Not Detected
1,3-Butadiene	23	Not Detected	51	Not Detected
Hexane	23	Not Detected	81	Not Detected
Cyclohexane	23	Not Detected	79	Not Detected
Bromodichloromethane	23	Not Detected	150	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-029-VP28-030706

Lab ID#: 0603270A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031826**	**Date of Collection: 3/7/06**	
Dil. Factor:	**45.8**	**Date of Analysis: 3/19/06 12:44 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	23	Not Detected	200	Not Detected
Heptane	23	Not Detected	94	Not Detected
Cumene	23	Not Detected	110	Not Detected
Propylbenzene	23	Not Detected	110	Not Detected
Chloromethane	92	Not Detected	190	Not Detected
1,2,4-Trichlorobenzene	92	Not Detected U J	680	Not Detected U J
Hexachlorobutadiene	92	Not Detected	980	Not Detected
Acetone	92	Not Detected	220	Not Detected
Carbon Disulfide	23	Not Detected	71	Not Detected
2-Propanol	92	Not Detected	220	Not Detected
trans-1,2-Dichloroethene	23	Not Detected	91	Not Detected
2-Butanone (Methyl Ethyl Ketone)	23	Not Detected	68	Not Detected
Tetrahydrofuran	23	Not Detected	68	Not Detected
1,4-Dioxane	92	Not Detected	330	Not Detected
4-Methyl-2-pentanone	23	Not Detected	94	Not Detected
2-Hexanone	92	Not Detected	380	Not Detected
Bromoform	23	Not Detected	240	Not Detected
4-Ethyltoluene	23	Not Detected	110	Not Detected
Ethanol	92	Not Detected	170	Not Detected
Methyl tert-butyl ether	23	Not Detected	82	Not Detected
2,2,4-Trimethylpentane	23	Not Detected	110	Not Detected
3-Chloropropene	92	Not Detected	290	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propen-1-one, 2-methyl-	598-26-5	43%	510 N J
Cyclobutane	287-23-0	59%	270 N J
Unknown	NA	NA	160 J
1-Octene, 3-ethyl-	74630-08-3	72%	240 N J
3-Hexanone, 2,4-dimethyl-	18641-70-8	59%	120 N J
Unknown	NA	NA	300 J
Unknown	NA	NA	150 J
Unknown	NA	NA	210 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-029-VP28-030706

Lab ID#: 0603270A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031826**	**Date of Collection: 3/7/06**	
Dil. Factor:	**45.8**	**Date of Analysis: 3/19/06 12:44 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	89	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-043-VP28-030706

Lab ID#: 0603270A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032015**	**Date of Collection: 3/7/06**	
Dil. Factor:	**114**	**Date of Analysis: 3/20/06 09:26 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	57	Not Detected	280	Not Detected
Freon 114	57	Not Detected	400	Not Detected
Vinyl Chloride	57	Not Detected	140	Not Detected
Bromomethane	57	Not Detected	220	Not Detected
Chloroethane	57	Not Detected	150	Not Detected
Freon 11	57	4600	320	26000
1,1-Dichloroethene	57	17000	230	69000
Freon 113	57	13000	440	100000
Methylene Chloride	57	Not Detected	200	Not Detected
1,1-Dichloroethane	57	Not Detected	230	Not Detected
cis-1,2-Dichloroethene	57	Not Detected	220	Not Detected
Chloroform	57	Not Detected	280	Not Detected
1,1,1-Trichloroethane	57	Not Detected	310	Not Detected
Carbon Tetrachloride	57	Not Detected	360	Not Detected
Benzene	57	Not Detected	180	Not Detected
1,2-Dichloroethane	57	Not Detected	230	Not Detected
Trichloroethene	57	480	310	2600
1,2-Dichloropropane	57	Not Detected	260	Not Detected
cis-1,3-Dichloropropene	57	Not Detected	260	Not Detected
Toluene	57	Not Detected	210	Not Detected
trans-1,3-Dichloropropene	57	Not Detected	260	Not Detected
1,1,2-Trichloroethane	57	Not Detected	310	Not Detected
Tetrachloroethene	57	2000	390	14000
1,2-Dibromoethane (EDB)	57	Not Detected	440	Not Detected
Chlorobenzene	57	Not Detected	260	Not Detected
Ethyl Benzene	57	Not Detected	250	Not Detected
m,p-Xylene	57	Not Detected	250	Not Detected
o-Xylene	57	Not Detected	250	Not Detected
Styrene	57	Not Detected	240	Not Detected
1,1,2,2-Tetrachloroethane	57	Not Detected	390	Not Detected
1,3,5-Trimethylbenzene	57	Not Detected	280	Not Detected
1,2,4-Trimethylbenzene	57	Not Detected	280	Not Detected
1,3-Dichlorobenzene	57	Not Detected	340	Not Detected
1,4-Dichlorobenzene	57	Not Detected	340	Not Detected
alpha-Chlorotoluene	57	Not Detected	300	Not Detected
1,2-Dichlorobenzene	57	Not Detected	340	Not Detected
1,3-Butadiene	57	Not Detected	130	Not Detected
Hexane	57	Not Detected	200	Not Detected
Cyclohexane	57	Not Detected	200	Not Detected
Bromodichloromethane	57	Not Detected	380	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-043-VP28-030706

Lab ID#: 0603270A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032015**	**Date of Collection: 3/7/06**	
Dil. Factor:	**114**	**Date of Analysis: 3/20/06 09:26 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	57	Not Detected	480	Not Detected
Heptane	57	59	230	240
Cumene	57	Not Detected	280	Not Detected
Propylbenzene	57	Not Detected	280	Not Detected
Chloromethane	230	Not Detected	470	Not Detected
1,2,4-Trichlorobenzene	230	Not Detected	1700	Not Detected
Hexachlorobutadiene	230	Not Detected	2400	Not Detected
Acetone	230	Not Detected	540	Not Detected
Carbon Disulfide	57	Not Detected	180	Not Detected
2-Propanol	230	Not Detected	560	Not Detected
trans-1,2-Dichloroethene	57	Not Detected	220	Not Detected
2-Butanone (Methyl Ethyl Ketone)	57	Not Detected	170	Not Detected
Tetrahydrofuran	57	Not Detected	170	Not Detected
1,4-Dioxane	230	Not Detected	820	Not Detected
4-Methyl-2-pentanone	57	Not Detected	230	Not Detected
2-Hexanone	230	Not Detected	930	Not Detected
Bromoform	57	Not Detected	590	Not Detected
4-Ethyltoluene	57	Not Detected	280	Not Detected
Ethanol	230	Not Detected	430	Not Detected
Methyl tert-butyl ether	57	Not Detected	200	Not Detected
2,2,4-Trimethylpentane	57	Not Detected	270	Not Detected
3-Chloropropene	230	Not Detected	710	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propen-1-one, 2-methyl-	598-26-5	64%	1400 N J
2-Butene, (Z)-	590-18-1	72%	850 N J
Unknown	NA	NA	320 J
Unknown	NA	NA	310 J

Container Type: 1 Liter Silonite Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	88	70-130

Client Sample ID: OC-SG-043-VP28-030706 Duplicate

Lab ID#: 0603270A-16AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032016**	**Date of Collection: 3/7/06**	
Dil. Factor:	**114**	**Date of Analysis: 3/20/06 10:10 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	57	Not Detected	280	Not Detected
Freon 114	57	Not Detected	400	Not Detected
Vinyl Chloride	57	Not Detected	140	Not Detected
Bromomethane	57	Not Detected	220	Not Detected
Chloroethane	57	Not Detected	150	Not Detected
Freon 11	57	4400	320	25000
1,1-Dichloroethene	57	16000	230	66000
Freon 113	57	13000	440	98000
Methylene Chloride	57	Not Detected	200	Not Detected
1,1-Dichloroethane	57	Not Detected	230	Not Detected
cis-1,2-Dichloroethene	57	Not Detected	220	Not Detected
Chloroform	57	Not Detected	280	Not Detected
1,1,1-Trichloroethane	57	Not Detected	310	Not Detected
Carbon Tetrachloride	57	Not Detected	360	Not Detected
Benzene	57	Not Detected	180	Not Detected
1,2-Dichloroethane	57	Not Detected	230	Not Detected
Trichloroethene	57	430	310	2300
1,2-Dichloropropane	57	Not Detected	260	Not Detected
cis-1,3-Dichloropropene	57	Not Detected	260	Not Detected
Toluene	57	Not Detected	210	Not Detected
trans-1,3-Dichloropropene	57	Not Detected	260	Not Detected
1,1,2-Trichloroethane	57	Not Detected	310	Not Detected
Tetrachloroethene	57	1900	390	13000
1,2-Dibromoethane (EDB)	57	Not Detected	440	Not Detected
Chlorobenzene	57	Not Detected	260	Not Detected
Ethyl Benzene	57	Not Detected	250	Not Detected
m,p-Xylene	57	Not Detected	250	Not Detected
o-Xylene	57	Not Detected	250	Not Detected
Styrene	57	Not Detected	240	Not Detected
1,1,2,2-Tetrachloroethane	57	Not Detected	390	Not Detected
1,3,5-Trimethylbenzene	57	Not Detected	280	Not Detected
1,2,4-Trimethylbenzene	57	Not Detected	280	Not Detected
1,3-Dichlorobenzene	57	Not Detected	340	Not Detected
1,4-Dichlorobenzene	57	Not Detected	340	Not Detected
alpha-Chlorotoluene	57	Not Detected	300	Not Detected
1,2-Dichlorobenzene	57	Not Detected	340	Not Detected
1,3-Butadiene	57	Not Detected	130	Not Detected
Hexane	57	Not Detected	200	Not Detected
Cyclohexane	57	Not Detected	200	Not Detected
Bromodichloromethane	57	Not Detected	380	Not Detected

Client Sample ID: OC-SG-043-VP28-030706 Duplicate

Lab ID#: 0603270A-16AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032016**	**Date of Collection: 3/7/06**	
Dil. Factor:	**114**	**Date of Analysis: 3/20/06 10:10 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	57	Not Detected	480	Not Detected
Heptane	57	Not Detected	230	Not Detected
Cumene	57	Not Detected	280	Not Detected
Propylbenzene	57	Not Detected	280	Not Detected
Chloromethane	230	Not Detected	470	Not Detected
1,2,4-Trichlorobenzene	230	Not Detected	1700	Not Detected
Hexachlorobutadiene	230	Not Detected	2400	Not Detected
Acetone	230	Not Detected	540	Not Detected
Carbon Disulfide	57	Not Detected	180	Not Detected
2-Propanol	230	Not Detected	560	Not Detected
trans-1,2-Dichloroethene	57	Not Detected	220	Not Detected
2-Butanone (Methyl Ethyl Ketone)	57	Not Detected	170	Not Detected
Tetrahydrofuran	57	Not Detected	170	Not Detected
1,4-Dioxane	230	Not Detected	820	Not Detected
4-Methyl-2-pentanone	57	Not Detected	230	Not Detected
2-Hexanone	230	Not Detected	930	Not Detected
Bromoform	57	Not Detected	590	Not Detected
4-Ethyltoluene	57	Not Detected	280	Not Detected
Ethanol	230	Not Detected	430	Not Detected
Methyl tert-butyl ether	57	Not Detected	200	Not Detected
2,2,4-Trimethylpentane	57	Not Detected	270	Not Detected
3-Chloropropene	230	Not Detected	710	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1300 J
1-Propene, 2-methyl-	115-11-7	72%	840 N J
Unknown	NA	NA	360 J
Unknown	NA	NA	300 J

Container Type: 1 Liter Silonite Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	90	70-130

Client Sample ID: OC-TB01-030606

Lab ID#: 0603270A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032017**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 10:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-TB01-030606

Lab ID#: 0603270A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032017**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 10:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	86	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-TB02-030706

Lab ID#: 0603270A-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032018**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 11:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected

Client Sample ID: OC-TB02-030706

Lab ID#: 0603270A-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032018**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 11:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	1.0	2.3	4.8
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	87	70-130

Client Sample ID: OC-TB03-030806

Lab ID#: 0603270A-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032019**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/21/06 12:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected

Client Sample ID: OC-TB03-030806

Lab ID#: 0603270A-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032019**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/21/06 12:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	90	70-130

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Client Sample ID: OC-TB04-030906

Lab ID#: 0603270A-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032020**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/21/06 01:06 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-TB04-030906

Lab ID#: 0603270A-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032020**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/21/06 01:06 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	88	70-130

Client Sample ID: Lab Blank

Lab ID#: 0603270A-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031809**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/18/06 03:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0603270A-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031809**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/18/06 03:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected U J	15	Not Detected U J
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	91	70-130

Client Sample ID: Lab Blank

Lab ID#: 0603270A-21B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032009**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 03:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0603270A-21B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032009**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 03:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	2.5	15	19
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	92	70-130

Client Sample ID: CCV

Lab ID#: 0603270A-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/18/06 03:58 AM**	

Compound	%Recovery
Freon 12	94
Freon 114	96
Vinyl Chloride	97
Bromomethane	90
Chloroethane	82
Freon 11	97
1,1-Dichloroethene	94
Freon 113	94
Methylene Chloride	95
1,1-Dichloroethane	99
cis-1,2-Dichloroethene	93
Chloroform	95
1,1,1-Trichloroethane	97
Carbon Tetrachloride	104
Benzene	80
1,2-Dichloroethane	94
Trichloroethene	90
1,2-Dichloropropane	88
cis-1,3-Dichloropropene	96
Toluene	97
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	90
Tetrachloroethene	92
1,2-Dibromoethane (EDB)	96
Chlorobenzene	93
Ethyl Benzene	94
m,p-Xylene	96
o-Xylene	98
Styrene	93
1,1,2,2-Tetrachloroethane	93
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	80
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	85
1,2-Dichlorobenzene	78
1,3-Butadiene	92
Hexane	96
Cyclohexane	96
Bromodichloromethane	93

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0603270A-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/18/06 03:58 AM**	

Compound	**%Recovery**
Dibromochloromethane	96
Heptane	89
Cumene	89
Propylbenzene	93
Chloromethane	96
1,2,4-Trichlorobenzene	66 Q
Hexachlorobutadiene	102
Acetone	96
Carbon Disulfide	93
2-Propanol	96
trans-1,2-Dichloroethene	88
2-Butanone (Methyl Ethyl Ketone)	88
Tetrahydrofuran	80
1,4-Dioxane	96
4-Methyl-2-pentanone	99
2-Hexanone	99
Bromoform	97
4-Ethyltoluene	88
Ethanol	95
Methyl tert-butyl ether	94
2,2,4-Trimethylpentane	99
3-Chloropropene	104

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	93	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0603270A-22B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 12:30 PM**	

Compound	%Recovery
Freon 12	103
Freon 114	108
Vinyl Chloride	106
Bromomethane	99
Chloroethane	92
Freon 11	105
1,1-Dichloroethene	102
Freon 113	103
Methylene Chloride	102
1,1-Dichloroethane	108
cis-1,2-Dichloroethene	100
Chloroform	103
1,1,1-Trichloroethane	104
Carbon Tetrachloride	112
Benzene	83
1,2-Dichloroethane	98
Trichloroethene	90
1,2-Dichloropropane	91
cis-1,3-Dichloropropene	99
Toluene	97
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	92
Tetrachloroethene	97
1,2-Dibromoethane (EDB)	98
Chlorobenzene	99
Ethyl Benzene	96
m,p-Xylene	100
o-Xylene	99
Styrene	96
1,1,2,2-Tetrachloroethane	97
1,3,5-Trimethylbenzene	106
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	82
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	98
1,2-Dichlorobenzene	81
1,3-Butadiene	102
Hexane	106
Cyclohexane	109
Bromodichloromethane	96

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0603270A-22B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 12:30 PM**	

Compound	**%Recovery**
Dibromochloromethane	103
Heptane	95
Cumene	97
Propylbenzene	101
Chloromethane	101
1,2,4-Trichlorobenzene	76
Hexachlorobutadiene	92
Acetone	103
Carbon Disulfide	105
2-Propanol	107
trans-1,2-Dichloroethene	96
2-Butanone (Methyl Ethyl Ketone)	102
Tetrahydrofuran	91
1,4-Dioxane	103
4-Methyl-2-pentanone	107
2-Hexanone	106
Bromoform	104
4-Ethyltoluene	95
Ethanol	102
Methyl tert-butyl ether	106
2,2,4-Trimethylpentane	108
3-Chloropropene	109

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	100	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0603270A-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/18/06 04:26 AM**	

Compound	%Recovery
Freon 12	100
Freon 114	100
Vinyl Chloride	100
Bromomethane	96
Chloroethane	89
Freon 11	103
1,1-Dichloroethene	101
Freon 113	97
Methylene Chloride	99
1,1-Dichloroethane	103
cis-1,2-Dichloroethene	97
Chloroform	101
1,1,1-Trichloroethane	102
Carbon Tetrachloride	109
Benzene	86
1,2-Dichloroethane	100
Trichloroethene	92
1,2-Dichloropropane	94
cis-1,3-Dichloropropene	84
Toluene	103
trans-1,3-Dichloropropene	60 Q
1,1,2-Trichloroethane	96
Tetrachloroethene	100
1,2-Dibromoethane (EDB)	99
Chlorobenzene	102
Ethyl Benzene	107
m,p-Xylene	101
o-Xylene	92
Styrene	86
1,1,2,2-Tetrachloroethane	103
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	74
1,3-Dichlorobenzene	92
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	115
1,2-Dichlorobenzene	90
1,3-Butadiene	105
Hexane	105
Cyclohexane	102
Bromodichloromethane	96

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0603270A-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/18/06 04:26 AM**	

Compound	**%Recovery**
Dibromochloromethane	99
Heptane	94
Cumene	112
Propylbenzene	118
Chloromethane	99
1,2,4-Trichlorobenzene	89
Hexachlorobutadiene	102
Acetone	104
Carbon Disulfide	109
2-Propanol	102
trans-1,2-Dichloroethene	94
2-Butanone (Methyl Ethyl Ketone)	102
Tetrahydrofuran	88
1,4-Dioxane	97
4-Methyl-2-pentanone	108
2-Hexanone	104
Bromoform	87
4-Ethyltoluene	111
Ethanol	101
Methyl tert-butyl ether	103
2,2,4-Trimethylpentane	117
3-Chloropropene	127

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	102	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0603270A-23B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 11:07 AM**	

Compound	%Recovery
Freon 12	100
Freon 114	101
Vinyl Chloride	102
Bromomethane	94
Chloroethane	91
Freon 11	102
1,1-Dichloroethene	98
Freon 113	96
Methylene Chloride	99
1,1-Dichloroethane	103
cis-1,2-Dichloroethene	97
Chloroform	102
1,1,1-Trichloroethane	102
Carbon Tetrachloride	107
Benzene	85
1,2-Dichloroethane	99
Trichloroethene	96
1,2-Dichloropropane	95
cis-1,3-Dichloropropene	88
Toluene	101
trans-1,3-Dichloropropene	57 Q
1,1,2-Trichloroethane	94
Tetrachloroethene	100
1,2-Dibromoethane (EDB)	102
Chlorobenzene	102
Ethyl Benzene	106
m,p-Xylene	100
o-Xylene	95
Styrene	76
1,1,2,2-Tetrachloroethane	102
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	74
1,3-Dichlorobenzene	92
1,4-Dichlorobenzene	103
alpha-Chlorotoluene	119
1,2-Dichlorobenzene	91
1,3-Butadiene	106
Hexane	105
Cyclohexane	101
Bromodichloromethane	95

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0603270A-23B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8032003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/06 11:07 AM**	

Compound	**%Recovery**
Dibromochloromethane	98
Heptane	99
Cumene	109
Propylbenzene	118
Chloromethane	100
1,2,4-Trichlorobenzene	106
Hexachlorobutadiene	112
Acetone	104
Carbon Disulfide	109
2-Propanol	103
trans-1,2-Dichloroethene	98
2-Butanone (Methyl Ethyl Ketone)	99
Tetrahydrofuran	87
1,4-Dioxane	95
4-Methyl-2-pentanone	102
2-Hexanone	103
Bromoform	86
4-Ethyltoluene	110
Ethanol	99
Methyl tert-butyl ether	102
2,2,4-Trimethylpentane	116
3-Chloropropene	126

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	101	70-130

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person Sharon Wollin
Company CDM, Inc. Email
Address 18581 Teller Ave., Suite 200 City Irvine State CA Zip 92612
Phone (949) 752-5452 Fax (949) 752-1307
Collected by: (Signature) Scott A. Sanderson

Project Info:
P.O. #
Project # 10500-37240
Project Name Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: BS
Date: 3/16/06
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	PID (ppm)
01A	OC-SG-022-VP29-030606	24390	3/6/06	1051	TO-15 (VOCs & Freon 11, 12, 113)	-28	-5	4.5"Hg	15.0psi	68.7
02A	OC-SG-029-VP29-030606	34623		1027		-28	-5	4.5"Hg		85.4
03A	OC-SG-029K-VP29-030606	11830		1028		-30	-5	3.0"Hg		
04A	OC-SG-048-VP29-030606	34574		1015		-30	-5	3.5"Hg		189.3
05A	OC-SG-021.5-VP20-030606	11896		1148		-26	-3	5.5"Hg		24.4
06A	OC-SG-029-VP20-030606	12365		1137		-28	-1	1.0"Hg		13.2
07A	OC-SG-051-VP20-030606	9359		1126		-29	-5	4.0"Hg		24.4
08A	OC-SG-027-VP24-030606	2058		1410		-30	-5	4.0"Hg		7.6
09A	OC-SG-035-VP24-030606	30818		1401		-30	-5	4.0"Hg		33.5
10A	OC-SG-039-VP24-030606	13390		1336		-30	-5	3.5"Hg		25.9

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Scott A. Sanderson	3-10-06/9:30	[signature]	03/13/06 0830

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	2938904869	—	Good	Yes No None	060325[illegible]

Form 1293 rev.10

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person: Sharon Wallin
Company: CDM, Inc. Email:
Address: 18581 Teller Ave., Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (Signature) Scott A. Henderson

Project Info:
P.O. #: [redacted]
Project #: 10500-37240
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: bb
Date: 3/10/06
Pressurization Gas: N2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final	PZO (ppm)
11A	OC-SG-035-VP25-030606	12285	3/6/06	[redacted] 1503	TO-15 (VOCs & Freon 11, 12, 113)	-29	NR	4.5"Hg	15 psig	1.5
12A	OC-SG-039-VP25-030606	3092	3/6/06	1451		-29	-5	4.0"Hg		3.0
13A	OC-SG-036-VP25-030606	3312	3/6/06	1503		-29	-4	4.0"Hg		3.0
14A	OC-SG-040-VP28-030706	30775	3/7/06	[redacted] 925		-29	-5	3.0"Hg		33.5
15A	OC-SG-039-VP28-030706	34044	3/7/06	917		-29	-5	3.5"Hg		14.4
16A	OC-SG-043-VP28-030706	3187	3/7/06	906		-30	-5	3.5"Hg		25.6
17A	OC-TB01-030606	34664						28.5"Hg		
18A	OC-TB02-030706	34587						28.5"Hg		
19A	OC-TB03-030806	34660						28.5"Hg		
20	OC-TB04-030906	34593						28.5"Hg		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Scott A. Henderson	3-10-06/9:30	[redacted]	03/13/06 0831

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	6429389048 69	—	Good	Yes No (None)	060327

Form 1298 rev.10

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person: Sharon Wallin
Company: CDM, Inc. Email:
Address: 18581 Teller Ave., Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (Signature) Scott A. Sanderson

Project Info:
P.O. #:
Project #: 10500-37240
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final	Pro(ppm)
01A	OC-SG-022-VP29-030606	24390	3/6/06	1051	TO-15 (VOCs & Freon 11,12,113)	-28	-5			68.7
02A	OC-SG-029-VP29-030606	34693		1027		-28	-5			85.4
03A	OC-SG-029K-VP29-030606	11830		1028		-30	-5			
04A	OC-SG-048-VP29-030606	34514		1015		-30	-5			189.3
05A	OC-SG-021.5-VP20-030606	11896		1148		-26	-3			21.4
06A	OC-SG-029-VP20-030606	12365		1137		-28	-1			13.2
07A	OC-SG-051-VP20-030606	9359		1126		-29	-5			24.4
08A	OC-SG-027-VP24-030606	2058		1410		-30	-5			7.6
09A	OC-SG-035-VP24-030606	30818		1401		-30	-5			33.5
10A	OC-SG-039-VP24-030606	13390		1336		-30	-5			25.9

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Scott A. Sanderson	3-10-06/9:30	[signature]	03/13/06 0930

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	642938904869	—	Good	Yes No None	0603270

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person: Sharon Wallin
Company: CDM, Inc. Email:
Address: 18581 Teller Ave., Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (Signature) Scott A. Anderson

Project Info:
P.O. # 4108
Project # 10500-37240
Project Name: Omega Chemical

Turn Around Time:
(X) Normal
( ) Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	
11A	OC-SG-025-VP25-030606	12285	3/6/06	1503	TO-15 (VOCs & Freon 11, 12, 114) 1530	-29	NR			PTO(psi)
12A	OC-SG-028-VP25-030606	9092	3/6/06	1451		-29	-5			1.5
13A	OC-SG-036-VP25-030606	9312	3/6/06	1503	1443	-29	-4			3.0
14A	OC-SG-026-VP28-030706	10115	3/7/06	906/925		-29	-5			3.0
15A	OC-SG-039-VP28-030706	34044	3/7/06	917		-29	-5			33.5
16A	OC-SG-043-VP28-030706	3187	3/7/06	906		-30	-5			14.4
17A	OC-TB01-030606	34469								25.6
18A	OC-TB02-030706	34537								
19A	OC-TB03-030806	34660								
20	OC-TB04-030906	34395								

Relinquished by: (signature) Date/Time: Scott A Anderson 3-10-06/9:30
Received by: (signature) Date/Time: 17 03/13/06 0930

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	6429389048 69	—	Good	Yes No None	060327 0

Form 1299 rev.10

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

WORK ORDER #: 0603270B

Work Order Summary

CLIENT:	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612	**BILL TO:**	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612
PHONE:	949-930-2158	**P.O. #**	
FAX:	949-752-1307	**PROJECT #**	10500-37240 Omega Chemical
DATE RECEIVED:	03/13/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	03/23/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
21A	OC-SG-048-VP21-030806	Modified TO-15/TICs	3.0 "Hg
22A	OC-SG-043-VP21-030806	Modified TO-15/TICs	5.0 "Hg
23A	OC-SG-035-VP21-030806	Modified TO-15/TICs	5.0 "Hg
24A	OC-SG-029-VP21-030806	Modified TO-15/TICs	3.5 "Hg
25A	OC-SG-020-VP21-030806	Modified TO-15/TICs	5.0 "Hg
26A	OC-SG-035K-VP21-030806	Modified TO-15/TICs	4.5 "Hg
26AA	OC-SG-035K-VP21-030806 Duplicate	Modified TO-15/TICs	4.5 "Hg
27A	OC-SG-039-VP22-030806	Modified TO-15/TICs	2.0 "Hg
28A	OC-SG-027-VP22-030806	Modified TO-15/TICs	7.5 "Hg
29A	OC-SG-018-VP22-030806	Modified TO-15/TICs	2.5 "Hg
29AA	OC-SG-018-VP22-030806 Duplicate	Modified TO-15/TICs	2.5 "Hg
30A	OC-SG-022-VP23-030906	Modified TO-15/TICs	4.5 "Hg
31A	OC-SG-029-VP23-030906	Modified TO-15/TICs	3.5 "Hg
32A	OC-SG-045-VP23-030906	Modified TO-15/TICs	3.0 "Hg
33A	OC-SG-045K-VP23-030906	Modified TO-15/TICs	3.0 "Hg
34A	Lab Blank	Modified TO-15/TICs	NA
35A	CCV	Modified TO-15/TICs	NA

Continued on next page

WORK ORDER #: 0603270B

Work Order Summary

CLIENT:	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612	**BILL TO:**	Mr. Scott Sanderson CDM 18581 Teller Avenue, Suite 200 Irvine, CA 92612
PHONE:	949-930-2158	**P.O. #**	
FAX:	949-752-1307	**PROJECT #**	10500-37240 Omega Chemical
DATE RECEIVED:	03/13/2006	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	03/23/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
36A	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda D. Frumarn DATE: 03/24/06

Laboratory Director

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0603270B

Thirteen 1 Liter Summa Canister samples were received on March 13, 2006. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported LCS for each daily batch has been derived from more than one analytical file.

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-048-VP21-030806

Lab ID#: 0603270B-21A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	300	18000	1700	100000
1,1-Dichloroethene	300	75000	1200	300000
Freon 113	300	54000	2300	420000
Trichloroethene	300	2500	1600	13000
Tetrachloroethene	300	14000	2000	96000
Carbon Disulfide	300	440	930	1400
2-Propanol	1200	3700	2900	9100

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1800 J

Client Sample ID: OC-SG-043-VP21-030806

Lab ID#: 0603270B-22A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	970	49000	5400	270000
1,1-Dichloroethene	970	230000	3800	920000
Freon 113	970	170000	7400	1300000
Trichloroethene	970	12000	5200	66000
Tetrachloroethene	970	90000	6600	610000
2-Propanol	3900	5800	9500	14000

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	5700 J

Client Sample ID: OC-SG-035-VP21-030806

Lab ID#: 0603270B-23A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	80	4600	450	26000
1,1-Dichloroethene	80	23000	320	90000
Freon 113	80	14000	620	100000
Methylene Chloride	80	98	280	340

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-035-VP21-030806

Lab ID#: 0603270B-23A

Trichloroethene	80	1100	430	5900
Tetrachloroethene	80	5800	550	39000

Client Sample ID: OC-SG-029-VP21-030806

Lab ID#: 0603270B-24A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	57	110	280	530
Freon 11	57	3900	320	22000
1,1-Dichloroethene	57	18000	230	71000
Freon 113	57	8200	440	63000
Methylene Chloride	57	75	200	260
Trichloroethene	57	640	310	3500
Tetrachloroethene	57	2700	390	18000

Client Sample ID: OC-SG-020-VP21-030806

Lab ID#: 0603270B-25A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	60	3400	340	19000
1,1-Dichloroethene	60	16000	240	63000
Freon 113	60	9600	460	74000
Methylene Chloride	60	86	210	300
Trichloroethene	60	660	320	3500
Tetrachloroethene	60	4300	410	29000

Client Sample ID: OC-SG-035K-VP21-030806

Lab ID#: 0603270B-26A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	80	5000	450	28000
1,1-Dichloroethene	80	25000	320	98000
Freon 113	80	15000	610	120000
Methylene Chloride	80	93	280	320
Trichloroethene	80	1200	430	6500
Tetrachloroethene	80	6500	540	44000

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-035K-VP21-030806 Duplicate

Lab ID#: 0603270B-26AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	80	4900	450	28000
1,1-Dichloroethene	80	23000	320	92000
Freon 113	80	15000	610	110000
Methylene Chloride	80	150	280	520
Trichloroethene	80	1300	430	7000
Tetrachloroethene	80	6700	540	46000
Carbon Disulfide	80	97	250	300

Client Sample ID: OC-SG-039-VP22-030806

Lab ID#: 0603270B-27A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	12	720	67	4000
1,1-Dichloroethene	12	3600	48	14000
Freon 113	12	1900	92	15000
Methylene Chloride	12	12	42	44
Chloroform	12	34	58	160
Trichloroethene	12	65	64	350
Toluene	12	21	45	81
Tetrachloroethene	12	25	81	170
Acetone	48	86	110	200
2-Butanone (Methyl Ethyl Ketone)	12	86	35	250

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	720 J
1-Propene, 2-methyl-	115-11-7	58%	790 N J
Unknown	NA	NA	470 J
Nonane, 3-methyl-5-propyl-	31081-18-2	59%	71 N J
Heptane, 2,2-dimethyl-	1071-26-7	50%	130 N J

Client Sample ID: OC-SG-027-VP22-030806

Lab ID#: 0603270B-28A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-027-VP22-030806

Lab ID#: 0603270B-28A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	13	850	76	4800
1,1-Dichloroethene	13	4000	53	16000
Freon 113	13	2100	100	16000
Trichloroethene	13	71	72	380
Toluene	13	28	51	100
Tetrachloroethene	13	310	91	2100
Acetone	54	90	130	210
2-Butanone (Methyl Ethyl Ketone)	13	36	40	100

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	420 J
Unknown	NA	NA	560 J
Unknown	NA	NA	170 J
Decane, 2,2-dimethyl-	17302-37-3	72%	68 N J
Undecane, 4,6-dimethyl-	17312-82-2	64%	130 N J
Heptane, 2,2-dimethyl-	1071-26-7	64%	230 N J
Tetradecane, 4-methyl-	25117-24-2	72%	77 N J
Unknown	NA	NA	490 J

Client Sample ID: OC-SG-018-VP22-030806

Lab ID#: 0603270B-29A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.9	5.8	14	29
Freon 11	2.9	310	16	1700
1,1-Dichloroethene	2.9	980	12	3900
Freon 113	2.9	480	22	3600
Chloroform	2.9	5.0	14	25
Benzene	2.9	10	9.4	33
Trichloroethene	2.9	10	16	56
Toluene	2.9	33	11	120
Tetrachloroethene	2.9	53	20	360
Ethyl Benzene	2.9	4.2	13	18
m,p-Xylene	2.9	12	13	53
o-Xylene	2.9	5.5	13	24

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-018-VP22-030806

Lab ID#: 0603270B-29A

1,2,4-Trimethylbenzene	2.9	3.2	14	16
Hexane	2.9	5.5	10	20
Heptane	2.9	3.6	12	15
Acetone	12	73	28	170
2-Butanone (Methyl Ethyl Ketone)	2.9	27	8.6	79
4-Ethyltoluene	2.9	3.4	14	17
2,2,4-Trimethylpentane	2.9	3.1 J	14	14 J

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
2-Butene, (E)-	624-64-6	80%	270 N J
Unknown	NA	NA	98 J
Cyclopropane, 1,2-dimethyl-1-pentyl-	62238-04-4	59%	56 N J
1-Octene, 3-ethyl-	74630-08-3	64%	64 N J
Decane, 2,2,5-trimethyl-	62237-96-1	64%	77 N J
Hexatriacontane	630-06-8	59%	87 N J
Unknown	NA	NA	54 J
Heptane, 2,2-dimethyl-	1071-26-7	64%	180 N J
Unknown	NA	NA	61 J
Unknown	NA	NA	310 J

Client Sample ID: OC-SG-018-VP22-030806 Duplicate

Lab ID#: 0603270B-29AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.9	5.7	14	28
Freon 11	2.9	300	16	1700
1,1-Dichloroethene	2.9	1000	12	4000
Freon 113	2.9	480	22	3700
Chloroform	2.9	5.0	14	25
Benzene	2.9	9.8	9.4	31
Trichloroethene	2.9	10	16	54
Toluene	2.9	32	11	120
Tetrachloroethene	2.9	52	20	360
Ethyl Benzene	2.9	4.2	13	18
m,p-Xylene	2.9	12	13	53
o-Xylene	2.9	6.0	13	26
1,2,4-Trimethylbenzene	2.9	3.2	14	16

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-018-VP22-030806 Duplicate

Lab ID#: 0603270B-29AA

Hexane	2.9	6.0	10	21
Heptane	2.9	3.2	12	13
Acetone	12	77	28	180
2-Butanone (Methyl Ethyl Ketone)	2.9	30	8.6	87
4-Ethyltoluene	2.9	3.5	14	17
2,2,4-Trimethylpentane	2.9	3.2 J	14	15 J

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
2-Butene, (E)-	624-64-6	72%	270 N J
Unknown	NA	NA	100 J
Cyclopropane, 1,2-dimethyl-1-pentyl-	62238-04-4	43%	55 N J
1-Octene, 3-ethyl-	74630-08-3	72%	62 N J
Decane, 2,2,5-trimethyl-	62237-96-1	64%	78 N J
Hexatriacontane	630-06-8	59%	95 N J
Unknown	NA	NA	55 J
Heptane, 2,2-dimethyl-	1071-26-7	64%	180 N J
Unknown	NA	NA	64 J
Unknown	NA	NA	320 J

Client Sample ID: OC-SG-022-VP23-030906

Lab ID#: 0603270B-30A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	3.4	5.9	17
Freon 11	1.2	46	6.7	260
1,1-Dichloroethene	1.2	120	4.7	500
Freon 113	1.2	78	9.1	600
Chloroform	1.2	2.9	5.8	14
Benzene	1.2	9.3	3.8	30
Toluene	1.2	26	4.5	98
Tetrachloroethene	1.2	4.1	8.1	28
Ethyl Benzene	1.2	2.8	5.2	12
m,p-Xylene	1.2	7.1	5.2	31
o-Xylene	1.2	3.2	5.2	14
1,2,4-Trimethylbenzene	1.2	1.8	5.8	9.0
1,3-Butadiene	1.2	15	2.6	32
Hexane	1.2	6.2	4.2	22

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-022-VP23-030906

Lab ID#: 0603270B-30A

Bromodichloromethane	1.2	1.4	8.0	9.3
Heptane	1.2	4.4	4.9	18
Acetone	4.8	87	11	210
2-Butanone (Methyl Ethyl Ketone)	1.2	18	3.5	54
4-Ethyltoluene	1.2	2.0	5.8	9.9
Ethanol	4.8	10	9.0	19
2,2,4-Trimethylpentane	1.2	1.6 J	5.6	7.3 J

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	760 J
1-Propene, 2-methyl-	115-11-7	64%	330 N J
Unknown	NA	NA	100 J
Unknown	NA	NA	82 J
1-Octene, 3-ethyl-	74630-08-3	64%	68 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	78%	84 N J
Decane, 2,2-dimethyl-	17302-37-3	64%	50 N J
Undecane, 4,7-dimethyl-	17301-32-5	72%	57 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	72%	120 N J
Unknown	NA	NA	180 J

Client Sample ID: OC-SG-029-VP23-030906

Lab ID#: 0603270B-31A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.6	12	32	60
Freon 11	6.6	330	37	1900
1,1-Dichloroethene	6.6	1500	26	6100
Freon 113	6.6	1200	50	9200
Methylene Chloride	6.6	12	23	41
Benzene	6.6	8.1	21	26
Toluene	6.6	23	25	86
Tetrachloroethene	6.6	68	44	460
m,p-Xylene	6.6	7.1	28	31
1,3-Butadiene	6.6	21	14	48
Hexane	6.6	8.9	23	31
Acetone	26	83	62	200
Carbon Disulfide	6.6	8.5	20	26

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-029-VP23-030906

Lab ID#: 0603270B-31A

2-Butanone (Methyl Ethyl Ketone)	6.6	28	19	83

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	540 J
2-Butene, (E)-	624-64-6	49%	450 N J
Unknown	NA	NA	150 J
Butane, 2-methyl-	78-78-4	80%	66 N J
Unknown	NA	NA	41 J
Unknown	NA	NA	56 J
Decane, 2,2,5-trimethyl-	62237-96-1	64%	46 N J
Undecane, 4,6-dimethyl-	17312-82-2	64%	82 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	72%	150 N J
Unknown	NA	NA	99 J

Client Sample ID: OC-SG-045-VP23-030906

Lab ID#: 0603270B-32A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.6	15	28	74
Freon 11	5.6	370	31	2100
1,1-Dichloroethene	5.6	1300	22	5200
Freon 113	5.6	1300	43	9900
Methylene Chloride	5.6	9.8	19	34
Benzene	5.6	13	18	42
Toluene	5.6	28	21	110
Tetrachloroethene	5.6	57	38	380
m,p-Xylene	5.6	9.0	24	39
1,3-Butadiene	5.6	35	12	78
Hexane	5.6	12	20	42
Acetone	22	64	53	150
Carbon Disulfide	5.6	7.2	17	22
2-Butanone (Methyl Ethyl Ketone)	5.6	28	16	82

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1900 J
Unknown	NA	NA	83 J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-045-VP23-030906

Lab ID#: 0603270B-32A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
2-Butene, (Z)-	590-18-1	58%	950 N J
Unknown	NA	NA	180 J
Butane, 2-methyl-	78-78-4	78%	60 N J
Unknown	NA	NA	46 J
Cyclopropane, 1,1-dimethyl-	1630-94-0	27%	41 N J
1-Octene, 3-ethyl-	74630-08-3	72%	75 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	100 N J
Unknown	NA	NA	100 J

Client Sample ID: OC-SG-045K-VP23-030906

Lab ID#: 0603270B-33A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.6	14	28	72
Freon 11	5.6	350	31	2000
1,1-Dichloroethene	5.6	1200	22	4900
Freon 113	5.6	1200	43	9400
Methylene Chloride	5.6	9.5	19	33
Benzene	5.6	13	18	41
Toluene	5.6	28	21	100
Tetrachloroethene	5.6	55	38	370
m,p-Xylene	5.6	8.7	24	38
1,3-Butadiene	5.6	35	12	77
Hexane	5.6	11	20	39
Acetone	22	66	53	160
Carbon Disulfide	5.6	8.3	17	26
2-Butanone (Methyl Ethyl Ketone)	5.6	28	16	84

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1900 J
Unknown	NA	NA	85 J
2-Butene, (E)-	624-64-6	53%	910 N J
Unknown	NA	NA	180 J
Butane, 2-methyl-	78-78-4	86%	56 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-045K-VP23-030906

Lab ID#: 0603270B-33A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	42 J
Unknown	NA	NA	44 J
Unknown	NA	NA	81 J
Unknown	NA	NA	53 J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	89 N J

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Client Sample ID: OC-SG-048-VP21-030806

Lab ID#: 0603270B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031925**	**Date of Collection: 3/8/06**	
Dil. Factor:	**597**	**Date of Analysis: 3/20/06 04:22 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	300	Not Detected	1500	Not Detected
Freon 114	300	Not Detected	2100	Not Detected
Vinyl Chloride	300	Not Detected	760	Not Detected
Bromomethane	300	Not Detected	1200	Not Detected
Chloroethane	300	Not Detected	790	Not Detected
Freon 11	300	18000	1700	100000
1,1-Dichloroethene	300	75000	1200	300000
Freon 113	300	54000	2300	420000
Methylene Chloride	300	Not Detected	1000	Not Detected
1,1-Dichloroethane	300	Not Detected	1200	Not Detected
cis-1,2-Dichloroethene	300	Not Detected	1200	Not Detected
Chloroform	300	Not Detected	1400	Not Detected
1,1,1-Trichloroethane	300	Not Detected	1600	Not Detected
Carbon Tetrachloride	300	Not Detected	1900	Not Detected
Benzene	300	Not Detected	950	Not Detected
1,2-Dichloroethane	300	Not Detected	1200	Not Detected
Trichloroethene	300	2500	1600	13000
1,2-Dichloropropane	300	Not Detected	1400	Not Detected
cis-1,3-Dichloropropene	300	Not Detected	1400	Not Detected
Toluene	300	Not Detected	1100	Not Detected
trans-1,3-Dichloropropene	300	Not Detected	1400	Not Detected
1,1,2-Trichloroethane	300	Not Detected	1600	Not Detected
Tetrachloroethene	300	14000	2000	96000
1,2-Dibromoethane (EDB)	300	Not Detected	2300	Not Detected
Chlorobenzene	300	Not Detected	1400	Not Detected
Ethyl Benzene	300	Not Detected	1300	Not Detected
m,p-Xylene	300	Not Detected	1300	Not Detected
o-Xylene	300	Not Detected	1300	Not Detected
Styrene	300	Not Detected	1300	Not Detected
1,1,2,2-Tetrachloroethane	300	Not Detected	2000	Not Detected
1,3,5-Trimethylbenzene	300	Not Detected	1500	Not Detected
1,2,4-Trimethylbenzene	300	Not Detected	1500	Not Detected
1,3-Dichlorobenzene	300	Not Detected	1800	Not Detected
1,4-Dichlorobenzene	300	Not Detected	1800	Not Detected
alpha-Chlorotoluene	300	Not Detected	1500	Not Detected
1,2-Dichlorobenzene	300	Not Detected	1800	Not Detected
1,3-Butadiene	300	Not Detected	660	Not Detected
Hexane	300	Not Detected	1000	Not Detected
Cyclohexane	300	Not Detected	1000	Not Detected
Bromodichloromethane	300	Not Detected	2000	Not Detected

Client Sample ID: OC-SG-048-VP21-030806

Lab ID#: 0603270B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031925**	**Date of Collection: 3/8/06**	
Dil. Factor:	**597**	**Date of Analysis: 3/20/06 04:22 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	300	Not Detected	2500	Not Detected
Heptane	300	Not Detected	1200	Not Detected
Cumene	300	Not Detected	1500	Not Detected
Propylbenzene	300	Not Detected	1500	Not Detected
Chloromethane	1200	Not Detected	2500	Not Detected
1,2,4-Trichlorobenzene	1200	Not Detected	8900	Not Detected
Hexachlorobutadiene	1200	Not Detected	13000	Not Detected
Acetone	1200	Not Detected	2800	Not Detected
Carbon Disulfide	300	440	930	1400
2-Propanol	1200	3700	2900	9100
trans-1,2-Dichloroethene	300	Not Detected	1200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	300	Not Detected	880	Not Detected
Tetrahydrofuran	300	Not Detected	880	Not Detected
1,4-Dioxane	1200	Not Detected	4300	Not Detected
4-Methyl-2-pentanone	300	Not Detected	1200	Not Detected
2-Hexanone	1200	Not Detected	4900	Not Detected
Bromoform	300	Not Detected	3100	Not Detected
4-Ethyltoluene	300	Not Detected	1500	Not Detected
Ethanol	1200	Not Detected	2200	Not Detected
Methyl tert-butyl ether	300	Not Detected	1100	Not Detected
2,2,4-Trimethylpentane	300	Not Detected U J	1400	Not Detected U J
3-Chloropropene	1200	Not Detected	3700	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1800 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: OC-SG-043-VP21-030806

Lab ID#: 0603270B-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031926**	**Date of Collection: 3/8/06**	
Dil. Factor:	**1940**	**Date of Analysis: 3/20/06 05:06 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	970	Not Detected	4800	Not Detected
Freon 114	970	Not Detected	6800	Not Detected
Vinyl Chloride	970	Not Detected	2500	Not Detected
Bromomethane	970	Not Detected	3800	Not Detected
Chloroethane	970	Not Detected	2600	Not Detected
Freon 11	970	49000	5400	270000
1,1-Dichloroethene	970	230000	3800	920000
Freon 113	970	170000	7400	1300000
Methylene Chloride	970	Not Detected	3400	Not Detected
1,1-Dichloroethane	970	Not Detected	3900	Not Detected
cis-1,2-Dichloroethene	970	Not Detected	3800	Not Detected
Chloroform	970	Not Detected	4700	Not Detected
1,1,1-Trichloroethane	970	Not Detected	5300	Not Detected
Carbon Tetrachloride	970	Not Detected	6100	Not Detected
Benzene	970	Not Detected	3100	Not Detected
1,2-Dichloroethane	970	Not Detected	3900	Not Detected
Trichloroethene	970	12000	5200	66000
1,2-Dichloropropane	970	Not Detected	4500	Not Detected
cis-1,3-Dichloropropene	970	Not Detected	4400	Not Detected
Toluene	970	Not Detected	3600	Not Detected
trans-1,3-Dichloropropene	970	Not Detected	4400	Not Detected
1,1,2-Trichloroethane	970	Not Detected	5300	Not Detected
Tetrachloroethene	970	90000	6600	610000
1,2-Dibromoethane (EDB)	970	Not Detected	7400	Not Detected
Chlorobenzene	970	Not Detected	4500	Not Detected
Ethyl Benzene	970	Not Detected	4200	Not Detected
m,p-Xylene	970	Not Detected	4200	Not Detected
o-Xylene	970	Not Detected	4200	Not Detected
Styrene	970	Not Detected	4100	Not Detected
1,1,2,2-Tetrachloroethane	970	Not Detected	6600	Not Detected
1,3,5-Trimethylbenzene	970	Not Detected	4800	Not Detected
1,2,4-Trimethylbenzene	970	Not Detected	4800	Not Detected
1,3-Dichlorobenzene	970	Not Detected	5800	Not Detected
1,4-Dichlorobenzene	970	Not Detected	5800	Not Detected
alpha-Chlorotoluene	970	Not Detected	5000	Not Detected
1,2-Dichlorobenzene	970	Not Detected	5800	Not Detected
1,3-Butadiene	970	Not Detected	2100	Not Detected
Hexane	970	Not Detected	3400	Not Detected
Cyclohexane	970	Not Detected	3300	Not Detected
Bromodichloromethane	970	Not Detected	6500	Not Detected

Client Sample ID: OC-SG-043-VP21-030806

Lab ID#: 0603270B-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031926**	**Date of Collection: 3/8/06**	
Dil. Factor:	**1940**	**Date of Analysis: 3/20/06 05:06 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	970	Not Detected	8300	Not Detected
Heptane	970	Not Detected	4000	Not Detected
Cumene	970	Not Detected	4800	Not Detected
Propylbenzene	970	Not Detected	4800	Not Detected
Chloromethane	3900	Not Detected	8000	Not Detected
1,2,4-Trichlorobenzene	3900	Not Detected	29000	Not Detected
Hexachlorobutadiene	3900	Not Detected	41000	Not Detected
Acetone	3900	Not Detected	9200	Not Detected
Carbon Disulfide	970	Not Detected	3000	Not Detected
2-Propanol	3900	5800	9500	14000
trans-1,2-Dichloroethene	970	Not Detected	3800	Not Detected
2-Butanone (Methyl Ethyl Ketone)	970	Not Detected	2900	Not Detected
Tetrahydrofuran	970	Not Detected	2900	Not Detected
1,4-Dioxane	3900	Not Detected	14000	Not Detected
4-Methyl-2-pentanone	970	Not Detected	4000	Not Detected
2-Hexanone	3900	Not Detected	16000	Not Detected
Bromoform	970	Not Detected	10000	Not Detected
4-Ethyltoluene	970	Not Detected	4800	Not Detected
Ethanol	3900	Not Detected	7300	Not Detected
Methyl tert-butyl ether	970	Not Detected	3500	Not Detected
2,2,4-Trimethylpentane	970	Not Detected U J	4500	Not Detected U J
3-Chloropropene	3900	Not Detected	12000	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	5700 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: OC-SG-035-VP21-030806

Lab ID#: 0603270B-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031912**	**Date of Collection: 3/8/06**	
Dil. Factor:	**161**	**Date of Analysis: 3/19/06 07:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	80	Not Detected	400	Not Detected
Freon 114	80	Not Detected	560	Not Detected
Vinyl Chloride	80	Not Detected	200	Not Detected
Bromomethane	80	Not Detected	310	Not Detected
Chloroethane	80	Not Detected	210	Not Detected
Freon 11	80	4600	450	26000
1,1-Dichloroethene	80	23000	320	90000
Freon 113	80	14000	620	100000
Methylene Chloride	80	98	280	340
1,1-Dichloroethane	80	Not Detected	320	Not Detected
cis-1,2-Dichloroethene	80	Not Detected	320	Not Detected
Chloroform	80	Not Detected	390	Not Detected
1,1,1-Trichloroethane	80	Not Detected	440	Not Detected
Carbon Tetrachloride	80	Not Detected	510	Not Detected
Benzene	80	Not Detected	260	Not Detected
1,2-Dichloroethane	80	Not Detected	320	Not Detected
Trichloroethene	80	1100	430	5900
1,2-Dichloropropane	80	Not Detected	370	Not Detected
cis-1,3-Dichloropropene	80	Not Detected	360	Not Detected
Toluene	80	Not Detected	300	Not Detected
trans-1,3-Dichloropropene	80	Not Detected	360	Not Detected
1,1,2-Trichloroethane	80	Not Detected	440	Not Detected
Tetrachloroethene	80	5800	550	39000
1,2-Dibromoethane (EDB)	80	Not Detected	620	Not Detected
Chlorobenzene	80	Not Detected	370	Not Detected
Ethyl Benzene	80	Not Detected	350	Not Detected
m,p-Xylene	80	Not Detected	350	Not Detected
o-Xylene	80	Not Detected	350	Not Detected
Styrene	80	Not Detected	340	Not Detected
1,1,2,2-Tetrachloroethane	80	Not Detected	550	Not Detected
1,3,5-Trimethylbenzene	80	Not Detected	400	Not Detected
1,2,4-Trimethylbenzene	80	Not Detected	400	Not Detected
1,3-Dichlorobenzene	80	Not Detected	480	Not Detected
1,4-Dichlorobenzene	80	Not Detected	480	Not Detected
alpha-Chlorotoluene	80	Not Detected	420	Not Detected
1,2-Dichlorobenzene	80	Not Detected	480	Not Detected
1,3-Butadiene	80	Not Detected	180	Not Detected
Hexane	80	Not Detected	280	Not Detected
Cyclohexane	80	Not Detected	280	Not Detected
Bromodichloromethane	80	Not Detected	540	Not Detected

Client Sample ID: OC-SG-035-VP21-030806

Lab ID#: 0603270B-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031912**	**Date of Collection: 3/8/06**	
Dil. Factor:	**161**	**Date of Analysis: 3/19/06 07:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	80	Not Detected	680	Not Detected
Heptane	80	Not Detected	330	Not Detected
Cumene	80	Not Detected	400	Not Detected
Propylbenzene	80	Not Detected	400	Not Detected
Chloromethane	320	Not Detected	660	Not Detected
1,2,4-Trichlorobenzene	320	Not Detected	2400	Not Detected
Hexachlorobutadiene	320	Not Detected	3400	Not Detected
Acetone	320	Not Detected	760	Not Detected
Carbon Disulfide	80	Not Detected	250	Not Detected
2-Propanol	320	Not Detected	790	Not Detected
trans-1,2-Dichloroethene	80	Not Detected	320	Not Detected
2-Butanone (Methyl Ethyl Ketone)	80	Not Detected	240	Not Detected
Tetrahydrofuran	80	Not Detected	240	Not Detected
1,4-Dioxane	320	Not Detected	1200	Not Detected
4-Methyl-2-pentanone	80	Not Detected	330	Not Detected
2-Hexanone	320	Not Detected	1300	Not Detected
Bromoform	80	Not Detected	830	Not Detected
4-Ethyltoluene	80	Not Detected	400	Not Detected
Ethanol	320	Not Detected	610	Not Detected
Methyl tert-butyl ether	80	Not Detected	290	Not Detected
2,2,4-Trimethylpentane	80	Not Detected U J	380	Not Detected U J
3-Chloropropene	320	Not Detected	1000	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: OC-SG-029-VP21-030806

Lab ID#: 0603270B-24A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031913**	**Date of Collection: 3/8/06**	
Dil. Factor:	**114**	**Date of Analysis: 3/19/06 08:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	57	110	280	530
Freon 114	57	Not Detected	400	Not Detected
Vinyl Chloride	57	Not Detected	140	Not Detected
Bromomethane	57	Not Detected	220	Not Detected
Chloroethane	57	Not Detected	150	Not Detected
Freon 11	57	3900	320	22000
1,1-Dichloroethene	57	18000	230	71000
Freon 113	57	8200	440	63000
Methylene Chloride	57	75	200	260
1,1-Dichloroethane	57	Not Detected	230	Not Detected
cis-1,2-Dichloroethene	57	Not Detected	220	Not Detected
Chloroform	57	Not Detected	280	Not Detected
1,1,1-Trichloroethane	57	Not Detected	310	Not Detected
Carbon Tetrachloride	57	Not Detected	360	Not Detected
Benzene	57	Not Detected	180	Not Detected
1,2-Dichloroethane	57	Not Detected	230	Not Detected
Trichloroethene	57	640	310	3500
1,2-Dichloropropane	57	Not Detected	260	Not Detected
cis-1,3-Dichloropropene	57	Not Detected	260	Not Detected
Toluene	57	Not Detected	210	Not Detected
trans-1,3-Dichloropropene	57	Not Detected	260	Not Detected
1,1,2-Trichloroethane	57	Not Detected	310	Not Detected
Tetrachloroethene	57	2700	390	18000
1,2-Dibromoethane (EDB)	57	Not Detected	440	Not Detected
Chlorobenzene	57	Not Detected	260	Not Detected
Ethyl Benzene	57	Not Detected	250	Not Detected
m,p-Xylene	57	Not Detected	250	Not Detected
o-Xylene	57	Not Detected	250	Not Detected
Styrene	57	Not Detected	240	Not Detected
1,1,2,2-Tetrachloroethane	57	Not Detected	390	Not Detected
1,3,5-Trimethylbenzene	57	Not Detected	280	Not Detected
1,2,4-Trimethylbenzene	57	Not Detected	280	Not Detected
1,3-Dichlorobenzene	57	Not Detected	340	Not Detected
1,4-Dichlorobenzene	57	Not Detected	340	Not Detected
alpha-Chlorotoluene	57	Not Detected	300	Not Detected
1,2-Dichlorobenzene	57	Not Detected	340	Not Detected
1,3-Butadiene	57	Not Detected	130	Not Detected
Hexane	57	Not Detected	200	Not Detected
Cyclohexane	57	Not Detected	200	Not Detected
Bromodichloromethane	57	Not Detected	380	Not Detected

Client Sample ID: OC-SG-029-VP21-030806

Lab ID#: 0603270B-24A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031913**	**Date of Collection: 3/8/06**	
Dil. Factor:	**114**	**Date of Analysis: 3/19/06 08:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	57	Not Detected	480	Not Detected
Heptane	57	Not Detected	230	Not Detected
Cumene	57	Not Detected	280	Not Detected
Propylbenzene	57	Not Detected	280	Not Detected
Chloromethane	230	Not Detected	470	Not Detected
1,2,4-Trichlorobenzene	230	Not Detected	1700	Not Detected
Hexachlorobutadiene	230	Not Detected	2400	Not Detected
Acetone	230	Not Detected	540	Not Detected
Carbon Disulfide	57	Not Detected	180	Not Detected
2-Propanol	230	Not Detected	560	Not Detected
trans-1,2-Dichloroethene	57	Not Detected	220	Not Detected
2-Butanone (Methyl Ethyl Ketone)	57	Not Detected	170	Not Detected
Tetrahydrofuran	57	Not Detected	170	Not Detected
1,4-Dioxane	230	Not Detected	820	Not Detected
4-Methyl-2-pentanone	57	Not Detected	230	Not Detected
2-Hexanone	230	Not Detected	930	Not Detected
Bromoform	57	Not Detected	590	Not Detected
4-Ethyltoluene	57	Not Detected	280	Not Detected
Ethanol	230	Not Detected	430	Not Detected
Methyl tert-butyl ether	57	Not Detected	200	Not Detected
2,2,4-Trimethylpentane	57	Not Detected U J	270	Not Detected U J
3-Chloropropene	230	Not Detected	710	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: OC-SG-020-VP21-030806

Lab ID#: 0603270B-25A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031914**	**Date of Collection: 3/8/06**	
Dil. Factor:	**121**	**Date of Analysis: 3/19/06 08:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	60	Not Detected	300	Not Detected
Freon 114	60	Not Detected	420	Not Detected
Vinyl Chloride	60	Not Detected	150	Not Detected
Bromomethane	60	Not Detected	230	Not Detected
Chloroethane	60	Not Detected	160	Not Detected
Freon 11	60	3400	340	19000
1,1-Dichloroethene	60	16000	240	63000
Freon 113	60	9600	460	74000
Methylene Chloride	60	86	210	300
1,1-Dichloroethane	60	Not Detected	240	Not Detected
cis-1,2-Dichloroethene	60	Not Detected	240	Not Detected
Chloroform	60	Not Detected	300	Not Detected
1,1,1-Trichloroethane	60	Not Detected	330	Not Detected
Carbon Tetrachloride	60	Not Detected	380	Not Detected
Benzene	60	Not Detected	190	Not Detected
1,2-Dichloroethane	60	Not Detected	240	Not Detected
Trichloroethene	60	660	320	3500
1,2-Dichloropropane	60	Not Detected	280	Not Detected
cis-1,3-Dichloropropene	60	Not Detected	270	Not Detected
Toluene	60	Not Detected	230	Not Detected
trans-1,3-Dichloropropene	60	Not Detected	270	Not Detected
1,1,2-Trichloroethane	60	Not Detected	330	Not Detected
Tetrachloroethene	60	4300	410	29000
1,2-Dibromoethane (EDB)	60	Not Detected	460	Not Detected
Chlorobenzene	60	Not Detected	280	Not Detected
Ethyl Benzene	60	Not Detected	260	Not Detected
m,p-Xylene	60	Not Detected	260	Not Detected
o-Xylene	60	Not Detected	260	Not Detected
Styrene	60	Not Detected	260	Not Detected
1,1,2,2-Tetrachloroethane	60	Not Detected	420	Not Detected
1,3,5-Trimethylbenzene	60	Not Detected	300	Not Detected
1,2,4-Trimethylbenzene	60	Not Detected	300	Not Detected
1,3-Dichlorobenzene	60	Not Detected	360	Not Detected
1,4-Dichlorobenzene	60	Not Detected	360	Not Detected
alpha-Chlorotoluene	60	Not Detected	310	Not Detected
1,2-Dichlorobenzene	60	Not Detected	360	Not Detected
1,3-Butadiene	60	Not Detected	130	Not Detected
Hexane	60	Not Detected	210	Not Detected
Cyclohexane	60	Not Detected	210	Not Detected
Bromodichloromethane	60	Not Detected	400	Not Detected

Client Sample ID: OC-SG-020-VP21-030806

Lab ID#: 0603270B-25A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031914**	**Date of Collection: 3/8/06**	
Dil. Factor:	**121**	**Date of Analysis: 3/19/06 08:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	60	Not Detected	520	Not Detected
Heptane	60	Not Detected	250	Not Detected
Cumene	60	Not Detected	300	Not Detected
Propylbenzene	60	Not Detected	300	Not Detected
Chloromethane	240	Not Detected	500	Not Detected
1,2,4-Trichlorobenzene	240	Not Detected	1800	Not Detected
Hexachlorobutadiene	240	Not Detected	2600	Not Detected
Acetone	240	Not Detected	570	Not Detected
Carbon Disulfide	60	Not Detected	190	Not Detected
2-Propanol	240	Not Detected	590	Not Detected
trans-1,2-Dichloroethene	60	Not Detected	240	Not Detected
2-Butanone (Methyl Ethyl Ketone)	60	Not Detected	180	Not Detected
Tetrahydrofuran	60	Not Detected	180	Not Detected
1,4-Dioxane	240	Not Detected	870	Not Detected
4-Methyl-2-pentanone	60	Not Detected	250	Not Detected
2-Hexanone	240	Not Detected	990	Not Detected
Bromoform	60	Not Detected	620	Not Detected
4-Ethyltoluene	60	Not Detected	300	Not Detected
Ethanol	240	Not Detected	460	Not Detected
Methyl tert-butyl ether	60	Not Detected	220	Not Detected
2,2,4-Trimethylpentane	60	Not Detected U J	280	Not Detected U J
3-Chloropropene	240	Not Detected	760	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: OC-SG-035K-VP21-030806

Lab ID#: 0603270B-26A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031915**	**Date of Collection: 3/8/06**	
Dil. Factor:	**159**	**Date of Analysis: 3/19/06 09:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	80	Not Detected	390	Not Detected
Freon 114	80	Not Detected	560	Not Detected
Vinyl Chloride	80	Not Detected	200	Not Detected
Bromomethane	80	Not Detected	310	Not Detected
Chloroethane	80	Not Detected	210	Not Detected
Freon 11	80	5000	450	28000
1,1-Dichloroethene	80	25000	320	98000
Freon 113	80	15000	610	120000
Methylene Chloride	80	93	280	320
1,1-Dichloroethane	80	Not Detected	320	Not Detected
cis-1,2-Dichloroethene	80	Not Detected	320	Not Detected
Chloroform	80	Not Detected	390	Not Detected
1,1,1-Trichloroethane	80	Not Detected	430	Not Detected
Carbon Tetrachloride	80	Not Detected	500	Not Detected
Benzene	80	Not Detected	250	Not Detected
1,2-Dichloroethane	80	Not Detected	320	Not Detected
Trichloroethene	80	1200	430	6500
1,2-Dichloropropane	80	Not Detected	370	Not Detected
cis-1,3-Dichloropropene	80	Not Detected	360	Not Detected
Toluene	80	Not Detected	300	Not Detected
trans-1,3-Dichloropropene	80	Not Detected	360	Not Detected
1,1,2-Trichloroethane	80	Not Detected	430	Not Detected
Tetrachloroethene	80	6500	540	44000
1,2-Dibromoethane (EDB)	80	Not Detected	610	Not Detected
Chlorobenzene	80	Not Detected	360	Not Detected
Ethyl Benzene	80	Not Detected	340	Not Detected
m,p-Xylene	80	Not Detected	340	Not Detected
o-Xylene	80	Not Detected	340	Not Detected
Styrene	80	Not Detected	340	Not Detected
1,1,2,2-Tetrachloroethane	80	Not Detected	540	Not Detected
1,3,5-Trimethylbenzene	80	Not Detected	390	Not Detected
1,2,4-Trimethylbenzene	80	Not Detected	390	Not Detected
1,3-Dichlorobenzene	80	Not Detected	480	Not Detected
1,4-Dichlorobenzene	80	Not Detected	480	Not Detected
alpha-Chlorotoluene	80	Not Detected	410	Not Detected
1,2-Dichlorobenzene	80	Not Detected	480	Not Detected
1,3-Butadiene	80	Not Detected	180	Not Detected
Hexane	80	Not Detected	280	Not Detected
Cyclohexane	80	Not Detected	270	Not Detected
Bromodichloromethane	80	Not Detected	530	Not Detected

Client Sample ID: OC-SG-035K-VP21-030806

Lab ID#: 0603270B-26A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031915**	**Date of Collection: 3/8/06**	
Dil. Factor:	**159**	**Date of Analysis: 3/19/06 09:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	80	Not Detected	680	Not Detected
Heptane	80	Not Detected	320	Not Detected
Cumene	80	Not Detected	390	Not Detected
Propylbenzene	80	Not Detected	390	Not Detected
Chloromethane	320	Not Detected	660	Not Detected
1,2,4-Trichlorobenzene	320	Not Detected	2400	Not Detected
Hexachlorobutadiene	320	Not Detected	3400	Not Detected
Acetone	320	Not Detected	760	Not Detected
Carbon Disulfide	80	Not Detected	250	Not Detected
2-Propanol	320	Not Detected	780	Not Detected
trans-1,2-Dichloroethene	80	Not Detected	320	Not Detected
2-Butanone (Methyl Ethyl Ketone)	80	Not Detected	230	Not Detected
Tetrahydrofuran	80	Not Detected	230	Not Detected
1,4-Dioxane	320	Not Detected	1100	Not Detected
4-Methyl-2-pentanone	80	Not Detected	320	Not Detected
2-Hexanone	320	Not Detected	1300	Not Detected
Bromoform	80	Not Detected	820	Not Detected
4-Ethyltoluene	80	Not Detected	390	Not Detected
Ethanol	320	Not Detected	600	Not Detected
Methyl tert-butyl ether	80	Not Detected	290	Not Detected
2,2,4-Trimethylpentane	80	Not Detected U J	370	Not Detected U J
3-Chloropropene	320	Not Detected	1000	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: OC-SG-035K-VP21-030806 Duplicate

Lab ID#: 0603270B-26AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031916**	**Date of Collection: 3/8/06**	
Dil. Factor:	**159**	**Date of Analysis: 3/19/06 10:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	80	Not Detected	390	Not Detected
Freon 114	80	Not Detected	560	Not Detected
Vinyl Chloride	80	Not Detected	200	Not Detected
Bromomethane	80	Not Detected	310	Not Detected
Chloroethane	80	Not Detected	210	Not Detected
Freon 11	80	4900	450	28000
1,1-Dichloroethene	80	23000	320	92000
Freon 113	80	15000	610	110000
Methylene Chloride	80	150	280	520
1,1-Dichloroethane	80	Not Detected	320	Not Detected
cis-1,2-Dichloroethene	80	Not Detected	320	Not Detected
Chloroform	80	Not Detected	390	Not Detected
1,1,1-Trichloroethane	80	Not Detected	430	Not Detected
Carbon Tetrachloride	80	Not Detected	500	Not Detected
Benzene	80	Not Detected	250	Not Detected
1,2-Dichloroethane	80	Not Detected	320	Not Detected
Trichloroethene	80	1300	430	7000
1,2-Dichloropropane	80	Not Detected	370	Not Detected
cis-1,3-Dichloropropene	80	Not Detected	360	Not Detected
Toluene	80	Not Detected	300	Not Detected
trans-1,3-Dichloropropene	80	Not Detected	360	Not Detected
1,1,2-Trichloroethane	80	Not Detected	430	Not Detected
Tetrachloroethene	80	6700	540	46000
1,2-Dibromoethane (EDB)	80	Not Detected	610	Not Detected
Chlorobenzene	80	Not Detected	360	Not Detected
Ethyl Benzene	80	Not Detected	340	Not Detected
m,p-Xylene	80	Not Detected	340	Not Detected
o-Xylene	80	Not Detected	340	Not Detected
Styrene	80	Not Detected	340	Not Detected
1,1,2,2-Tetrachloroethane	80	Not Detected	540	Not Detected
1,3,5-Trimethylbenzene	80	Not Detected	390	Not Detected
1,2,4-Trimethylbenzene	80	Not Detected	390	Not Detected
1,3-Dichlorobenzene	80	Not Detected	480	Not Detected
1,4-Dichlorobenzene	80	Not Detected	480	Not Detected
alpha-Chlorotoluene	80	Not Detected	410	Not Detected
1,2-Dichlorobenzene	80	Not Detected	480	Not Detected
1,3-Butadiene	80	Not Detected	180	Not Detected
Hexane	80	Not Detected	280	Not Detected
Cyclohexane	80	Not Detected	270	Not Detected
Bromodichloromethane	80	Not Detected	530	Not Detected

Client Sample ID: OC-SG-035K-VP21-030806 Duplicate

Lab ID#: 0603270B-26AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031916**	**Date of Collection: 3/8/06**	
Dil. Factor:	**159**	**Date of Analysis: 3/19/06 10:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	80	Not Detected	680	Not Detected
Heptane	80	Not Detected	320	Not Detected
Cumene	80	Not Detected	390	Not Detected
Propylbenzene	80	Not Detected	390	Not Detected
Chloromethane	320	Not Detected	660	Not Detected
1,2,4-Trichlorobenzene	320	Not Detected	2400	Not Detected
Hexachlorobutadiene	320	Not Detected	3400	Not Detected
Acetone	320	Not Detected	760	Not Detected
Carbon Disulfide	80	97	250	300
2-Propanol	320	Not Detected	780	Not Detected
trans-1,2-Dichloroethene	80	Not Detected	320	Not Detected
2-Butanone (Methyl Ethyl Ketone)	80	Not Detected	230	Not Detected
Tetrahydrofuran	80	Not Detected	230	Not Detected
1,4-Dioxane	320	Not Detected	1100	Not Detected
4-Methyl-2-pentanone	80	Not Detected	320	Not Detected
2-Hexanone	320	Not Detected	1300	Not Detected
Bromoform	80	Not Detected	820	Not Detected
4-Ethyltoluene	80	Not Detected	390	Not Detected
Ethanol	320	Not Detected	600	Not Detected
Methyl tert-butyl ether	80	Not Detected	290	Not Detected
2,2,4-Trimethylpentane	80	Not Detected U J	370	Not Detected U J
3-Chloropropene	320	Not Detected	1000	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: OC-SG-039-VP22-030806

Lab ID#: 0603270B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031917**	**Date of Collection: 3/8/06**	
Dil. Factor:	**24.0**	**Date of Analysis: 3/19/06 11:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	12	Not Detected	59	Not Detected
Freon 114	12	Not Detected	84	Not Detected
Vinyl Chloride	12	Not Detected	31	Not Detected
Bromomethane	12	Not Detected	47	Not Detected
Chloroethane	12	Not Detected	32	Not Detected
Freon 11	12	720	67	4000
1,1-Dichloroethene	12	3600	48	14000
Freon 113	12	1900	92	15000
Methylene Chloride	12	12	42	44
1,1-Dichloroethane	12	Not Detected	48	Not Detected
cis-1,2-Dichloroethene	12	Not Detected	48	Not Detected
Chloroform	12	34	58	160
1,1,1-Trichloroethane	12	Not Detected	65	Not Detected
Carbon Tetrachloride	12	Not Detected	76	Not Detected
Benzene	12	Not Detected	38	Not Detected
1,2-Dichloroethane	12	Not Detected	48	Not Detected
Trichloroethene	12	65	64	350
1,2-Dichloropropane	12	Not Detected	55	Not Detected
cis-1,3-Dichloropropene	12	Not Detected	54	Not Detected
Toluene	12	21	45	81
trans-1,3-Dichloropropene	12	Not Detected	54	Not Detected
1,1,2-Trichloroethane	12	Not Detected	65	Not Detected
Tetrachloroethene	12	25	81	170
1,2-Dibromoethane (EDB)	12	Not Detected	92	Not Detected
Chlorobenzene	12	Not Detected	55	Not Detected
Ethyl Benzene	12	Not Detected	52	Not Detected
m,p-Xylene	12	Not Detected	52	Not Detected
o-Xylene	12	Not Detected	52	Not Detected
Styrene	12	Not Detected	51	Not Detected
1,1,2,2-Tetrachloroethane	12	Not Detected	82	Not Detected
1,3,5-Trimethylbenzene	12	Not Detected	59	Not Detected
1,2,4-Trimethylbenzene	12	Not Detected	59	Not Detected
1,3-Dichlorobenzene	12	Not Detected	72	Not Detected
1,4-Dichlorobenzene	12	Not Detected	72	Not Detected
alpha-Chlorotoluene	12	Not Detected	62	Not Detected
1,2-Dichlorobenzene	12	Not Detected	72	Not Detected
1,3-Butadiene	12	Not Detected	26	Not Detected
Hexane	12	Not Detected	42	Not Detected
Cyclohexane	12	Not Detected	41	Not Detected
Bromodichloromethane	12	Not Detected	80	Not Detected

Client Sample ID: OC-SG-039-VP22-030806

Lab ID#: 0603270B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031917**	**Date of Collection: 3/8/06**	
Dil. Factor:	**24.0**	**Date of Analysis: 3/19/06 11:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	12	Not Detected	100	Not Detected
Heptane	12	Not Detected	49	Not Detected
Cumene	12	Not Detected	59	Not Detected
Propylbenzene	12	Not Detected	59	Not Detected
Chloromethane	48	Not Detected	99	Not Detected
1,2,4-Trichlorobenzene	48	Not Detected	360	Not Detected
Hexachlorobutadiene	48	Not Detected	510	Not Detected
Acetone	48	86	110	200
Carbon Disulfide	12	Not Detected	37	Not Detected
2-Propanol	48	Not Detected	120	Not Detected
trans-1,2-Dichloroethene	12	Not Detected	48	Not Detected
2-Butanone (Methyl Ethyl Ketone)	12	86	35	250
Tetrahydrofuran	12	Not Detected	35	Not Detected
1,4-Dioxane	48	Not Detected	170	Not Detected
4-Methyl-2-pentanone	12	Not Detected	49	Not Detected
2-Hexanone	48	Not Detected	200	Not Detected
Bromoform	12	Not Detected	120	Not Detected
4-Ethyltoluene	12	Not Detected	59	Not Detected
Ethanol	48	Not Detected	90	Not Detected
Methyl tert-butyl ether	12	Not Detected	43	Not Detected
2,2,4-Trimethylpentane	12	Not Detected U J	56	Not Detected U J
3-Chloropropene	48	Not Detected	150	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	720 J
1-Propene, 2-methyl-	115-11-7	58%	790 N J
Unknown	NA	NA	470 J
Nonane, 3-methyl-5-propyl-	31081-18-2	59%	71 N J
Heptane, 2,2-dimethyl-	1071-26-7	50%	130 N J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: OC-SG-039-VP22-030806

Lab ID#: 0603270B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031917**	**Date of Collection: 3/8/06**
Dil. Factor:	**24.0**	**Date of Analysis: 3/19/06 11:08 PM**

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-027-VP22-030806

Lab ID#: 0603270B-28A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031918**	**Date of Collection: 3/8/06**	
Dil. Factor:	**26.9**	**Date of Analysis: 3/19/06 11:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	13	Not Detected	66	Not Detected
Freon 114	13	Not Detected	94	Not Detected
Vinyl Chloride	13	Not Detected	34	Not Detected
Bromomethane	13	Not Detected	52	Not Detected
Chloroethane	13	Not Detected	35	Not Detected
Freon 11	13	850	76	4800
1,1-Dichloroethene	13	4000	53	16000
Freon 113	13	2100	100	16000
Methylene Chloride	13	Not Detected	47	Not Detected
1,1-Dichloroethane	13	Not Detected	54	Not Detected
cis-1,2-Dichloroethene	13	Not Detected	53	Not Detected
Chloroform	13	Not Detected	66	Not Detected
1,1,1-Trichloroethane	13	Not Detected	73	Not Detected
Carbon Tetrachloride	13	Not Detected	85	Not Detected
Benzene	13	Not Detected	43	Not Detected
1,2-Dichloroethane	13	Not Detected	54	Not Detected
Trichloroethene	13	71	72	380
1,2-Dichloropropane	13	Not Detected	62	Not Detected
cis-1,3-Dichloropropene	13	Not Detected	61	Not Detected
Toluene	13	28	51	100
trans-1,3-Dichloropropene	13	Not Detected	61	Not Detected
1,1,2-Trichloroethane	13	Not Detected	73	Not Detected
Tetrachloroethene	13	310	91	2100
1,2-Dibromoethane (EDB)	13	Not Detected	100	Not Detected
Chlorobenzene	13	Not Detected	62	Not Detected
Ethyl Benzene	13	Not Detected	58	Not Detected
m,p-Xylene	13	Not Detected	58	Not Detected
o-Xylene	13	Not Detected	58	Not Detected
Styrene	13	Not Detected	57	Not Detected
1,1,2,2-Tetrachloroethane	13	Not Detected	92	Not Detected
1,3,5-Trimethylbenzene	13	Not Detected	66	Not Detected
1,2,4-Trimethylbenzene	13	Not Detected	66	Not Detected
1,3-Dichlorobenzene	13	Not Detected	81	Not Detected
1,4-Dichlorobenzene	13	Not Detected	81	Not Detected
alpha-Chlorotoluene	13	Not Detected	70	Not Detected
1,2-Dichlorobenzene	13	Not Detected	81	Not Detected
1,3-Butadiene	13	Not Detected	30	Not Detected
Hexane	13	Not Detected	47	Not Detected
Cyclohexane	13	Not Detected	46	Not Detected
Bromodichloromethane	13	Not Detected	90	Not Detected

Client Sample ID: OC-SG-027-VP22-030806

Lab ID#: 0603270B-28A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031918**	**Date of Collection: 3/8/06**	
Dil. Factor:	**26.9**	**Date of Analysis: 3/19/06 11:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	13	Not Detected	110	Not Detected
Heptane	13	Not Detected	55	Not Detected
Cumene	13	Not Detected	66	Not Detected
Propylbenzene	13	Not Detected	66	Not Detected
Chloromethane	54	Not Detected	110	Not Detected
1,2,4-Trichlorobenzene	54	Not Detected	400	Not Detected
Hexachlorobutadiene	54	Not Detected	570	Not Detected
Acetone	54	90	130	210
Carbon Disulfide	13	Not Detected	42	Not Detected
2-Propanol	54	Not Detected	130	Not Detected
trans-1,2-Dichloroethene	13	Not Detected	53	Not Detected
2-Butanone (Methyl Ethyl Ketone)	13	36	40	100
Tetrahydrofuran	13	Not Detected	40	Not Detected
1,4-Dioxane	54	Not Detected	190	Not Detected
4-Methyl-2-pentanone	13	Not Detected	55	Not Detected
2-Hexanone	54	Not Detected	220	Not Detected
Bromoform	13	Not Detected	140	Not Detected
4-Ethyltoluene	13	Not Detected	66	Not Detected
Ethanol	54	Not Detected	100	Not Detected
Methyl tert-butyl ether	13	Not Detected	48	Not Detected
2,2,4-Trimethylpentane	13	Not Detected U J	63	Not Detected U J
3-Chloropropene	54	Not Detected	170	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	420 J
Unknown	NA	NA	560 J
Unknown	NA	NA	170 J
Decane, 2,2-dimethyl-	17302-37-3	72%	68 N J
Undecane, 4,6-dimethyl-	17312-82-2	64%	130 N J
Heptane, 2,2-dimethyl-	1071-26-7	64%	230 N J
Tetradecane, 4-methyl-	25117-24-2	72%	77 N J
Unknown	NA	NA	490 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-027-VP22-030806

Lab ID#: 0603270B-28A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031918**	**Date of Collection: 3/8/06**	
Dil. Factor:	**26.9**	**Date of Analysis: 3/19/06 11:49 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: OC-SG-018-VP22-030806

Lab ID#: 0603270B-29A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031919**	**Date of Collection: 3/8/06**	
Dil. Factor:	**5.87**	**Date of Analysis: 3/20/06 12:27 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.9	5.8	14	29
Freon 114	2.9	Not Detected	20	Not Detected
Vinyl Chloride	2.9	Not Detected	7.5	Not Detected
Bromomethane	2.9	Not Detected	11	Not Detected
Chloroethane	2.9	Not Detected	7.7	Not Detected
Freon 11	2.9	310	16	1700
1,1-Dichloroethene	2.9	980	12	3900
Freon 113	2.9	480	22	3600
Methylene Chloride	2.9	Not Detected	10	Not Detected
1,1-Dichloroethane	2.9	Not Detected	12	Not Detected
cis-1,2-Dichloroethene	2.9	Not Detected	12	Not Detected
Chloroform	2.9	5.0	14	25
1,1,1-Trichloroethane	2.9	Not Detected	16	Not Detected
Carbon Tetrachloride	2.9	Not Detected	18	Not Detected
Benzene	2.9	10	9.4	33
1,2-Dichloroethane	2.9	Not Detected	12	Not Detected
Trichloroethene	2.9	10	16	56
1,2-Dichloropropane	2.9	Not Detected	14	Not Detected
cis-1,3-Dichloropropene	2.9	Not Detected	13	Not Detected
Toluene	2.9	33	11	120
trans-1,3-Dichloropropene	2.9	Not Detected	13	Not Detected
1,1,2-Trichloroethane	2.9	Not Detected	16	Not Detected
Tetrachloroethene	2.9	53	20	360
1,2-Dibromoethane (EDB)	2.9	Not Detected	22	Not Detected
Chlorobenzene	2.9	Not Detected	14	Not Detected
Ethyl Benzene	2.9	4.2	13	18
m,p-Xylene	2.9	12	13	53
o-Xylene	2.9	5.5	13	24
Styrene	2.9	Not Detected	12	Not Detected
1,1,2,2-Tetrachloroethane	2.9	Not Detected	20	Not Detected
1,3,5-Trimethylbenzene	2.9	Not Detected	14	Not Detected
1,2,4-Trimethylbenzene	2.9	3.2	14	16
1,3-Dichlorobenzene	2.9	Not Detected	18	Not Detected
1,4-Dichlorobenzene	2.9	Not Detected	18	Not Detected
alpha-Chlorotoluene	2.9	Not Detected	15	Not Detected
1,2-Dichlorobenzene	2.9	Not Detected	18	Not Detected
1,3-Butadiene	2.9	Not Detected	6.5	Not Detected
Hexane	2.9	5.5	10	20
Cyclohexane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	2.9	Not Detected	20	Not Detected

Client Sample ID: OC-SG-018-VP22-030806

Lab ID#: 0603270B-29A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031919**	**Date of Collection: 3/8/06**	
Dil. Factor:	**5.87**	**Date of Analysis: 3/20/06 12:27 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	2.9	Not Detected	25	Not Detected
Heptane	2.9	3.6	12	15
Cumene	2.9	Not Detected	14	Not Detected
Propylbenzene	2.9	Not Detected	14	Not Detected
Chloromethane	12	Not Detected	24	Not Detected
1,2,4-Trichlorobenzene	12	Not Detected	87	Not Detected
Hexachlorobutadiene	12	Not Detected	120	Not Detected
Acetone	12	73	28	170
Carbon Disulfide	2.9	Not Detected	9.1	Not Detected
2-Propanol	12	Not Detected	29	Not Detected
trans-1,2-Dichloroethene	2.9	Not Detected	12	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	27	8.6	79
Tetrahydrofuran	2.9	Not Detected	8.6	Not Detected
1,4-Dioxane	12	Not Detected	42	Not Detected
4-Methyl-2-pentanone	2.9	Not Detected	12	Not Detected
2-Hexanone	12	Not Detected	48	Not Detected
Bromoform	2.9	Not Detected	30	Not Detected
4-Ethyltoluene	2.9	3.4	14	17
Ethanol	12	Not Detected	22	Not Detected
Methyl tert-butyl ether	2.9	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	2.9	3.1 J	14	14 J
3-Chloropropene	12	Not Detected	37	Not Detected

J = Estimated value due to bias in the CCV.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
2-Butene, (E)-	624-64-6	80%	270 N J
Unknown	NA	NA	98 J
Cyclopropane, 1,2-dimethyl-1-pentyl-	62238-04-4	59%	56 N J
1-Octene, 3-ethyl-	74630-08-3	64%	64 N J
Decane, 2,2,5-trimethyl-	62237-96-1	64%	77 N J
Hexatriacontane	630-06-8	59%	87 N J
Unknown	NA	NA	54 J
Heptane, 2,2-dimethyl-	1071-26-7	64%	180 N J
Unknown	NA	NA	61 J
Unknown	NA	NA	310 J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-018-VP22-030806

Lab ID#: 0603270B-29A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031919**	**Date of Collection: 3/8/06**	
Dil. Factor:	**5.87**	**Date of Analysis: 3/20/06 12:27 AM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	107	70-130

Client Sample ID: OC-SG-018-VP22-030806 Duplicate

Lab ID#: 0603270B-29AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031920**	**Date of Collection: 3/8/06**	
Dil. Factor:	**5.87**	**Date of Analysis: 3/20/06 01:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.9	5.7	14	28
Freon 114	2.9	Not Detected	20	Not Detected
Vinyl Chloride	2.9	Not Detected	7.5	Not Detected
Bromomethane	2.9	Not Detected	11	Not Detected
Chloroethane	2.9	Not Detected	7.7	Not Detected
Freon 11	2.9	300	16	1700
1,1-Dichloroethene	2.9	1000	12	4000
Freon 113	2.9	480	22	3700
Methylene Chloride	2.9	Not Detected	10	Not Detected
1,1-Dichloroethane	2.9	Not Detected	12	Not Detected
cis-1,2-Dichloroethene	2.9	Not Detected	12	Not Detected
Chloroform	2.9	5.0	14	25
1,1,1-Trichloroethane	2.9	Not Detected	16	Not Detected
Carbon Tetrachloride	2.9	Not Detected	18	Not Detected
Benzene	2.9	9.8	9.4	31
1,2-Dichloroethane	2.9	Not Detected	12	Not Detected
Trichloroethene	2.9	10	16	54
1,2-Dichloropropane	2.9	Not Detected	14	Not Detected
cis-1,3-Dichloropropene	2.9	Not Detected	13	Not Detected
Toluene	2.9	32	11	120
trans-1,3-Dichloropropene	2.9	Not Detected	13	Not Detected
1,1,2-Trichloroethane	2.9	Not Detected	16	Not Detected
Tetrachloroethene	2.9	52	20	360
1,2-Dibromoethane (EDB)	2.9	Not Detected	22	Not Detected
Chlorobenzene	2.9	Not Detected	14	Not Detected
Ethyl Benzene	2.9	4.2	13	18
m,p-Xylene	2.9	12	13	53
o-Xylene	2.9	6.0	13	26
Styrene	2.9	Not Detected	12	Not Detected
1,1,2,2-Tetrachloroethane	2.9	Not Detected	20	Not Detected
1,3,5-Trimethylbenzene	2.9	Not Detected	14	Not Detected
1,2,4-Trimethylbenzene	2.9	3.2	14	16
1,3-Dichlorobenzene	2.9	Not Detected	18	Not Detected
1,4-Dichlorobenzene	2.9	Not Detected	18	Not Detected
alpha-Chlorotoluene	2.9	Not Detected	15	Not Detected
1,2-Dichlorobenzene	2.9	Not Detected	18	Not Detected
1,3-Butadiene	2.9	Not Detected	6.5	Not Detected
Hexane	2.9	6.0	10	21
Cyclohexane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	2.9	Not Detected	20	Not Detected

Client Sample ID: OC-SG-018-VP22-030806 Duplicate

Lab ID#: 0603270B-29AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031920**	**Date of Collection: 3/8/06**	
Dil. Factor:	**5.87**	**Date of Analysis: 3/20/06 01:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	2.9	Not Detected	25	Not Detected
Heptane	2.9	3.2	12	13
Cumene	2.9	Not Detected	14	Not Detected
Propylbenzene	2.9	Not Detected	14	Not Detected
Chloromethane	12	Not Detected	24	Not Detected
1,2,4-Trichlorobenzene	12	Not Detected	87	Not Detected
Hexachlorobutadiene	12	Not Detected	120	Not Detected
Acetone	12	77	28	180
Carbon Disulfide	2.9	Not Detected	9.1	Not Detected
2-Propanol	12	Not Detected	29	Not Detected
trans-1,2-Dichloroethene	2.9	Not Detected	12	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	30	8.6	87
Tetrahydrofuran	2.9	Not Detected	8.6	Not Detected
1,4-Dioxane	12	Not Detected	42	Not Detected
4-Methyl-2-pentanone	2.9	Not Detected	12	Not Detected
2-Hexanone	12	Not Detected	48	Not Detected
Bromoform	2.9	Not Detected	30	Not Detected
4-Ethyltoluene	2.9	3.5	14	17
Ethanol	12	Not Detected	22	Not Detected
Methyl tert-butyl ether	2.9	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	2.9	3.2 J	14	15 J
3-Chloropropene	12	Not Detected	37	Not Detected

J = Estimated value due to bias in the CCV.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
2-Butene, (E)-	624-64-6	72%	270 N J
Unknown	NA	NA	100 J
Cyclopropane, 1,2-dimethyl-1-pentyl-	62238-04-4	43%	55 N J
1-Octene, 3-ethyl-	74630-08-3	72%	62 N J
Decane, 2,2,5-trimethyl-	62237-96-1	64%	78 N J
Hexatriacontane	630-06-8	59%	95 N J
Unknown	NA	NA	55 J
Heptane, 2,2-dimethyl-	1071-26-7	64%	180 N J
Unknown	NA	NA	64 J
Unknown	NA	NA	320 J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-018-VP22-030806 Duplicate

Lab ID#: 0603270B-29AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031920**	**Date of Collection: 3/8/06**	
Dil. Factor:	**5.87**	**Date of Analysis: 3/20/06 01:05 AM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: OC-SG-022-VP23-030906

Lab ID#: 0603270B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031921**	**Date of Collection: 3/9/06**	
Dil. Factor:	**2.38**	**Date of Analysis: 3/20/06 01:43 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	3.4	5.9	17
Freon 114	1.2	Not Detected	8.3	Not Detected
Vinyl Chloride	1.2	Not Detected	3.0	Not Detected
Bromomethane	1.2	Not Detected	4.6	Not Detected
Chloroethane	1.2	Not Detected	3.1	Not Detected
Freon 11	1.2	46	6.7	260
1,1-Dichloroethene	1.2	120	4.7	500
Freon 113	1.2	78	9.1	600
Methylene Chloride	1.2	Not Detected	4.1	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.8	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Chloroform	1.2	2.9	5.8	14
1,1,1-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.5	Not Detected
Benzene	1.2	9.3	3.8	30
1,2-Dichloroethane	1.2	Not Detected	4.8	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.5	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
Toluene	1.2	26	4.5	98
trans-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Tetrachloroethene	1.2	4.1	8.1	28
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.1	Not Detected
Chlorobenzene	1.2	Not Detected	5.5	Not Detected
Ethyl Benzene	1.2	2.8	5.2	12
m,p-Xylene	1.2	7.1	5.2	31
o-Xylene	1.2	3.2	5.2	14
Styrene	1.2	Not Detected	5.1	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.2	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,2,4-Trimethylbenzene	1.2	1.8	5.8	9.0
1,3-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.2	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,3-Butadiene	1.2	15	2.6	32
Hexane	1.2	6.2	4.2	22
Cyclohexane	1.2	Not Detected	4.1	Not Detected
Bromodichloromethane	1.2	1.4	8.0	9.3

Client Sample ID: OC-SG-022-VP23-030906

Lab ID#: 0603270B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031921**	**Date of Collection: 3/9/06**	
Dil. Factor:	**2.38**	**Date of Analysis: 3/20/06 01:43 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
Heptane	1.2	4.4	4.9	18
Cumene	1.2	Not Detected	5.8	Not Detected
Propylbenzene	1.2	Not Detected	5.8	Not Detected
Chloromethane	4.8	Not Detected	9.8	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	35	Not Detected
Hexachlorobutadiene	4.8	Not Detected	51	Not Detected
Acetone	4.8	87	11	210
Carbon Disulfide	1.2	Not Detected	3.7	Not Detected
2-Propanol	4.8	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	18	3.5	54
Tetrahydrofuran	1.2	Not Detected	3.5	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	4.9	Not Detected
2-Hexanone	4.8	Not Detected	19	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
4-Ethyltoluene	1.2	2.0	5.8	9.9
Ethanol	4.8	10	9.0	19
Methyl tert-butyl ether	1.2	Not Detected	4.3	Not Detected
2,2,4-Trimethylpentane	1.2	1.6 J	5.6	7.3 J
3-Chloropropene	4.8	Not Detected	15	Not Detected

J = Estimated value due to bias in the CCV.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	760 J
1-Propene, 2-methyl-	115-11-7	64%	330 N J
Unknown	NA	NA	100 J
Unknown	NA	NA	82 J
1-Octene, 3-ethyl-	74630-08-3	64%	68 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	78%	84 N J
Decane, 2,2-dimethyl-	17302-37-3	64%	50 N J
Undecane, 4,7-dimethyl-	17301-32-5	72%	57 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	72%	120 N J
Unknown	NA	NA	180 J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-022-VP23-030906

Lab ID#: 0603270B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031921**	**Date of Collection: 3/9/06**	
Dil. Factor:	**2.38**	**Date of Analysis: 3/20/06 01:43 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	111	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: OC-SG-029-VP23-030906

Lab ID#: 0603270B-31A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031922**	**Date of Collection: 3/9/06**	
Dil. Factor:	**13.1**	**Date of Analysis: 3/20/06 02:25 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.6	12	32	60
Freon 114	6.6	Not Detected	46	Not Detected
Vinyl Chloride	6.6	Not Detected	17	Not Detected
Bromomethane	6.6	Not Detected	25	Not Detected
Chloroethane	6.6	Not Detected	17	Not Detected
Freon 11	6.6	330	37	1900
1,1-Dichloroethene	6.6	1500	26	6100
Freon 113	6.6	1200	50	9200
Methylene Chloride	6.6	12	23	41
1,1-Dichloroethane	6.6	Not Detected	26	Not Detected
cis-1,2-Dichloroethene	6.6	Not Detected	26	Not Detected
Chloroform	6.6	Not Detected	32	Not Detected
1,1,1-Trichloroethane	6.6	Not Detected	36	Not Detected
Carbon Tetrachloride	6.6	Not Detected	41	Not Detected
Benzene	6.6	8.1	21	26
1,2-Dichloroethane	6.6	Not Detected	26	Not Detected
Trichloroethene	6.6	Not Detected	35	Not Detected
1,2-Dichloropropane	6.6	Not Detected	30	Not Detected
cis-1,3-Dichloropropene	6.6	Not Detected	30	Not Detected
Toluene	6.6	23	25	86
trans-1,3-Dichloropropene	6.6	Not Detected	30	Not Detected
1,1,2-Trichloroethane	6.6	Not Detected	36	Not Detected
Tetrachloroethene	6.6	68	44	460
1,2-Dibromoethane (EDB)	6.6	Not Detected	50	Not Detected
Chlorobenzene	6.6	Not Detected	30	Not Detected
Ethyl Benzene	6.6	Not Detected	28	Not Detected
m,p-Xylene	6.6	7.1	28	31
o-Xylene	6.6	Not Detected	28	Not Detected
Styrene	6.6	Not Detected	28	Not Detected
1,1,2,2-Tetrachloroethane	6.6	Not Detected	45	Not Detected
1,3,5-Trimethylbenzene	6.6	Not Detected	32	Not Detected
1,2,4-Trimethylbenzene	6.6	Not Detected	32	Not Detected
1,3-Dichlorobenzene	6.6	Not Detected	39	Not Detected
1,4-Dichlorobenzene	6.6	Not Detected	39	Not Detected
alpha-Chlorotoluene	6.6	Not Detected	34	Not Detected
1,2-Dichlorobenzene	6.6	Not Detected	39	Not Detected
1,3-Butadiene	6.6	21	14	48
Hexane	6.6	8.9	23	31
Cyclohexane	6.6	Not Detected	22	Not Detected
Bromodichloromethane	6.6	Not Detected	44	Not Detected

Client Sample ID: OC-SG-029-VP23-030906

Lab ID#: 0603270B-31A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031922**	**Date of Collection: 3/9/06**	
Dil. Factor:	**13.1**	**Date of Analysis: 3/20/06 02:25 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	6.6	Not Detected	56	Not Detected
Heptane	6.6	Not Detected	27	Not Detected
Cumene	6.6	Not Detected	32	Not Detected
Propylbenzene	6.6	Not Detected	32	Not Detected
Chloromethane	26	Not Detected	54	Not Detected
1,2,4-Trichlorobenzene	26	Not Detected	190	Not Detected
Hexachlorobutadiene	26	Not Detected	280	Not Detected
Acetone	26	83	62	200
Carbon Disulfide	6.6	8.5	20	26
2-Propanol	26	Not Detected	64	Not Detected
trans-1,2-Dichloroethene	6.6	Not Detected	26	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.6	28	19	83
Tetrahydrofuran	6.6	Not Detected	19	Not Detected
1,4-Dioxane	26	Not Detected	94	Not Detected
4-Methyl-2-pentanone	6.6	Not Detected	27	Not Detected
2-Hexanone	26	Not Detected	110	Not Detected
Bromoform	6.6	Not Detected	68	Not Detected
4-Ethyltoluene	6.6	Not Detected	32	Not Detected
Ethanol	26	Not Detected	49	Not Detected
Methyl tert-butyl ether	6.6	Not Detected	24	Not Detected
2,2,4-Trimethylpentane	6.6	Not Detected U J	30	Not Detected U J
3-Chloropropene	26	Not Detected	82	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	540 J
2-Butene, (E)-	624-64-6	49%	450 N J
Unknown	NA	NA	150 J
Butane, 2-methyl-	78-78-4	80%	66 N J
Unknown	NA	NA	41 J
Unknown	NA	NA	56 J
Decane, 2,2,5-trimethyl-	62237-96-1	64%	46 N J
Undecane, 4,6-dimethyl-	17312-82-2	64%	82 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	72%	150 N J
Unknown	NA	NA	99 J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-029-VP23-030906

Lab ID#: 0603270B-31A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031922**	**Date of Collection: 3/9/06**	
Dil. Factor:	**13.1**	**Date of Analysis: 3/20/06 02:25 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	111	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: OC-SG-045-VP23-030906

Lab ID#: 0603270B-32A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031923**	**Date of Collection: 3/9/06**	
Dil. Factor:	**11.2**	**Date of Analysis: 3/20/06 03:03 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.6	15	28	74
Freon 114	5.6	Not Detected	39	Not Detected
Vinyl Chloride	5.6	Not Detected	14	Not Detected
Bromomethane	5.6	Not Detected	22	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	5.6	370	31	2100
1,1-Dichloroethene	5.6	1300	22	5200
Freon 113	5.6	1300	43	9900
Methylene Chloride	5.6	9.8	19	34
1,1-Dichloroethane	5.6	Not Detected	23	Not Detected
cis-1,2-Dichloroethene	5.6	Not Detected	22	Not Detected
Chloroform	5.6	Not Detected	27	Not Detected
1,1,1-Trichloroethane	5.6	Not Detected	30	Not Detected
Carbon Tetrachloride	5.6	Not Detected	35	Not Detected
Benzene	5.6	13	18	42
1,2-Dichloroethane	5.6	Not Detected	23	Not Detected
Trichloroethene	5.6	Not Detected	30	Not Detected
1,2-Dichloropropane	5.6	Not Detected	26	Not Detected
cis-1,3-Dichloropropene	5.6	Not Detected	25	Not Detected
Toluene	5.6	28	21	110
trans-1,3-Dichloropropene	5.6	Not Detected	25	Not Detected
1,1,2-Trichloroethane	5.6	Not Detected	30	Not Detected
Tetrachloroethene	5.6	57	38	380
1,2-Dibromoethane (EDB)	5.6	Not Detected	43	Not Detected
Chlorobenzene	5.6	Not Detected	26	Not Detected
Ethyl Benzene	5.6	Not Detected	24	Not Detected
m,p-Xylene	5.6	9.0	24	39
o-Xylene	5.6	Not Detected	24	Not Detected
Styrene	5.6	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.6	Not Detected	38	Not Detected
1,3,5-Trimethylbenzene	5.6	Not Detected	28	Not Detected
1,2,4-Trimethylbenzene	5.6	Not Detected	28	Not Detected
1,3-Dichlorobenzene	5.6	Not Detected	34	Not Detected
1,4-Dichlorobenzene	5.6	Not Detected	34	Not Detected
alpha-Chlorotoluene	5.6	Not Detected	29	Not Detected
1,2-Dichlorobenzene	5.6	Not Detected	34	Not Detected
1,3-Butadiene	5.6	35	12	78
Hexane	5.6	12	20	42
Cyclohexane	5.6	Not Detected	19	Not Detected
Bromodichloromethane	5.6	Not Detected	38	Not Detected

Client Sample ID: OC-SG-045-VP23-030906

Lab ID#: 0603270B-32A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031923**	**Date of Collection: 3/9/06**	
Dil. Factor:	**11.2**	**Date of Analysis: 3/20/06 03:03 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	5.6	Not Detected	48	Not Detected
Heptane	5.6	Not Detected	23	Not Detected
Cumene	5.6	Not Detected	28	Not Detected
Propylbenzene	5.6	Not Detected	28	Not Detected
Chloromethane	22	Not Detected	46	Not Detected
1,2,4-Trichlorobenzene	22	Not Detected	170	Not Detected
Hexachlorobutadiene	22	Not Detected	240	Not Detected
Acetone	22	64	53	150
Carbon Disulfide	5.6	7.2	17	22
2-Propanol	22	Not Detected	55	Not Detected
trans-1,2-Dichloroethene	5.6	Not Detected	22	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	28	16	82
Tetrahydrofuran	5.6	Not Detected	16	Not Detected
1,4-Dioxane	22	Not Detected	81	Not Detected
4-Methyl-2-pentanone	5.6	Not Detected	23	Not Detected
2-Hexanone	22	Not Detected	92	Not Detected
Bromoform	5.6	Not Detected	58	Not Detected
4-Ethyltoluene	5.6	Not Detected	28	Not Detected
Ethanol	22	Not Detected	42	Not Detected
Methyl tert-butyl ether	5.6	Not Detected	20	Not Detected
2,2,4-Trimethylpentane	5.6	Not Detected U J	26	Not Detected U J
3-Chloropropene	22	Not Detected	70	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1900 J
Unknown	NA	NA	83 J
2-Butene, (Z)-	590-18-1	58%	950 N J
Unknown	NA	NA	180 J
Butane, 2-methyl-	78-78-4	78%	60 N J
Unknown	NA	NA	46 J
Cyclopropane, 1,1-dimethyl-	1630-94-0	27%	41 N J
1-Octene, 3-ethyl-	74630-08-3	72%	75 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	100 N J
Unknown	NA	NA	100 J

Container Type: 1 Liter Summa Canister

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Client Sample ID: OC-SG-045-VP23-030906

Lab ID#: 0603270B-32A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031923**	**Date of Collection: 3/9/06**	
Dil. Factor:	**11.2**	**Date of Analysis: 3/20/06 03:03 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: OC-SG-045K-VP23-030906

Lab ID#: 0603270B-33A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031924**	**Date of Collection: 3/9/06**	
Dil. Factor:	**11.2**	**Date of Analysis: 3/20/06 03:41 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.6	14	28	72
Freon 114	5.6	Not Detected	39	Not Detected
Vinyl Chloride	5.6	Not Detected	14	Not Detected
Bromomethane	5.6	Not Detected	22	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	5.6	350	31	2000
1,1-Dichloroethene	5.6	1200	22	4900
Freon 113	5.6	1200	43	9400
Methylene Chloride	5.6	9.5	19	33
1,1-Dichloroethane	5.6	Not Detected	23	Not Detected
cis-1,2-Dichloroethene	5.6	Not Detected	22	Not Detected
Chloroform	5.6	Not Detected	27	Not Detected
1,1,1-Trichloroethane	5.6	Not Detected	30	Not Detected
Carbon Tetrachloride	5.6	Not Detected	35	Not Detected
Benzene	5.6	13	18	41
1,2-Dichloroethane	5.6	Not Detected	23	Not Detected
Trichloroethene	5.6	Not Detected	30	Not Detected
1,2-Dichloropropane	5.6	Not Detected	26	Not Detected
cis-1,3-Dichloropropene	5.6	Not Detected	25	Not Detected
Toluene	5.6	28	21	100
trans-1,3-Dichloropropene	5.6	Not Detected	25	Not Detected
1,1,2-Trichloroethane	5.6	Not Detected	30	Not Detected
Tetrachloroethene	5.6	55	38	370
1,2-Dibromoethane (EDB)	5.6	Not Detected	43	Not Detected
Chlorobenzene	5.6	Not Detected	26	Not Detected
Ethyl Benzene	5.6	Not Detected	24	Not Detected
m,p-Xylene	5.6	8.7	24	38
o-Xylene	5.6	Not Detected	24	Not Detected
Styrene	5.6	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.6	Not Detected	38	Not Detected
1,3,5-Trimethylbenzene	5.6	Not Detected	28	Not Detected
1,2,4-Trimethylbenzene	5.6	Not Detected	28	Not Detected
1,3-Dichlorobenzene	5.6	Not Detected	34	Not Detected
1,4-Dichlorobenzene	5.6	Not Detected	34	Not Detected
alpha-Chlorotoluene	5.6	Not Detected	29	Not Detected
1,2-Dichlorobenzene	5.6	Not Detected	34	Not Detected
1,3-Butadiene	5.6	35	12	77
Hexane	5.6	11	20	39
Cyclohexane	5.6	Not Detected	19	Not Detected
Bromodichloromethane	5.6	Not Detected	38	Not Detected

Client Sample ID: OC-SG-045K-VP23-030906

Lab ID#: 0603270B-33A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031924**	**Date of Collection: 3/9/06**	
Dil. Factor:	**11.2**	**Date of Analysis: 3/20/06 03:41 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	5.6	Not Detected	48	Not Detected
Heptane	5.6	Not Detected	23	Not Detected
Cumene	5.6	Not Detected	28	Not Detected
Propylbenzene	5.6	Not Detected	28	Not Detected
Chloromethane	22	Not Detected	46	Not Detected
1,2,4-Trichlorobenzene	22	Not Detected	170	Not Detected
Hexachlorobutadiene	22	Not Detected	240	Not Detected
Acetone	22	66	53	160
Carbon Disulfide	5.6	8.3	17	26
2-Propanol	22	Not Detected	55	Not Detected
trans-1,2-Dichloroethene	5.6	Not Detected	22	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	28	16	84
Tetrahydrofuran	5.6	Not Detected	16	Not Detected
1,4-Dioxane	22	Not Detected	81	Not Detected
4-Methyl-2-pentanone	5.6	Not Detected	23	Not Detected
2-Hexanone	22	Not Detected	92	Not Detected
Bromoform	5.6	Not Detected	58	Not Detected
4-Ethyltoluene	5.6	Not Detected	28	Not Detected
Ethanol	22	Not Detected	42	Not Detected
Methyl tert-butyl ether	5.6	Not Detected	20	Not Detected
2,2,4-Trimethylpentane	5.6	Not Detected U J	26	Not Detected U J
3-Chloropropene	22	Not Detected	70	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1900 J
Unknown	NA	NA	85 J
2-Butene, (E)-	624-64-6	53%	910 N J
Unknown	NA	NA	180 J
Butane, 2-methyl-	78-78-4	86%	56 N J
Unknown	NA	NA	42 J
Unknown	NA	NA	44 J
Unknown	NA	NA	81 J
Unknown	NA	NA	53 J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	89 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

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Client Sample ID: OC-SG-045K-VP23-030906

Lab ID#: 0603270B-33A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031924**	**Date of Collection: 3/9/06**	
Dil. Factor:	**11.2**	**Date of Analysis: 3/20/06 03:41 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	109	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: Lab Blank

Lab ID#: 0603270B-34A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031907**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/19/06 02:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0603270B-34A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031907**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/19/06 02:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected U J	2.3	Not Detected U J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: CCV

Lab ID#: 0603270B-35A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/19/06 10:30 AM**	

Compound	%Recovery
Freon 12	93
Freon 114	87
Vinyl Chloride	78
Bromomethane	84
Chloroethane	77
Freon 11	91
1,1-Dichloroethene	86
Freon 113	87
Methylene Chloride	76
1,1-Dichloroethane	84
cis-1,2-Dichloroethene	87
Chloroform	84
1,1,1-Trichloroethane	89
Carbon Tetrachloride	90
Benzene	82
1,2-Dichloroethane	92
Trichloroethene	86
1,2-Dichloropropane	86
cis-1,3-Dichloropropene	89
Toluene	84
trans-1,3-Dichloropropene	85
1,1,2-Trichloroethane	79
Tetrachloroethene	78
1,2-Dibromoethane (EDB)	82
Chlorobenzene	78
Ethyl Benzene	81
m,p-Xylene	78
o-Xylene	84
Styrene	79
1,1,2,2-Tetrachloroethane	76
1,3,5-Trimethylbenzene	87
1,2,4-Trimethylbenzene	85
1,3-Dichlorobenzene	81
1,4-Dichlorobenzene	82
alpha-Chlorotoluene	82
1,2-Dichlorobenzene	81
1,3-Butadiene	102
Hexane	75
Cyclohexane	86
Bromodichloromethane	89

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Client Sample ID: CCV

Lab ID#: 0603270B-35A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/19/06 10:30 AM**	

Compound	**%Recovery**
Dibromochloromethane	84
Heptane	89
Cumene	81
Propylbenzene	82
Chloromethane	83
1,2,4-Trichlorobenzene	85
Hexachlorobutadiene	92
Acetone	80
Carbon Disulfide	80
2-Propanol	85
trans-1,2-Dichloroethene	81
2-Butanone (Methyl Ethyl Ketone)	88
Tetrahydrofuran	88
1,4-Dioxane	90
4-Methyl-2-pentanone	93
2-Hexanone	88
Bromoform	85
4-Ethyltoluene	80
Ethanol	83
Methyl tert-butyl ether	103
2,2,4-Trimethylpentane	65 Q
3-Chloropropene	82

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	109	70-130

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Client Sample ID: LCS

Lab ID#: 0603270B-36A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/19/06 11:13 AM**	

Compound	%Recovery
Freon 12	99
Freon 114	96
Vinyl Chloride	80
Bromomethane	94
Chloroethane	89
Freon 11	99
1,1-Dichloroethene	93
Freon 113	95
Methylene Chloride	85
1,1-Dichloroethane	92
cis-1,2-Dichloroethene	95
Chloroform	92
1,1,1-Trichloroethane	98
Carbon Tetrachloride	99
Benzene	89
1,2-Dichloroethane	93
Trichloroethene	92
1,2-Dichloropropane	93
cis-1,3-Dichloropropene	80
Toluene	90
trans-1,3-Dichloropropene	50 Q
1,1,2-Trichloroethane	84
Tetrachloroethene	84
1,2-Dibromoethane (EDB)	86
Chlorobenzene	83
Ethyl Benzene	89
m,p-Xylene	78
o-Xylene	78
Styrene	82
1,1,2,2-Tetrachloroethane	83
1,3,5-Trimethylbenzene	82
1,2,4-Trimethylbenzene	63 Q
1,3-Dichlorobenzene	83
1,4-Dichlorobenzene	83
alpha-Chlorotoluene	101
1,2-Dichlorobenzene	82
1,3-Butadiene	100
Hexane	91
Cyclohexane	91
Bromodichloromethane	82

Client Sample ID: LCS

Lab ID#: 0603270B-36A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/19/06 11:13 AM**	

Compound	%Recovery
Dibromochloromethane	77
Heptane	91
Cumene	94
Propylbenzene	98
Chloromethane	93
1,2,4-Trichlorobenzene	83
Hexachlorobutadiene	85
Acetone	85
Carbon Disulfide	91
2-Propanol	90
trans-1,2-Dichloroethene	86
2-Butanone (Methyl Ethyl Ketone)	96
Tetrahydrofuran	91
1,4-Dioxane	88
4-Methyl-2-pentanone	97
2-Hexanone	86
Bromoform	69
4-Ethyltoluene	93
Ethanol	87
Methyl tert-butyl ether	108
2,2,4-Trimethylpentane	98
3-Chloropropene	101

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	106	70-130

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CHAIN-OF-CUSTODY RECORD

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Contact Person: Sharon Wallin
Company: CDM, Inc. Email:
Address: 18581 Tyler Ave. Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1307
Collected by: (Signature) Scott A Sanderson

Project Info:
P.O. #:
Project #: 10500-37240
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by: [illegible]
Date: 3/16/06
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	PID (ppm)
21A	OC-SG-048-VP21-030806	94915	3/8/06	1244	TO-15 (VOCs & Freon 11, 12, 113)	-30	-5	3.0"Hg	15.0psi	222
22A	OC-SG-043-VP21-030806	31755	↓	1251	↓	-29	-5	5.0"Hg	↓	591
23A	OC-SG-035-VP21-030806	4073	↓	1300	↓	-30	-5	5.0"Hg	↓	48.3
24A	OC-SG-029-VP21-030806	9514	↓	1307	↓	-26	-5	3.5"Hg	↓	44
25A	OC-SG-020-VP21-030806	33719	↓	1315	↓	-29	-5	5.0"Hg	↓	35.4
26A	OC-SG-035K-VP21-030806	30811	↓	1258	↓	-28	-5	4.5"Hg	↓	
27A	OC-SG-039-VP22-030806	94909	↓	1335	↓	-27	-5	2.0"Hg	↓	1.0
28A	OC-SG-027-VP22-030806	24391	↓	1348	↓	-30	-5	7.5"Hg	↓	11.1
29A	OC-SG-018-VP22-030806	9302	↓	1404	↓	-30	-5	2.5"Hg	↓	7.5
30A										

SP 03/13/06

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Notes:
Scott A Sanderson	3-10-06/9:30	[signature]	03/13/06 0830	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	642938904869	—	Good	Yes No (None)	0603270

Form 1293 rev.10

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Company: CDM, Inc. Email:
Address: 18581 Teller Ave., Suite 200 City: Irvine State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1337
Collected by: (Signature) Scott A. Anderson

Project Info:
P.O. #:
Project #: 10800-37240
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: MB
Date: 3/6/06
Pressurization Gas: (N_2) He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psig)	PCE (ppm)
31A	OC-SG-022-VP23-030906	2038	3/9/06	922	TO-15 (VOCs & Freon 11, 12, & 113)	-29	-5	9.5 "Hg	15.0 psig	5.2
32A	OC-SG-029-VP23-030906	2132	3/9/06	916		-29	-5	3.5 "Hg		5.2
33A	OC-SG-045-VP23-030906	2166	3/9/06	908		-30	-5	3.0 "Hg		8.8
34A	OC-SG-045K-VP23-030906	2202	3/9/06	908		-29	-5	3.0 "Hg		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Scott A. Anderson	3-10-06/9:30	[illegible]	03/13/06 0850
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	6429 3990 4869	—	Good	Yes No (None)	0603270

Form 7292 rev.10

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

WORK ORDER #: 0606102

Work Order Summary

CLIENT: Mr. Scott Sanderson
CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612

BILL TO: Mr. Scott Sanderson
CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612

PHONE: 949-930-2158
FAX: 949-752-1307
DATE RECEIVED: 06/03/2006
DATE COMPLETED: 06/16/2006

P.O. #
PROJECT # 10500 OMEGA CHEMICALS
CONTACT: Kyle Vagadori

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	OC-SG-010-VP27-053106	Modified TO-15/TICs	0.0 "Hg
02A	OC-SG-040-VP27-053106	Modified TO-15/TICs	0.0 "Hg
03A	OC-SG-025-VP27-053106	Modified TO-15/TICs	0.0 "Hg
04A	OC-SG-050-VP27-053106	Modified TO-15/TICs	4.0 "Hg
05A	OC-SG-060-VP27-053106	Modified TO-15/TICs	5.0 "Hg
06A	OC-SG-060K-VP27-053106	Modified TO-15/TICs	0.5 "Hg
07A	OC-SG-010-VP26-053106	Modified TO-15/TICs	1.0 "Hg
08A	OC-SG-025-VP26-053106	Modified TO-15/TICs	0.5 "Hg
08AA	OC-SG-025-VP26-053106 Duplicate	Modified TO-15/TICs	0.5 "Hg
09A	OC-SG-040-VP26-053106	Modified TO-15/TICs	0.5 "Hg
10A	OC-SG-050-VP26-053106	Modified TO-15/TICs	1.0 "Hg
11A	OC-SG-060-VP26-053106	Modified TO-15/TICs	1.0 "Hg
11AA	OC-SG-060-VP26-053106 Duplicate	Modified TO-15/TICs	1.0 "Hg
12A	OC-SG-008-VP30-060106	Modified TO-15/TICs	0.5 "Hg
13A	OC-SG-029-VP30-060106	Modified TO-15/TICs	1.5 "Hg
14A	OC-SG-040-VP30-060106	Modified TO-15/TICs	1.0 "Hg
15A	OC-SG-050-VP30-060106	Modified TO-15/TICs	1.0 "Hg

Continued on next page

WORK ORDER #: 0606102

Work Order Summary

CLIENT: Mr. Scott Sanderson
CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612

BILL TO: Mr. Scott Sanderson
CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612

PHONE: 949-930-2158
FAX: 949-752-1307
DATE RECEIVED: 06/03/2006
DATE COMPLETED: 06/16/2006

P.O. #
PROJECT # 10500 OMEGA CHEMICALS
CONTACT: Kyle Vagadori

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
16A	OC-SG-060-VP30-060106	Modified TO-15/TICs	1.0 "Hg
17A	OC-SG-TRIPBLANK-060106	Modified TO-15/TICs	28.5 "Hg
18A	Lab Blank	Modified TO-15/TICs	NA
19A	CCV	Modified TO-15/TICs	NA
20A	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda D. Fruman DATE: 06/16/06

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
CDM
Workorder# 0606102

Six 1 Liter Silonite Canister and Eleven 1 Liter Summa Canister samples were received on June 03, 2006. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample OC-SG-060-VP27-053106 did not match the entry on the sample tag with regard to sample identification. The discrepancy was noted in the Sample Receipt Confirmation email/fax and the information on the COC was used to process and report the sample.

Analytical Notes

Specific analytes that are requested by the client to be reported as tentatively identified compounds (TICs) are determined by searching for each compound's characteristic spectra. If no chromatographic peak displaying the compound specific spectra exists, then the TIC is reported as not detected. Please note that the laboratory has not evaluated the stability of any heretofore tentatively identified compound in the vapor phase or for efficiency of recovery through the analytical system.

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

The reported LCS for each daily batch has been derived from more than one analytical file.

1,3-Butadiene was outside of normal RPD acceptance criteria in samples OC-SG-060-VP26-053106 and OC-SG-060-VP26-053106 Duplicate. The acceptance criteria is 25% and the RPD for this compound in

these two samples was 26%.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-010-VP27-053106

Lab ID#: 0606102-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.0	12	5.7	65
Freon 113	1.0	17	7.7	130
Chloroform	1.0	7.0	4.9	34
Toluene	1.0	5.6	3.8	21
Tetrachloroethene	1.0	9.8	6.8	66
m,p-Xylene	1.0	3.6	4.4	16
o-Xylene	1.0	1.6	4.4	7.1
1,2,4-Trimethylbenzene	1.0	2.0	5.0	9.9
Hexane	1.0	1.1	3.6	3.9
Cyclohexane	1.0	2.4	3.5	8.2
Bromodichloromethane	1.0	2.8	6.8	19
Dibromochloromethane	1.0	1.1	8.6	9.3
Acetone	4.0	26	9.6	63
2-Butanone (Methyl Ethyl Ketone)	1.0	3.2	3.0	9.3
Tetrahydrofuran	1.0	1.4	3.0	4.2
Ethanol	4.0	7.3	7.6	14

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Cyclopentane, methyl-	96-37-7	64%	13 N J
Hexanal	66-25-1	64%	22 N J
Decane, 2,2-dimethyl-	17302-37-3	59%	12 N J
Eicosane, 10-methyl-	54833-23-7	64%	32 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	72%	64 N J
Undecane, 2,8-dimethyl-	17301-25-6	72%	34 N J
Hexadecane, 7,9-dimethyl-	21164-95-4	78%	16 N J
Decane, 2,4,6-trimethyl-	62108-27-4	53%	16 N J
Unknown	NA	NA	29 J
Butane, 2-iodo-2-methyl-	594-38-7	78%	22 N J

Client Sample ID: OC-SG-040-VP27-053106

Lab ID#: 0606102-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.0	3.8	3.2	12
Toluene	1.0	5.9	3.8	22

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-040-VP27-053106

Lab ID#: 0606102-02A

m,p-Xylene	1.0	3.0	4.4	13
o-Xylene	1.0	1.0	4.4	4.5
1,3-Butadiene	1.0	8.0	2.2	18
Hexane	1.0	5.7	3.6	20
Heptane	1.0	4.2	4.1	17
Acetone	4.0	16	9.6	39
2-Butanone (Methyl Ethyl Ketone)	1.0	5.2	3.0	15
Ethanol	4.0	9.7	7.6	18

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	230 J
2-Butene, (Z)-	590-18-1	52%	140 N J
2-Butene, (E)-	624-64-6	47%	23 N J
Butane, 2-methyl-	78-78-4	80%	18 N J
1-Pentene	109-67-1	86%	23 N J
Pentane	109-66-0	72%	60 N J
Unknown	NA	NA	26 J
Hexane, 3,3-dimethyl-	563-16-6	64%	25 N J
Heptane, 2,2,4-trimethyl-	14720-74-2	50%	36 N J
Undecane, 2,8-dimethyl-	17301-25-6	64%	15 N J

Client Sample ID: OC-SG-025-VP27-053106

Lab ID#: 0606102-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.0	1.0	5.7	5.7
Methylene Chloride	1.0	2.4	3.5	8.2
Chloroform	1.0	1.5	4.9	7.4
Benzene	1.0	2.2	3.2	6.9
Toluene	1.0	10	3.8	39
Ethyl Benzene	1.0	1.3	4.4	5.5
m,p-Xylene	1.0	5.1	4.4	22
o-Xylene	1.0	1.6	4.4	7.1
1,2,4-Trimethylbenzene	1.0	2.2	5.0	11
1,3-Butadiene	1.0	1.3	2.2	2.9
Hexane	1.0	5.9	3.6	21
Cyclohexane	1.0	7.0	3.5	24

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-025-VP27-053106

Lab ID#: 0606102-03A

Heptane	1.0	1.5	4.1	6.0
Acetone	4.0	30	9.6	70
Carbon Disulfide	1.0	1.0	3.1	3.1
2-Butanone (Methyl Ethyl Ketone)	1.0	2.8	3.0	8.3
Tetrahydrofuran	1.0	1.0	3.0	3.0
4-Ethyltoluene	1.0	1.5	5.0	7.4
Ethanol	4.0	11	7.6	21
2,2,4-Trimethylpentane	1.0	2.2	4.7	10

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	200 J
2-Butene, (Z)-	590-18-1	72%	110 N J
Butane, 2-methyl-	78-78-4	86%	140 N J
Pentane	109-66-0	90%	76 N J
Butane, 2,2-dimethyl-	75-83-2	78%	26 N J
Pentane, 2-methyl-	107-83-5	91%	100 N J
Pentane, 3-methyl-	96-14-0	90%	39 N J
Cyclobutane, ethyl-	4806-61-5	59%	40 N J
Hexanal	66-25-1	72%	21 N J
Unknown	NA	NA	32 J

Client Sample ID: OC-SG-050-VP27-053106

Lab ID#: 0606102-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.2	25	6.5	140
Freon 113	1.2	20	8.9	150
Methylene Chloride	1.2	2.2	4.0	7.8
Benzene	1.2	7.9	3.7	25
Toluene	1.2	18	4.4	67
Ethyl Benzene	1.2	2.6	5.0	11
m,p-Xylene	1.2	9.8	5.0	43
o-Xylene	1.2	3.4	5.0	15
1,2,4-Trimethylbenzene	1.2	4.1	5.7	20
1,3-Butadiene	1.2	17	2.6	37
Hexane	1.2	28	4.1	97
Cyclohexane	1.2	12	4.0	41

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-050-VP27-053106

Lab ID#: 0606102-04A

Heptane	1.2	19	4.8	79
Acetone	4.7	44	11	100
Carbon Disulfide	1.2	3.5	3.6	11
2-Butanone (Methyl Ethyl Ketone)	1.2	4.9	3.4	14
4-Ethyltoluene	1.2	3.1	5.7	15
Ethanol	4.7	15	8.8	28
2,2,4-Trimethylpentane	1.2	3.1	5.4	14

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	770 J
1-Butene	106-98-9	9.0%	340 N J
Acetaldehyde	75-07-0	80%	250 N J
Butane, 2-methyl-	78-78-4	80%	150 N J
Pentane	109-66-0	78%	590 N J
Propylene oxide	75-56-9	9.0%	150 N J
Pentane, 2-methyl-	107-83-5	91%	210 N J
2-Oxetanone, 4,4-dimethyl-	1823-52-5	53%	110 N J
Pentanal	110-62-3	47%	290 N J
Hexanal	66-25-1	90%	990 N J

Client Sample ID: OC-SG-060-VP27-053106

Lab ID#: 0606102-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.2	7.2	6.8	40
Freon 113	1.2	8.2	9.3	62
Methylene Chloride	1.2	1.5	4.2	5.3
Benzene	1.2	34	3.9	110
Toluene	1.2	28	4.6	110
Tetrachloroethene	1.2	2.2	8.2	15
Ethyl Benzene	1.2	2.9	5.2	13
m,p-Xylene	1.2	10	5.2	43
o-Xylene	1.2	3.4	5.2	15
1,2,4-Trimethylbenzene	1.2	2.3	5.9	11
1,3-Butadiene	1.2	140	2.7	320
Hexane	1.2	200	4.3	700
Cyclohexane	1.2	10	4.2	35

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-060-VP27-053106

Lab ID#: 0606102-05A

Heptane	1.2	130	5.0	540
Acetone	4.8	40	11	95
Carbon Disulfide	1.2	7.0	3.8	22
2-Butanone (Methyl Ethyl Ketone)	1.2	5.8	3.6	17
4-Ethyltoluene	1.2	1.8	5.9	9.1
Ethanol	4.8	15	9.1	28

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	2000 J
1-Propyne	74-99-7	83%	120 N J
Unknown	NA	NA	140 J
1-Propene, 2-methyl-	115-11-7	58%	930 N J
Acetaldehyde	75-07-0	9.0%	280 N J
Pentane	109-66-0	72%	1600 N J
Pentane, 2-methyl-	107-83-5	53%	100 N J
1-Hexene	592-41-6	91%	150 N J
Pentanal	110-62-3	74%	180 N J
Hexanal	66-25-1	90%	490 N J

Client Sample ID: OC-SG-060K-VP27-053106

Lab ID#: 0606102-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.0	2.6	5.8	14
Freon 113	1.0	3.1	7.8	24
Methylene Chloride	1.0	1.7	3.6	5.9
Benzene	1.0	5.7	3.3	18
Toluene	1.0	13	3.9	48
Ethyl Benzene	1.0	1.2	4.4	5.1
m,p-Xylene	1.0	3.7	4.4	16
o-Xylene	1.0	1.2	4.4	5.0
1,3-Butadiene	1.0	45	2.3	99
Hexane	1.0	38	3.6	130
Cyclohexane	1.0	2.2	3.5	7.7
Heptane	1.0	16	4.2	66
Acetone	4.1	49	9.7	120
Carbon Disulfide	1.0	1.2	3.2	3.8

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-060K-VP27-053106

Lab ID#: 0606102-06A

2-Butanone (Methyl Ethyl Ketone)	1.0	3.7	3.0	11
Ethanol	4.1	15	7.7	28

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	740 J
1-Propyne	74-99-7	90%	46 N J
Unknown	NA	NA	58 J
1-Propene, 2-methyl-	115-11-7	52%	460 N J
Acetaldehyde	75-07-0	9.0%	100 N J
1-Pentene	109-67-1	87%	110 N J
Pentane	109-66-0	78%	460 N J
Pentane, 2-methyl-	107-83-5	83%	38 N J
1-Hexene	592-41-6	74%	36 N J
Pentanal	110-62-3	90%	26 N J

Client Sample ID: OC-SG-010-VP26-053106

Lab ID#: 0606102-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chloroform	1.0	4.8	5.1	23
Benzene	1.0	1.3	3.3	4.2
Toluene	1.0	4.9	3.9	18
m,p-Xylene	1.0	2.3	4.5	10
Hexane	1.0	1.4	3.7	4.9
Bromodichloromethane	1.0	3.0	7.0	20
Dibromochloromethane	1.0	1.6	8.9	14
Acetone	4.2	15	9.9	35
Carbon Disulfide	1.0	2.7	3.2	8.4
2-Butanone (Methyl Ethyl Ketone)	1.0	1.5	3.1	4.4
Bromoform	1.0	1.3	11	13
Ethanol	4.2	7.3	7.9	14

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	56 J
Acetaldehyde	75-07-0	4.0%	12 N J
Butane, 2-methyl-	78-78-4	80%	20 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-010-VP26-053106

Lab ID#: 0606102-07A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Pentane	109-66-0	50%	14 N J
Pentane, 2-methyl-	107-83-5	87%	16 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	78%	110 N J
Heptane, 2,2-dimethyl-	1071-26-7	72%	22 N J
Unknown	NA	NA	42 J
Cyclohexane, 1,1'-(1-methyl-1,2-ethanedi	41851-34-7	62%	14 N J
Octane, 2,6-dimethyl-	2051-30-1	64%	17 N J

Client Sample ID: OC-SG-025-VP26-053106

Lab ID#: 0606102-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.0	1.3	5.8	7.1
Freon 113	1.0	1.7	7.8	13
Chloroform	1.0	2.2	5.0	11
Benzene	1.0	2.4	3.3	7.8
Toluene	1.0	6.0	3.9	22
Tetrachloroethene	1.0	1.8	7.0	12
m,p-Xylene	1.0	2.7	4.4	12
o-Xylene	1.0	1.1	4.4	4.7
1,3-Butadiene	1.0	6.6	2.3	14
Hexane	1.0	3.4	3.6	12
Cyclohexane	1.0	1.2	3.5	4.2
Heptane	1.0	1.2	4.2	4.9
Acetone	4.1	31	9.7	74
2-Butanone (Methyl Ethyl Ketone)	1.0	3.2	3.0	9.5
Ethanol	4.1	7.1	7.7	13
2,2,4-Trimethylpentane	1.0	1.0	4.8	4.9

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	210 J
2-Butene, (Z)-	590-18-1	72%	54 N J
Unknown	NA	NA	33 J
Butane, 2-methyl-	78-78-4	80%	18 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-025-VP26-053106

Lab ID#: 0606102-08A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	27 J
Pentane, 2-methyl-	107-83-5	90%	25 N J
Heptane, 2,2-dimethyl-	1071-26-7	64%	28 N J
Decane, 2,2,8-trimethyl-	62238-01-1	43%	57 N J
Unknown	NA	NA	25 J
Dodecane, 2,7,10-trimethyl-	74645-98-0	72%	29 N J

Client Sample ID: OC-SG-025-VP26-053106 Duplicate

Lab ID#: 0606102-08AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.0	1.2	5.8	6.6
Freon 113	1.0	1.8	7.8	14
Chloroform	1.0	2.3	5.0	11
Benzene	1.0	2.3	3.3	7.4
Toluene	1.0	5.5	3.9	21
Tetrachloroethene	1.0	1.7	7.0	11
m,p-Xylene	1.0	2.5	4.4	11
1,3-Butadiene	1.0	7.3	2.3	16
Hexane	1.0	3.1	3.6	11
Cyclohexane	1.0	1.4	3.5	4.8
Heptane	1.0	1.4	4.2	5.8
Acetone	4.1	31	9.7	74
2-Butanone (Methyl Ethyl Ketone)	1.0	3.2	3.0	9.4
Ethanol	4.1	6.7	7.7	13

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	190 J
2-Butene, (E)-	624-64-6	86%	82 N J
Unknown	NA	NA	12 J
Butane, 2-methyl-	78-78-4	72%	17 N J
Unknown	NA	NA	15 J
Pentane, 2-methyl-	107-83-5	83%	24 N J
Heptane, 2,2-dimethyl-	1071-26-7	59%	28 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-025-VP26-053106 Duplicate

Lab ID#: 0606102-08AA

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Decane, 2,2,8-trimethyl-	62238-01-1	43%	56 N J
Unknown	NA	NA	24 J
Dodecane, 2,7,10-trimethyl-	74645-98-0	78%	26 N J

Client Sample ID: OC-SG-040-VP26-053106

Lab ID#: 0606102-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 113	1.0	1.2	7.8	9.2
Methylene Chloride	1.0	1.4	3.6	4.8
Benzene	1.0	3.7	3.3	12
Toluene	1.0	11	3.9	41
Ethyl Benzene	1.0	1.5	4.4	6.6
m,p-Xylene	1.0	5.3	4.4	23
o-Xylene	1.0	1.7	4.4	7.4
1,2,4-Trimethylbenzene	1.0	1.9	5.0	9.2
1,3-Butadiene	1.0	9.2	2.3	20
Hexane	1.0	8.6	3.6	30
Cyclohexane	1.0	4.7	3.5	16
Heptane	1.0	2.2	4.2	9.2
Acetone	4.1	30	9.7	71
2-Butanone (Methyl Ethyl Ketone)	1.0	3.1	3.0	9.2
4-Methyl-2-pentanone	1.0	1.0	4.2	4.2
4-Ethyltoluene	1.0	1.4	5.0	6.7
Ethanol	4.1	9.3	7.7	18
2,2,4-Trimethylpentane	1.0	3.2	4.8	15

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	370 J
2-Butene, (Z)-	590-18-1	64%	140 N J
Butane, 2-methyl-	78-78-4	80%	57 N J
Pentane	109-66-0	72%	69 N J
Pentane, 2-methyl-	107-83-5	91%	120 N J
Pentane, 3-methyl-	96-14-0	90%	46 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-040-VP26-053106

Lab ID#: 0606102-09A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Hexane, 2,2,5-trimethyl-	3522-94-9	72%	56 N J
Hexane, 2,2,5,5-tetramethyl-	1071-81-4	50%	76 N J
Undecane 3-cyclohexyl-, 3-cyclohexyl-	13151-78-5	59%	34 N J
Dodecane, 2,6,11-trimethyl-	31295-56-4	78%	42 N J

Client Sample ID: OC-SG-050-VP26-053106

Lab ID#: 0606102-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methylene Chloride	1.0	1.6	3.6	5.6
Benzene	1.0	11	3.3	35
Toluene	1.0	14	3.9	54
Tetrachloroethene	1.0	3.8	7.1	25
Ethyl Benzene	1.0	2.6	4.5	11
m,p-Xylene	1.0	5.8	4.5	25
o-Xylene	1.0	2.3	4.5	9.8
1,2,4-Trimethylbenzene	1.0	1.7	5.1	8.2
1,3-Butadiene	1.0	21	2.3	47
Hexane	1.0	34	3.7	120
Cyclohexane	1.0	7.7	3.6	27
Heptane	1.0	22	4.3	91
Acetone	4.2	52	9.9	120
Carbon Disulfide	1.0	1.8	3.2	5.7
2-Propanol	4.2	5.3	10	13
2-Butanone (Methyl Ethyl Ketone)	1.0	8.4	3.1	25
4-Ethyltoluene	1.0	1.3	5.1	6.5
Ethanol	4.2	21	7.9	39
2,2,4-Trimethylpentane	1.0	2.1	4.9	9.6

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1700 J
Unknown	NA	NA	110 J
Acetaldehyde	75-07-0	9.0%	280 N J
Butane, 2-methyl-	78-78-4	80%	140 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-050-VP26-053106

Lab ID#: 0606102-10A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Pentane	109-66-0	78%	300 N J
Pentane, 2-methyl-	107-83-5	74%	120 N J
Butanal	123-72-8	49%	86 N J
Pentanal	110-62-3	43%	230 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	78%	77 N J
Unknown	NA	NA	140 J

Client Sample ID: OC-SG-060-VP26-053106

Lab ID#: 0606102-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.0	1.4	5.9	8.0
Freon 113	1.0	1.1	8.0	8.4
Methylene Chloride	1.0	3.0	3.6	10
Benzene	1.0	7.2	3.3	23
Toluene	1.0	10	3.9	38
Ethyl Benzene	1.0	1.9	4.5	8.2
m,p-Xylene	1.0	5.9	4.5	26
o-Xylene	1.0	2.1	4.5	9.1
1,2,4-Trimethylbenzene	1.0	2.1	5.1	10
1,3-Butadiene	1.0	39	2.3	86
Hexane	1.0	20	3.7	71
Cyclohexane	1.0	11	3.6	39
Heptane	1.0	8.8	4.3	36
Acetone	4.2	71	9.9	170
Carbon Disulfide	1.0	2.1	3.2	6.4
2-Butanone (Methyl Ethyl Ketone)	1.0	12	3.1	36
4-Ethyltoluene	1.0	1.6	5.1	8.0
Ethanol	4.2	17	7.9	33

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	2500 J
1-Propyne	74-99-7	90%	120 N J
Unknown	NA	NA	170 J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-060-VP26-053106

Lab ID#: 0606102-11A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propene, 2-methyl-	115-11-7	52%	1200 N J
Acetaldehyde	75-07-0	9.0%	340 N J
Butane, 2-methyl-	78-78-4	80%	260 N J
Pentane	109-66-0	78%	320 N J
Pentane, 2-methyl-	107-83-5	87%	150 N J
Pentanal	110-62-3	47%	250 N J
Hexanal	66-25-1	86%	920 N J

Client Sample ID: OC-SG-060-VP26-053106 Duplicate

Lab ID#: 0606102-11AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	1.0	1.3	5.9	7.4
Methylene Chloride	1.0	2.9	3.6	10
Benzene	1.0	7.2	3.3	23
Toluene	1.0	10	3.9	38
Ethyl Benzene	1.0	2.0	4.5	8.8
m,p-Xylene	1.0	6.4	4.5	28
o-Xylene	1.0	2.3	4.5	10
1,2,4-Trimethylbenzene	1.0	2.0	5.1	9.9
1,3-Butadiene	1.0	30	2.3	66
Hexane	1.0	19	3.7	68
Cyclohexane	1.0	11	3.6	38
Heptane	1.0	9.2	4.3	38
Acetone	4.2	65	9.9	150
Carbon Disulfide	1.0	2.0	3.2	6.4
2-Butanone (Methyl Ethyl Ketone)	1.0	13	3.1	37
4-Ethyltoluene	1.0	1.6	5.1	7.8
Ethanol	4.2	17	7.9	33

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	2600 J
1-Propyne	74-99-7	90%	110 N J
Unknown	NA	NA	170 J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-060-VP26-053106 Duplicate

Lab ID#: 0606102-11AA

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
1-Propene, 2-methyl-	115-11-7	52%	900 N J
Acetaldehyde	75-07-0	9.0%	350 N J
Butane, 2-methyl-	78-78-4	86%	260 N J
Pentane	109-66-0	78%	330 N J
Pentane, 2-methyl-	107-83-5	90%	150 N J
Pentanal	110-62-3	74%	260 N J
Hexanal	66-25-1	90%	940 N J

Client Sample ID: OC-SG-008-VP30-060106

Lab ID#: 0606102-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	2.0	340	12	1900
1,1-Dichloroethene	2.0	340	8.1	1300
Freon 113	2.0	700	16	5300
Chloroform	2.0	9.8	10	48
Benzene	2.0	11	6.5	37
Trichloroethene	2.0	110	11	590
Toluene	2.0	33	7.7	120
Tetrachloroethene	2.0	110	14	730
Ethyl Benzene	2.0	2.7	8.9	12
m,p-Xylene	2.0	6.0	8.9	26
o-Xylene	2.0	2.7	8.9	12
1,2,4-Trimethylbenzene	2.0	2.7	10	13
1,3-Butadiene	2.0	12	4.5	26
Hexane	2.0	6.8	7.2	24
Bromodichloromethane	2.0	3.6	14	24
Heptane	2.0	4.4	8.4	18
Acetone	8.2	93	19	220
2-Butanone (Methyl Ethyl Ketone)	2.0	9.5	6.0	28
2,2,4-Trimethylpentane	2.0	3.4	9.6	16

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Decane, 2,2-dimethyl-	17302-37-3	83%	540 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-008-VP30-060106

Lab ID#: 0606102-12A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Undecane, 4,6-dimethyl-	17312-82-2	72%	780 N J
Decane, 2,5,6-trimethyl-	62108-23-0	64%	270 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	1800 N J
Undecane, 2,8-dimethyl-	17301-25-6	72%	830 N J
Propanoic acid, 2-methyl-, 2-(hydroxymet	74367-32-1	59%	540 N J
Decane, 2,2,4-trimethyl-	62237-98-3	78%	1200 N J
Undecane, 4,8-dimethyl-	17301-33-6	86%	560 N J
Undecane, 4,4-dimethyl-	17312-68-4	64%	450 N J
Dodecane, 2,7,10-trimethyl-	74645-98-0	64%	640 N J

Client Sample ID: OC-SG-029-VP30-060106

Lab ID#: 0606102-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	4.3	480	24	2700
1,1-Dichloroethene	4.3	320	17	1300
Freon 113	4.3	1100	33	8500
Benzene	4.3	28	14	90
Trichloroethene	4.3	74	23	400
Toluene	4.3	300	16	1100
Tetrachloroethene	4.3	56	29	380
Ethyl Benzene	4.3	4.7	18	21
m,p-Xylene	4.3	10	18	44
1,3-Butadiene	4.3	63	9.4	140
Hexane	4.3	25	15	88
Heptane	4.3	24	17	99
Acetone	17	67	40	160
Carbon Disulfide	4.3	7.5	13	23
2-Butanone (Methyl Ethyl Ketone)	4.3	59	12	180

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Decane, 2,2-dimethyl-	17302-37-3	83%	1200 N J
Nonane, 3-methyl-5-propyl-	31081-18-2	72%	1700 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	3600 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-029-VP30-060106

Lab ID#: 0606102-13A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Undecane, 2,8-dimethyl-	17301-25-6	59%	1500 N J
Heptane, 2,4-dimethyl-	2213-23-2	72%	520 N J
Butane, 2,2-dimethyl-	75-83-2	64%	900 N J
Decane, 2,2,6-trimethyl-	62237-97-2	83%	2100 N J
Decane, 3,3,6-trimethyl-	62338-14-1	86%	860 N J
Undecane, 4,4-dimethyl-	17312-68-4	64%	610 N J
Octane, 2,6-dimethyl-	2051-30-1	72%	910 N J

Client Sample ID: OC-SG-040-VP30-060106

Lab ID#: 0606102-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	2.1	51	12	290
1,1-Dichloroethene	2.1	18	8.3	72
Freon 113	2.1	71	16	540
Chloroform	2.1	3.3	10	16
Benzene	2.1	4.6	6.7	14
Toluene	2.1	29	7.9	110
m,p-Xylene	2.1	5.4	9.1	23
o-Xylene	2.1	2.4	9.1	10
1,2,4-Trimethylbenzene	2.1	2.9	10	14
Hexane	2.1	10	7.4	35
Heptane	2.1	3.8	8.6	16
Acetone	8.4	65	20	150
2-Butanone (Methyl Ethyl Ketone)	2.1	8.2	6.2	24
Ethanol	8.4	11	16	21
2,2,4-Trimethylpentane	2.1	6.8	9.8	32

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	83%	960 N J
Undecane, 4,6-dimethyl-	17312-82-2	64%	1400 N J
Heptane, 2,2,3,4,6,6-hexamethyl-	62108-32-1	64%	410 N J
Pentane, 2,3-dimethyl-	565-59-3	64%	2800 N J
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	53%	1200 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-040-VP30-060106

Lab ID#: 0606102-14A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Dodecane, 2,6,11-trimethyl-	31295-56-4	59%	700 N J
Decane, 2,2,5-trimethyl-	62237-96-1	83%	1600 N J
Undecane, 4,8-dimethyl-	17301-33-6	83%	670 N J
Undecane, 4,4-dimethyl-	17312-68-4	64%	470 N J

Client Sample ID: OC-SG-050-VP30-060106

Lab ID#: 0606102-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	4.2	470	23	2600
1,1-Dichloroethene	4.2	110	16	440
Freon 113	4.2	750	32	5700
Benzene	4.2	7.3	13	23
Trichloroethene	4.2	6.5	22	35
Toluene	4.2	51	16	190
m,p-Xylene	4.2	7.8	18	34
1,2,4-Trimethylbenzene	4.2	5.0	20	24
1,3-Butadiene	4.2	15	9.2	32
Hexane	4.2	15	15	54
Heptane	4.2	7.6	17	31
Acetone	17	100	40	250
2-Butanone (Methyl Ethyl Ketone)	4.2	24	12	70
2,2,4-Trimethylpentane	4.2	6.8	20	32

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	1600 J
Decane, 2,2-dimethyl-	17302-37-3	83%	1400 N J
Undecane, 3,8-dimethyl-	17301-30-3	64%	2100 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	64%	520 N J
Hexane, 2,2,4-trimethyl-	16747-26-5	64%	3900 N J
Octane, 2,3,6-trimethyl-	62016-33-5	50%	1600 N J
Dodecane, 2,6,11-trimethyl-	31295-56-4	56%	820 N J
Decane, 2,2,7-trimethyl-	62237-99-4	78%	1800 N J
Undecane, 4,8-dimethyl-	17301-33-6	78%	750 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-050-VP30-060106

Lab ID#: 0606102-15A

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Dodecane, 2,7,10-trimethyl-	74645-98-0	78%	850 N J

Client Sample ID: OC-SG-060-VP30-060106

Lab ID#: 0606102-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 11	4.2	580	23	3200
1,1-Dichloroethene	4.2	130	16	500
Freon 113	4.2	960	32	7400
Benzene	4.2	14	13	43
Trichloroethene	4.2	14	22	77
Toluene	4.2	75	16	280
Tetrachloroethene	4.2	12	28	78
m,p-Xylene	4.2	9.0	18	39
o-Xylene	4.2	4.5	18	19
1,2,4-Trimethylbenzene	4.2	6.0	20	30
1,3-Butadiene	4.2	28	9.2	63
Hexane	4.2	15	15	54
Heptane	4.2	7.8	17	32
Acetone	17	66	40	160
2-Butanone (Methyl Ethyl Ketone)	4.2	14	12	41

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ppbv
Unknown	NA	NA	2300 J
Decane, 2,2-dimethyl-	17302-37-3	83%	1500 N J
Octane, 2,4,6-trimethyl-	62016-37-9	72%	2300 N J
Hexane, 2,2,5,5-tetramethyl-	1071-81-4	59%	4100 N J
Undecane, 3,8-dimethyl-	17301-30-3	53%	1600 N J
Decane, 3-methyl-	13151-34-3	59%	890 N J
Decane, 2,2,8-trimethyl-	62238-01-1	83%	2000 N J
Decane, 3,3,5-trimethyl-	62338-13-0	78%	820 N J
Undecane, 4,4-dimethyl-	17312-68-4	53%	560 N J
Dodecane, 2,7,10-trimethyl-	74645-98-0	78%	930 N J

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: OC-SG-TRIPBLANK-060106

Lab ID#: 0606102-17A

No Detections Were Found.

Client Sample ID: OC-SG-010-VP27-053106

Lab ID#: 0606102-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061206**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.02**	**Date of Analysis: 6/12/06 03:07 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.0	Not Detected
Freon 114	1.0	Not Detected	7.1	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.6	Not Detected U J
Bromomethane	1.0	Not Detected	3.9	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
Freon 11	1.0	12	5.7	65
1,1-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Freon 113	1.0	17	7.7	130
Methylene Chloride	1.0	Not Detected	3.5	Not Detected
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Chloroform	1.0	7.0	4.9	34
1,1,1-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
Benzene	1.0	Not Detected	3.2	Not Detected
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.4	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
Toluene	1.0	5.6	3.8	21
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Tetrachloroethene	1.0	9.8	6.8	66
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.8	Not Detected
Chlorobenzene	1.0	Not Detected	4.6	Not Detected
Ethyl Benzene	1.0	Not Detected	4.4	Not Detected
m,p-Xylene	1.0	3.6	4.4	16
o-Xylene	1.0	1.6	4.4	7.1
Styrene	1.0	Not Detected	4.3	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	6.9	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	2.0	5.0	9.9
1,3-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.2	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,3-Butadiene	1.0	Not Detected	2.2	Not Detected
Hexane	1.0	1.1	3.6	3.9
Cyclohexane	1.0	2.4	3.5	8.2
Bromodichloromethane	1.0	2.8	6.8	19

Client Sample ID: OC-SG-010-VP27-053106

Lab ID#: 0606102-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061206**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.02**	**Date of Analysis: 6/12/06 03:07 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	1.1	8.6	9.3
Heptane	1.0	Not Detected	4.1	Not Detected
Cumene	1.0	Not Detected	5.0	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
Chloromethane	4.0	Not Detected	8.3	Not Detected
1,2,4-Trichlorobenzene	4.0	Not Detected	30	Not Detected
Hexachlorobutadiene	4.0	Not Detected	43	Not Detected
Acetone	4.0	26	9.6	63
Carbon Disulfide	1.0	Not Detected	3.1	Not Detected
2-Propanol	4.0	Not Detected	9.9	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	3.2	3.0	9.3
Tetrahydrofuran	1.0	1.4	3.0	4.2
1,4-Dioxane	4.0	Not Detected	14	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.1	Not Detected
2-Hexanone	4.0	Not Detected	16	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
4-Ethyltoluene	1.0	Not Detected	5.0	Not Detected
Ethanol	4.0	7.3	7.6	14
Methyl tert-butyl ether	1.0	Not Detected	3.6	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.7	Not Detected
3-Chloropropene	4.0	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Cyclopentane, methyl-	96-37-7	64%	13 N J
Hexanal	66-25-1	64%	22 N J
Decane, 2,2-dimethyl-	17302-37-3	59%	12 N J
Eicosane, 10-methyl-	54833-23-7	64%	32 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	72%	64 N J
Undecane, 2,8-dimethyl-	17301-25-6	72%	34 N J
Hexadecane, 7,9-dimethyl-	21164-95-4	78%	16 N J
Decane, 2,4,6-trimethyl-	62108-27-4	53%	16 N J
Unknown	NA	NA	29 J
Butane, 2-iodo-2-methyl-	594-38-7	78%	22 N J

Container Type: 1 Liter Silonite Canister

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-010-VP27-053106

Lab ID#: 0606102-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061206**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.02**	**Date of Analysis: 6/12/06 03:07 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: OC-SG-040-VP27-053106

Lab ID#: 0606102-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061207**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.02**	**Date of Analysis: 6/12/06 03:45 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.0	Not Detected
Freon 114	1.0	Not Detected	7.1	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.6	Not Detected U J
Bromomethane	1.0	Not Detected	3.9	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
Freon 11	1.0	Not Detected	5.7	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Freon 113	1.0	Not Detected	7.7	Not Detected
Methylene Chloride	1.0	Not Detected	3.5	Not Detected
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Chloroform	1.0	Not Detected	4.9	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
Benzene	1.0	3.8	3.2	12
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.4	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
Toluene	1.0	5.9	3.8	22
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Tetrachloroethene	1.0	Not Detected	6.8	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.8	Not Detected
Chlorobenzene	1.0	Not Detected	4.6	Not Detected
Ethyl Benzene	1.0	Not Detected	4.4	Not Detected
m,p-Xylene	1.0	3.0	4.4	13
o-Xylene	1.0	1.0	4.4	4.5
Styrene	1.0	Not Detected	4.3	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	6.9	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.2	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,3-Butadiene	1.0	8.0	2.2	18
Hexane	1.0	5.7	3.6	20
Cyclohexane	1.0	Not Detected	3.5	Not Detected
Bromodichloromethane	1.0	Not Detected	6.8	Not Detected

Client Sample ID: OC-SG-040-VP27-053106

Lab ID#: 0606102-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061207**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.02**	**Date of Analysis: 6/12/06 03:45 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	Not Detected	8.6	Not Detected
Heptane	1.0	4.2	4.1	17
Cumene	1.0	Not Detected	5.0	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
Chloromethane	4.0	Not Detected	8.3	Not Detected
1,2,4-Trichlorobenzene	4.0	Not Detected	30	Not Detected
Hexachlorobutadiene	4.0	Not Detected	43	Not Detected
Acetone	4.0	16	9.6	39
Carbon Disulfide	1.0	Not Detected	3.1	Not Detected
2-Propanol	4.0	Not Detected	9.9	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	5.2	3.0	15
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
1,4-Dioxane	4.0	Not Detected	14	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.1	Not Detected
2-Hexanone	4.0	Not Detected	16	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
4-Ethyltoluene	1.0	Not Detected	5.0	Not Detected
Ethanol	4.0	9.7	7.6	18
Methyl tert-butyl ether	1.0	Not Detected	3.6	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.7	Not Detected
3-Chloropropene	4.0	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	230 J
2-Butene, (Z)-	590-18-1	52%	140 N J
2-Butene, (E)-	624-64-6	47%	23 N J
Butane, 2-methyl-	78-78-4	80%	18 N J
1-Pentene	109-67-1	86%	23 N J
Pentane	109-66-0	72%	60 N J
Unknown	NA	NA	26 J
Hexane, 3,3-dimethyl-	563-16-6	64%	25 N J
Heptane, 2,2,4-trimethyl-	14720-74-2	50%	36 N J
Undecane, 2,8-dimethyl-	17301-25-6	64%	15 N J

Container Type: 1 Liter Silonite Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-040-VP27-053106

Lab ID#: 0606102-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061207**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.02**	**Date of Analysis: 6/12/06 03:45 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: OC-SG-025-VP27-053106

Lab ID#: 0606102-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061208**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.02**	**Date of Analysis: 6/12/06 04:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.0	Not Detected
Freon 114	1.0	Not Detected	7.1	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.6	Not Detected U J
Bromomethane	1.0	Not Detected	3.9	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
Freon 11	1.0	1.0	5.7	5.7
1,1-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Freon 113	1.0	Not Detected	7.7	Not Detected
Methylene Chloride	1.0	2.4	3.5	8.2
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Chloroform	1.0	1.5	4.9	7.4
1,1,1-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
Benzene	1.0	2.2	3.2	6.9
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.4	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
Toluene	1.0	10	3.8	39
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Tetrachloroethene	1.0	Not Detected	6.8	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.8	Not Detected
Chlorobenzene	1.0	Not Detected	4.6	Not Detected
Ethyl Benzene	1.0	1.3	4.4	5.5
m,p-Xylene	1.0	5.1	4.4	22
o-Xylene	1.0	1.6	4.4	7.1
Styrene	1.0	Not Detected	4.3	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	6.9	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	2.2	5.0	11
1,3-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.2	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,3-Butadiene	1.0	1.3	2.2	2.9
Hexane	1.0	5.9	3.6	21
Cyclohexane	1.0	7.0	3.5	24
Bromodichloromethane	1.0	Not Detected	6.8	Not Detected

Client Sample ID: OC-SG-025-VP27-053106

Lab ID#: 0606102-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061208**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.02**	**Date of Analysis: 6/12/06 04:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	Not Detected	8.6	Not Detected
Heptane	1.0	1.5	4.1	6.0
Cumene	1.0	Not Detected	5.0	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
Chloromethane	4.0	Not Detected	8.3	Not Detected
1,2,4-Trichlorobenzene	4.0	Not Detected	30	Not Detected
Hexachlorobutadiene	4.0	Not Detected	43	Not Detected
Acetone	4.0	30	9.6	70
Carbon Disulfide	1.0	1.0	3.1	3.1
2-Propanol	4.0	Not Detected	9.9	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	2.8	3.0	8.3
Tetrahydrofuran	1.0	1.0	3.0	3.0
1,4-Dioxane	4.0	Not Detected	14	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.1	Not Detected
2-Hexanone	4.0	Not Detected	16	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
4-Ethyltoluene	1.0	1.5	5.0	7.4
Ethanol	4.0	11	7.6	21
Methyl tert-butyl ether	1.0	Not Detected	3.6	Not Detected
2,2,4-Trimethylpentane	1.0	2.2	4.7	10
3-Chloropropene	4.0	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	200 J
2-Butene, (Z)-	590-18-1	72%	110 N J
Butane, 2-methyl-	78-78-4	86%	140 N J
Pentane	109-66-0	90%	76 N J
Butane, 2,2-dimethyl-	75-83-2	78%	26 N J
Pentane, 2-methyl-	107-83-5	91%	100 N J
Pentane, 3-methyl-	96-14-0	90%	39 N J
Cyclobutane, ethyl-	4806-61-5	59%	40 N J
Hexanal	66-25-1	72%	21 N J
Unknown	NA	NA	32 J

Container Type: 1 Liter Silonite Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-025-VP27-053106

Lab ID#: 0606102-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061208**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.02**	**Date of Analysis: 6/12/06 04:27 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: OC-SG-050-VP27-053106

Lab ID#: 0606102-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061209**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.33**	**Date of Analysis: 6/12/06 05:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	Not Detected	5.8	Not Detected
Freon 114	1.2	Not Detected	8.1	Not Detected
Vinyl Chloride	1.2	Not Detected U J	3.0	Not Detected U J
Bromomethane	1.2	Not Detected	4.5	Not Detected
Chloroethane	1.2	Not Detected	3.1	Not Detected
Freon 11	1.2	25	6.5	140
1,1-Dichloroethene	1.2	Not Detected	4.6	Not Detected
Freon 113	1.2	20	8.9	150
Methylene Chloride	1.2	2.2	4.0	7.8
1,1-Dichloroethane	1.2	Not Detected	4.7	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.6	Not Detected
Chloroform	1.2	Not Detected	5.7	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.4	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.3	Not Detected
Benzene	1.2	7.9	3.7	25
1,2-Dichloroethane	1.2	Not Detected	4.7	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.3	Not Detected
Toluene	1.2	18	4.4	67
trans-1,3-Dichloropropene	1.2	Not Detected	5.3	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.4	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.0	Not Detected
Chlorobenzene	1.2	Not Detected	5.4	Not Detected
Ethyl Benzene	1.2	2.6	5.0	11
m,p-Xylene	1.2	9.8	5.0	43
o-Xylene	1.2	3.4	5.0	15
Styrene	1.2	Not Detected	5.0	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.0	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,2,4-Trimethylbenzene	1.2	4.1	5.7	20
1,3-Dichlorobenzene	1.2	Not Detected	7.0	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.0	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.0	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.0	Not Detected
1,3-Butadiene	1.2	17	2.6	37
Hexane	1.2	28	4.1	97
Cyclohexane	1.2	12	4.0	41
Bromodichloromethane	1.2	Not Detected	7.8	Not Detected

Client Sample ID: OC-SG-050-VP27-053106

Lab ID#: 0606102-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061209**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.33**	**Date of Analysis: 6/12/06 05:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.2	Not Detected	9.9	Not Detected
Heptane	1.2	19	4.8	79
Cumene	1.2	Not Detected	5.7	Not Detected
Propylbenzene	1.2	Not Detected	5.7	Not Detected
Chloromethane	4.7	Not Detected	9.6	Not Detected
1,2,4-Trichlorobenzene	4.7	Not Detected	34	Not Detected
Hexachlorobutadiene	4.7	Not Detected	50	Not Detected
Acetone	4.7	44	11	100
Carbon Disulfide	1.2	3.5	3.6	11
2-Propanol	4.7	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	4.9	3.4	14
Tetrahydrofuran	1.2	Not Detected	3.4	Not Detected
1,4-Dioxane	4.7	Not Detected	17	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	4.8	Not Detected
2-Hexanone	4.7	Not Detected	19	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
4-Ethyltoluene	1.2	3.1	5.7	15
Ethanol	4.7	15	8.8	28
Methyl tert-butyl ether	1.2	Not Detected	4.2	Not Detected
2,2,4-Trimethylpentane	1.2	3.1	5.4	14
3-Chloropropene	4.7	Not Detected	14	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	770 J
1-Butene	106-98-9	9.0%	340 N J
Acetaldehyde	75-07-0	80%	250 N J
Butane, 2-methyl-	78-78-4	80%	150 N J
Pentane	109-66-0	78%	590 N J
Propylene oxide	75-56-9	9.0%	150 N J
Pentane, 2-methyl-	107-83-5	91%	210 N J
2-Oxetanone, 4,4-dimethyl-	1823-52-5	53%	110 N J
Pentanal	110-62-3	47%	290 N J
Hexanal	66-25-1	90%	990 N J

Container Type: 1 Liter Silonite Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-050-VP27-053106

Lab ID#: 0606102-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061209**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.33**	**Date of Analysis: 6/12/06 05:15 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	98	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060-VP27-053106

Lab ID#: 0606102-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061211**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.42**	**Date of Analysis: 6/12/06 06:40 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	Not Detected	6.0	Not Detected
Freon 114	1.2	Not Detected	8.4	Not Detected
Vinyl Chloride	1.2	Not Detected U J	3.1	Not Detected U J
Bromomethane	1.2	Not Detected	4.7	Not Detected
Chloroethane	1.2	Not Detected	3.2	Not Detected
Freon 11	1.2	7.2	6.8	40
1,1-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Freon 113	1.2	8.2	9.3	62
Methylene Chloride	1.2	1.5	4.2	5.3
1,1-Dichloroethane	1.2	Not Detected	4.9	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Chloroform	1.2	Not Detected	5.9	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.6	Not Detected
Benzene	1.2	34	3.9	110
1,2-Dichloroethane	1.2	Not Detected	4.9	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
Toluene	1.2	28	4.6	110
trans-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Tetrachloroethene	1.2	2.2	8.2	15
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.3	Not Detected
Chlorobenzene	1.2	Not Detected	5.6	Not Detected
Ethyl Benzene	1.2	2.9	5.2	13
m,p-Xylene	1.2	10	5.2	43
o-Xylene	1.2	3.4	5.2	15
Styrene	1.2	Not Detected	5.2	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.3	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.2	2.3	5.9	11
1,3-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.3	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,3-Butadiene	1.2	140	2.7	320
Hexane	1.2	200	4.3	700
Cyclohexane	1.2	10	4.2	35
Bromodichloromethane	1.2	Not Detected	8.1	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060-VP27-053106

Lab ID#: 0606102-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061211**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.42**	**Date of Analysis: 6/12/06 06:40 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
Heptane	1.2	130	5.0	540
Cumene	1.2	Not Detected	5.9	Not Detected
Propylbenzene	1.2	Not Detected	5.9	Not Detected
Chloromethane	4.8	Not Detected	10	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	36	Not Detected
Hexachlorobutadiene	4.8	Not Detected	52	Not Detected
Acetone	4.8	40	11	95
Carbon Disulfide	1.2	7.0	3.8	22
2-Propanol	4.8	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	5.8	3.6	17
Tetrahydrofuran	1.2	Not Detected	3.6	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	5.0	Not Detected
2-Hexanone	4.8	Not Detected	20	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
4-Ethyltoluene	1.2	1.8	5.9	9.1
Ethanol	4.8	15	9.1	28
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.6	Not Detected
3-Chloropropene	4.8	Not Detected	15	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	2000 J
1-Propyne	74-99-7	83%	120 N J
Unknown	NA	NA	140 J
1-Propene, 2-methyl-	115-11-7	58%	930 N J
Acetaldehyde	75-07-0	9.0%	280 N J
Pentane	109-66-0	72%	1600 N J
Pentane, 2-methyl-	107-83-5	53%	100 N J
1-Hexene	592-41-6	91%	150 N J
Pentanal	110-62-3	74%	180 N J
Hexanal	66-25-1	90%	490 N J

Container Type: 1 Liter Silonite Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060-VP27-053106

Lab ID#: 0606102-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061211**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.42**	**Date of Analysis: 6/12/06 06:40 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	99	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060K-VP27-053106

Lab ID#: 0606102-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061212**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 07:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.1	Not Detected
Freon 114	1.0	Not Detected	7.2	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.6	Not Detected U J
Bromomethane	1.0	Not Detected	4.0	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
Freon 11	1.0	2.6	5.8	14
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Freon 113	1.0	3.1	7.8	24
Methylene Chloride	1.0	1.7	3.6	5.9
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Chloroform	1.0	Not Detected	5.0	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
Benzene	1.0	5.7	3.3	18
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.5	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
Toluene	1.0	13	3.9	48
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Tetrachloroethene	1.0	Not Detected	7.0	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.9	Not Detected
Chlorobenzene	1.0	Not Detected	4.7	Not Detected
Ethyl Benzene	1.0	1.2	4.4	5.1
m,p-Xylene	1.0	3.7	4.4	16
o-Xylene	1.0	1.2	4.4	5.0
Styrene	1.0	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.3	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,3-Butadiene	1.0	45	2.3	99
Hexane	1.0	38	3.6	130
Cyclohexane	1.0	2.2	3.5	7.7
Bromodichloromethane	1.0	Not Detected	6.9	Not Detected

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060K-VP27-053106

Lab ID#: 0606102-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061212**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 07:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	Not Detected	8.7	Not Detected
Heptane	1.0	16	4.2	66
Cumene	1.0	Not Detected	5.0	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
Chloromethane	4.1	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	4.1	Not Detected	30	Not Detected
Hexachlorobutadiene	4.1	Not Detected	44	Not Detected
Acetone	4.1	49	9.7	120
Carbon Disulfide	1.0	1.2	3.2	3.8
2-Propanol	4.1	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	3.7	3.0	11
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
1,4-Dioxane	4.1	Not Detected	15	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.2	Not Detected
2-Hexanone	4.1	Not Detected	17	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
4-Ethyltoluene	1.0	Not Detected	5.0	Not Detected
Ethanol	4.1	15	7.7	28
Methyl tert-butyl ether	1.0	Not Detected	3.7	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.8	Not Detected
3-Chloropropene	4.1	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	740 J
1-Propyne	74-99-7	90%	46 N J
Unknown	NA	NA	58 J
1-Propene, 2-methyl-	115-11-7	52%	460 N J
Acetaldehyde	75-07-0	9.0%	100 N J
1-Pentene	109-67-1	87%	110 N J
Pentane	109-66-0	78%	460 N J
Pentane, 2-methyl-	107-83-5	83%	38 N J
1-Hexene	592-41-6	74%	36 N J
Pentanal	110-62-3	90%	26 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060K-VP27-053106

Lab ID#: 0606102-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061212**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 07:17 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: OC-SG-010-VP26-053106

Lab ID#: 0606102-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061213**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/12/06 08:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.2	Not Detected
Freon 114	1.0	Not Detected	7.3	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.7	Not Detected U J
Bromomethane	1.0	Not Detected	4.0	Not Detected
Chloroethane	1.0	Not Detected	2.8	Not Detected
Freon 11	1.0	Not Detected	5.9	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Freon 113	1.0	Not Detected	8.0	Not Detected
Methylene Chloride	1.0	Not Detected	3.6	Not Detected
1,1-Dichloroethane	1.0	Not Detected	4.2	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Chloroform	1.0	4.8	5.1	23
1,1,1-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.6	Not Detected
Benzene	1.0	1.3	3.3	4.2
1,2-Dichloroethane	1.0	Not Detected	4.2	Not Detected
Trichloroethene	1.0	Not Detected	5.6	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
Toluene	1.0	4.9	3.9	18
trans-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Tetrachloroethene	1.0	Not Detected	7.1	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	8.0	Not Detected
Chlorobenzene	1.0	Not Detected	4.8	Not Detected
Ethyl Benzene	1.0	Not Detected	4.5	Not Detected
m,p-Xylene	1.0	2.3	4.5	10
o-Xylene	1.0	Not Detected	4.5	Not Detected
Styrene	1.0	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.4	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,3-Butadiene	1.0	Not Detected	2.3	Not Detected
Hexane	1.0	1.4	3.7	4.9
Cyclohexane	1.0	Not Detected	3.6	Not Detected
Bromodichloromethane	1.0	3.0	7.0	20

Client Sample ID: OC-SG-010-VP26-053106

Lab ID#: 0606102-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061213**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/12/06 08:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	1.6	8.9	14
Heptane	1.0	Not Detected	4.3	Not Detected
Cumene	1.0	Not Detected	5.1	Not Detected
Propylbenzene	1.0	Not Detected	5.1	Not Detected
Chloromethane	4.2	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	4.2	Not Detected	31	Not Detected
Hexachlorobutadiene	4.2	Not Detected	44	Not Detected
Acetone	4.2	15	9.9	35
Carbon Disulfide	1.0	2.7	3.2	8.4
2-Propanol	4.2	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	1.5	3.1	4.4
Tetrahydrofuran	1.0	Not Detected	3.1	Not Detected
1,4-Dioxane	4.2	Not Detected	15	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.3	Not Detected
2-Hexanone	4.2	Not Detected	17	Not Detected
Bromoform	1.0	1.3	11	13
4-Ethyltoluene	1.0	Not Detected	5.1	Not Detected
Ethanol	4.2	7.3	7.9	14
Methyl tert-butyl ether	1.0	Not Detected	3.8	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.9	Not Detected
3-Chloropropene	4.2	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	56 J
Acetaldehyde	75-07-0	4.0%	12 N J
Butane, 2-methyl-	78-78-4	80%	20 N J
Pentane	109-66-0	50%	14 N J
Pentane, 2-methyl-	107-83-5	87%	16 N J
Cyclotetrasiloxane, octamethyl-	556-67-2	78%	110 N J
Heptane, 2,2-dimethyl-	1071-26-7	72%	22 N J
Unknown	NA	NA	42 J
Cyclohexane, 1,1'-(1-methyl-1,2-ethanedi	41851-34-7	62%	14 N J
Octane, 2,6-dimethyl-	2051-30-1	64%	17 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-010-VP26-053106

Lab ID#: 0606102-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061213**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/12/06 08:02 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: OC-SG-025-VP26-053106

Lab ID#: 0606102-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061214**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 08:52 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.1	Not Detected
Freon 114	1.0	Not Detected	7.2	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.6	Not Detected U J
Bromomethane	1.0	Not Detected	4.0	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
Freon 11	1.0	1.3	5.8	7.1
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Freon 113	1.0	1.7	7.8	13
Methylene Chloride	1.0	Not Detected	3.6	Not Detected
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Chloroform	1.0	2.2	5.0	11
1,1,1-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
Benzene	1.0	2.4	3.3	7.8
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.5	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
Toluene	1.0	6.0	3.9	22
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Tetrachloroethene	1.0	1.8	7.0	12
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.9	Not Detected
Chlorobenzene	1.0	Not Detected	4.7	Not Detected
Ethyl Benzene	1.0	Not Detected	4.4	Not Detected
m,p-Xylene	1.0	2.7	4.4	12
o-Xylene	1.0	1.1	4.4	4.7
Styrene	1.0	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.3	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,3-Butadiene	1.0	6.6	2.3	14
Hexane	1.0	3.4	3.6	12
Cyclohexane	1.0	1.2	3.5	4.2
Bromodichloromethane	1.0	Not Detected	6.9	Not Detected

Client Sample ID: OC-SG-025-VP26-053106

Lab ID#: 0606102-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061214**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 08:52 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	Not Detected	8.7	Not Detected
Heptane	1.0	1.2	4.2	4.9
Cumene	1.0	Not Detected	5.0	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
Chloromethane	4.1	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	4.1	Not Detected	30	Not Detected
Hexachlorobutadiene	4.1	Not Detected	44	Not Detected
Acetone	4.1	31	9.7	74
Carbon Disulfide	1.0	Not Detected	3.2	Not Detected
2-Propanol	4.1	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	3.2	3.0	9.5
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
1,4-Dioxane	4.1	Not Detected	15	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.2	Not Detected
2-Hexanone	4.1	Not Detected	17	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
4-Ethyltoluene	1.0	Not Detected	5.0	Not Detected
Ethanol	4.1	7.1	7.7	13
Methyl tert-butyl ether	1.0	Not Detected	3.7	Not Detected
2,2,4-Trimethylpentane	1.0	1.0	4.8	4.9
3-Chloropropene	4.1	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	210 J
2-Butene, (Z)-	590-18-1	72%	54 N J
Unknown	NA	NA	33 J
Butane, 2-methyl-	78-78-4	80%	18 N J
Unknown	NA	NA	27 J
Pentane, 2-methyl-	107-83-5	90%	25 N J
Heptane, 2,2-dimethyl-	1071-26-7	64%	28 N J
Decane, 2,2,8-trimethyl-	62238-01-1	43%	57 N J
Unknown	NA	NA	25 J
Dodecane, 2,7,10-trimethyl-	74645-98-0	72%	29 N J

Container Type: 1 Liter Silonite Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-025-VP26-053106

Lab ID#: 0606102-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061214**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 08:52 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: OC-SG-025-VP26-053106 Duplicate

Lab ID#: 0606102-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061215**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 09:34 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.1	Not Detected
Freon 114	1.0	Not Detected	7.2	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.6	Not Detected U J
Bromomethane	1.0	Not Detected	4.0	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
Freon 11	1.0	1.2	5.8	6.6
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Freon 113	1.0	1.8	7.8	14
Methylene Chloride	1.0	Not Detected	3.6	Not Detected
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Chloroform	1.0	2.3	5.0	11
1,1,1-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
Benzene	1.0	2.3	3.3	7.4
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.5	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
Toluene	1.0	5.5	3.9	21
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Tetrachloroethene	1.0	1.7	7.0	11
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.9	Not Detected
Chlorobenzene	1.0	Not Detected	4.7	Not Detected
Ethyl Benzene	1.0	Not Detected	4.4	Not Detected
m,p-Xylene	1.0	2.5	4.4	11
o-Xylene	1.0	Not Detected	4.4	Not Detected
Styrene	1.0	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.3	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,3-Butadiene	1.0	7.3	2.3	16
Hexane	1.0	3.1	3.6	11
Cyclohexane	1.0	1.4	3.5	4.8
Bromodichloromethane	1.0	Not Detected	6.9	Not Detected

Client Sample ID: OC-SG-025-VP26-053106 Duplicate

Lab ID#: 0606102-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061215**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 09:34 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	Not Detected	8.7	Not Detected
Heptane	1.0	1.4	4.2	5.8
Cumene	1.0	Not Detected	5.0	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
Chloromethane	4.1	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	4.1	Not Detected	30	Not Detected
Hexachlorobutadiene	4.1	Not Detected	44	Not Detected
Acetone	4.1	31	9.7	74
Carbon Disulfide	1.0	Not Detected	3.2	Not Detected
2-Propanol	4.1	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	3.2	3.0	9.4
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
1,4-Dioxane	4.1	Not Detected	15	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.2	Not Detected
2-Hexanone	4.1	Not Detected	17	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
4-Ethyltoluene	1.0	Not Detected	5.0	Not Detected
Ethanol	4.1	6.7	7.7	13
Methyl tert-butyl ether	1.0	Not Detected	3.7	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.8	Not Detected
3-Chloropropene	4.1	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	190 J
2-Butene, (E)-	624-64-6	86%	82 N J
Unknown	NA	NA	12 J
Butane, 2-methyl-	78-78-4	72%	17 N J
Unknown	NA	NA	15 J
Pentane, 2-methyl-	107-83-5	83%	24 N J
Heptane, 2,2-dimethyl-	1071-26-7	59%	28 N J
Decane, 2,2,8-trimethyl-	62238-01-1	43%	56 N J
Unknown	NA	NA	24 J
Dodecane, 2,7,10-trimethyl-	74645-98-0	78%	26 N J

Container Type: 1 Liter Silonite Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-025-VP26-053106 Duplicate

Lab ID#: 0606102-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061215**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 09:34 PM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: OC-SG-040-VP26-053106

Lab ID#: 0606102-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061216**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 10:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.1	Not Detected
Freon 114	1.0	Not Detected	7.2	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.6	Not Detected U J
Bromomethane	1.0	Not Detected	4.0	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
Freon 11	1.0	Not Detected	5.8	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Freon 113	1.0	1.2	7.8	9.2
Methylene Chloride	1.0	1.4	3.6	4.8
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Chloroform	1.0	Not Detected	5.0	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
Benzene	1.0	3.7	3.3	12
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.5	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
Toluene	1.0	11	3.9	41
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Tetrachloroethene	1.0	Not Detected	7.0	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.9	Not Detected
Chlorobenzene	1.0	Not Detected	4.7	Not Detected
Ethyl Benzene	1.0	1.5	4.4	6.6
m,p-Xylene	1.0	5.3	4.4	23
o-Xylene	1.0	1.7	4.4	7.4
Styrene	1.0	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	1.9	5.0	9.2
1,3-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.3	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,3-Butadiene	1.0	9.2	2.3	20
Hexane	1.0	8.6	3.6	30
Cyclohexane	1.0	4.7	3.5	16
Bromodichloromethane	1.0	Not Detected	6.9	Not Detected

Client Sample ID: OC-SG-040-VP26-053106

Lab ID#: 0606102-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061216**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 10:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	Not Detected	8.7	Not Detected
Heptane	1.0	2.2	4.2	9.2
Cumene	1.0	Not Detected	5.0	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
Chloromethane	4.1	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	4.1	Not Detected	30	Not Detected
Hexachlorobutadiene	4.1	Not Detected	44	Not Detected
Acetone	4.1	30	9.7	71
Carbon Disulfide	1.0	Not Detected	3.2	Not Detected
2-Propanol	4.1	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	3.1	3.0	9.2
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
1,4-Dioxane	4.1	Not Detected	15	Not Detected
4-Methyl-2-pentanone	1.0	1.0	4.2	4.2
2-Hexanone	4.1	Not Detected	17	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
4-Ethyltoluene	1.0	1.4	5.0	6.7
Ethanol	4.1	9.3	7.7	18
Methyl tert-butyl ether	1.0	Not Detected	3.7	Not Detected
2,2,4-Trimethylpentane	1.0	3.2	4.8	15
3-Chloropropene	4.1	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	370 J
2-Butene, (Z)-	590-18-1	64%	140 N J
Butane, 2-methyl-	78-78-4	80%	57 N J
Pentane	109-66-0	72%	69 N J
Pentane, 2-methyl-	107-83-5	91%	120 N J
Pentane, 3-methyl-	96-14-0	90%	46 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	72%	56 N J
Hexane, 2,2,5,5-tetramethyl-	1071-81-4	50%	76 N J
Undecane 3-cyclohexyl-, 3-cyclohexyl-	13151-78-5	59%	34 N J
Dodecane, 2,6,11-trimethyl-	31295-56-4	78%	42 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-040-VP26-053106

Lab ID#: 0606102-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061216**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.05**	**Date of Analysis: 6/12/06 10:12 PM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	100	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-050-VP26-053106

Lab ID#: 0606102-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061217**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/12/06 10:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.2	Not Detected
Freon 114	1.0	Not Detected	7.3	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.7	Not Detected U J
Bromomethane	1.0	Not Detected	4.0	Not Detected
Chloroethane	1.0	Not Detected	2.8	Not Detected
Freon 11	1.0	Not Detected	5.9	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Freon 113	1.0	Not Detected	8.0	Not Detected
Methylene Chloride	1.0	1.6	3.6	5.6
1,1-Dichloroethane	1.0	Not Detected	4.2	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Chloroform	1.0	Not Detected	5.1	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.6	Not Detected
Benzene	1.0	11	3.3	35
1,2-Dichloroethane	1.0	Not Detected	4.2	Not Detected
Trichloroethene	1.0	Not Detected	5.6	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
Toluene	1.0	14	3.9	54
trans-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Tetrachloroethene	1.0	3.8	7.1	25
1,2-Dibromoethane (EDB)	1.0	Not Detected	8.0	Not Detected
Chlorobenzene	1.0	Not Detected	4.8	Not Detected
Ethyl Benzene	1.0	2.6	4.5	11
m,p-Xylene	1.0	5.8	4.5	25
o-Xylene	1.0	2.3	4.5	9.8
Styrene	1.0	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
1,2,4-Trimethylbenzene	1.0	1.7	5.1	8.2
1,3-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.4	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,3-Butadiene	1.0	21	2.3	47
Hexane	1.0	34	3.7	120
Cyclohexane	1.0	7.7	3.6	27
Bromodichloromethane	1.0	Not Detected	7.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-050-VP26-053106

Lab ID#: 0606102-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061217**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/12/06 10:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	Not Detected	8.9	Not Detected
Heptane	1.0	22	4.3	91
Cumene	1.0	Not Detected	5.1	Not Detected
Propylbenzene	1.0	Not Detected	5.1	Not Detected
Chloromethane	4.2	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	4.2	Not Detected	31	Not Detected
Hexachlorobutadiene	4.2	Not Detected	44	Not Detected
Acetone	4.2	52	9.9	120
Carbon Disulfide	1.0	1.8	3.2	5.7
2-Propanol	4.2	5.3	10	13
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	8.4	3.1	25
Tetrahydrofuran	1.0	Not Detected	3.1	Not Detected
1,4-Dioxane	4.2	Not Detected	15	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.3	Not Detected
2-Hexanone	4.2	Not Detected	17	Not Detected
Bromoform	1.0	Not Detected	11	Not Detected
4-Ethyltoluene	1.0	1.3	5.1	6.5
Ethanol	4.2	21	7.9	39
Methyl tert-butyl ether	1.0	Not Detected	3.8	Not Detected
2,2,4-Trimethylpentane	1.0	2.1	4.9	9.6
3-Chloropropene	4.2	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1700 J
Unknown	NA	NA	110 J
Acetaldehyde	75-07-0	9.0%	280 N J
Butane, 2-methyl-	78-78-4	80%	140 N J
Pentane	109-66-0	78%	300 N J
Pentane, 2-methyl-	107-83-5	74%	120 N J
Butanal	123-72-8	49%	86 N J
Pentanal	110-62-3	43%	230 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	78%	77 N J
Unknown	NA	NA	140 J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-050-VP26-053106

Lab ID#: 0606102-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061217**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/12/06 10:51 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	99	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060-VP26-053106

Lab ID#: 0606102-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061227**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/13/06 06:29 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.2	Not Detected
Freon 114	1.0	Not Detected	7.3	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.7	Not Detected U J
Bromomethane	1.0	Not Detected	4.0	Not Detected
Chloroethane	1.0	Not Detected	2.8	Not Detected
Freon 11	1.0	1.4	5.9	8.0
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Freon 113	1.0	1.1	8.0	8.4
Methylene Chloride	1.0	3.0	3.6	10
1,1-Dichloroethane	1.0	Not Detected	4.2	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Chloroform	1.0	Not Detected	5.1	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.6	Not Detected
Benzene	1.0	7.2	3.3	23
1,2-Dichloroethane	1.0	Not Detected	4.2	Not Detected
Trichloroethene	1.0	Not Detected	5.6	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
Toluene	1.0	10	3.9	38
trans-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Tetrachloroethene	1.0	Not Detected	7.1	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	8.0	Not Detected
Chlorobenzene	1.0	Not Detected	4.8	Not Detected
Ethyl Benzene	1.0	1.9	4.5	8.2
m,p-Xylene	1.0	5.9	4.5	26
o-Xylene	1.0	2.1	4.5	9.1
Styrene	1.0	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
1,2,4-Trimethylbenzene	1.0	2.1	5.1	10
1,3-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.4	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,3-Butadiene	1.0	39	2.3	86
Hexane	1.0	20	3.7	71
Cyclohexane	1.0	11	3.6	39
Bromodichloromethane	1.0	Not Detected	7.0	Not Detected

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060-VP26-053106

Lab ID#: 0606102-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061227**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/13/06 06:29 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	Not Detected	8.9	Not Detected
Heptane	1.0	8.8	4.3	36
Cumene	1.0	Not Detected	5.1	Not Detected
Propylbenzene	1.0	Not Detected	5.1	Not Detected
Chloromethane	4.2	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	4.2	Not Detected	31	Not Detected
Hexachlorobutadiene	4.2	Not Detected	44	Not Detected
Acetone	4.2	71	9.9	170
Carbon Disulfide	1.0	2.1	3.2	6.4
2-Propanol	4.2	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	12	3.1	36
Tetrahydrofuran	1.0	Not Detected	3.1	Not Detected
1,4-Dioxane	4.2	Not Detected	15	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.3	Not Detected
2-Hexanone	4.2	Not Detected	17	Not Detected
Bromoform	1.0	Not Detected	11	Not Detected
4-Ethyltoluene	1.0	1.6	5.1	8.0
Ethanol	4.2	17	7.9	33
Methyl tert-butyl ether	1.0	Not Detected	3.8	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.9	Not Detected
3-Chloropropene	4.2	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	2500 J
1-Propyne	74-99-7	90%	120 N J
Unknown	NA	NA	170 J
1-Propene, 2-methyl-	115-11-7	52%	1200 N J
Acetaldehyde	75-07-0	9.0%	340 N J
Butane, 2-methyl-	78-78-4	80%	260 N J
Pentane	109-66-0	78%	320 N J
Pentane, 2-methyl-	107-83-5	87%	150 N J
Pentanal	110-62-3	47%	250 N J
Hexanal	66-25-1	86%	920 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060-VP26-053106

Lab ID#: 0606102-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061227**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/13/06 06:29 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: OC-SG-060-VP26-053106 Duplicate

Lab ID#: 0606102-11AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061219**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/13/06 12:31 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.0	Not Detected	5.2	Not Detected
Freon 114	1.0	Not Detected	7.3	Not Detected
Vinyl Chloride	1.0	Not Detected U J	2.7	Not Detected U J
Bromomethane	1.0	Not Detected	4.0	Not Detected
Chloroethane	1.0	Not Detected	2.8	Not Detected
Freon 11	1.0	1.3	5.9	7.4
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Freon 113	1.0	Not Detected	8.0	Not Detected
Methylene Chloride	1.0	2.9	3.6	10
1,1-Dichloroethane	1.0	Not Detected	4.2	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Chloroform	1.0	Not Detected	5.1	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.6	Not Detected
Benzene	1.0	7.2	3.3	23
1,2-Dichloroethane	1.0	Not Detected	4.2	Not Detected
Trichloroethene	1.0	Not Detected	5.6	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
Toluene	1.0	10	3.9	38
trans-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Tetrachloroethene	1.0	Not Detected	7.1	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	8.0	Not Detected
Chlorobenzene	1.0	Not Detected	4.8	Not Detected
Ethyl Benzene	1.0	2.0	4.5	8.8
m,p-Xylene	1.0	6.4	4.5	28
o-Xylene	1.0	2.3	4.5	10
Styrene	1.0	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
1,2,4-Trimethylbenzene	1.0	2.0	5.1	9.9
1,3-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.4	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,3-Butadiene	1.0	30	2.3	66
Hexane	1.0	19	3.7	68
Cyclohexane	1.0	11	3.6	38
Bromodichloromethane	1.0	Not Detected	7.0	Not Detected

Client Sample ID: OC-SG-060-VP26-053106 Duplicate

Lab ID#: 0606102-11AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061219**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/13/06 12:31 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.0	Not Detected	8.9	Not Detected
Heptane	1.0	9.2	4.3	38
Cumene	1.0	Not Detected	5.1	Not Detected
Propylbenzene	1.0	Not Detected	5.1	Not Detected
Chloromethane	4.2	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	4.2	Not Detected	31	Not Detected
Hexachlorobutadiene	4.2	Not Detected	44	Not Detected
Acetone	4.2	65	9.9	150
Carbon Disulfide	1.0	2.0	3.2	6.4
2-Propanol	4.2	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	13	3.1	37
Tetrahydrofuran	1.0	Not Detected	3.1	Not Detected
1,4-Dioxane	4.2	Not Detected	15	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.3	Not Detected
2-Hexanone	4.2	Not Detected	17	Not Detected
Bromoform	1.0	Not Detected	11	Not Detected
4-Ethyltoluene	1.0	1.6	5.1	7.8
Ethanol	4.2	17	7.9	33
Methyl tert-butyl ether	1.0	Not Detected	3.8	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.9	Not Detected
3-Chloropropene	4.2	Not Detected	13	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	2600 J
1-Propyne	74-99-7	90%	110 N J
Unknown	NA	NA	170 J
1-Propene, 2-methyl-	115-11-7	52%	900 N J
Acetaldehyde	75-07-0	9.0%	350 N J
Butane, 2-methyl-	78-78-4	86%	260 N J
Pentane	109-66-0	78%	330 N J
Pentane, 2-methyl-	107-83-5	90%	150 N J
Pentanal	110-62-3	74%	260 N J
Hexanal	66-25-1	90%	940 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060-VP26-053106 Duplicate

Lab ID#: 0606102-11AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061219**	**Date of Collection: 5/31/06**	
Dil. Factor:	**2.09**	**Date of Analysis: 6/13/06 12:31 AM**	

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	95	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-008-VP30-060106

Lab ID#: 0606102-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061221**	**Date of Collection: 5/31/06**	
Dil. Factor:	**4.10**	**Date of Analysis: 6/13/06 02:13 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.0	Not Detected	10	Not Detected
Freon 114	2.0	Not Detected	14	Not Detected
Vinyl Chloride	2.0	Not Detected U J	5.2	Not Detected U J
Bromomethane	2.0	Not Detected	8.0	Not Detected
Chloroethane	2.0	Not Detected	5.4	Not Detected
Freon 11	2.0	340	12	1900
1,1-Dichloroethene	2.0	340	8.1	1300
Freon 113	2.0	700	16	5300
Methylene Chloride	2.0	Not Detected	7.1	Not Detected
1,1-Dichloroethane	2.0	Not Detected	8.3	Not Detected
cis-1,2-Dichloroethene	2.0	Not Detected	8.1	Not Detected
Chloroform	2.0	9.8	10	48
1,1,1-Trichloroethane	2.0	Not Detected	11	Not Detected
Carbon Tetrachloride	2.0	Not Detected	13	Not Detected
Benzene	2.0	11	6.5	37
1,2-Dichloroethane	2.0	Not Detected	8.3	Not Detected
Trichloroethene	2.0	110	11	590
1,2-Dichloropropane	2.0	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	2.0	Not Detected	9.3	Not Detected
Toluene	2.0	33	7.7	120
trans-1,3-Dichloropropene	2.0	Not Detected	9.3	Not Detected
1,1,2-Trichloroethane	2.0	Not Detected	11	Not Detected
Tetrachloroethene	2.0	110	14	730
1,2-Dibromoethane (EDB)	2.0	Not Detected	16	Not Detected
Chlorobenzene	2.0	Not Detected	9.4	Not Detected
Ethyl Benzene	2.0	2.7	8.9	12
m,p-Xylene	2.0	6.0	8.9	26
o-Xylene	2.0	2.7	8.9	12
Styrene	2.0	Not Detected	8.7	Not Detected
1,1,2,2-Tetrachloroethane	2.0	Not Detected	14	Not Detected
1,3,5-Trimethylbenzene	2.0	Not Detected	10	Not Detected
1,2,4-Trimethylbenzene	2.0	2.7	10	13
1,3-Dichlorobenzene	2.0	Not Detected	12	Not Detected
1,4-Dichlorobenzene	2.0	Not Detected	12	Not Detected
alpha-Chlorotoluene	2.0	Not Detected	11	Not Detected
1,2-Dichlorobenzene	2.0	Not Detected	12	Not Detected
1,3-Butadiene	2.0	12	4.5	26
Hexane	2.0	6.8	7.2	24
Cyclohexane	2.0	Not Detected	7.0	Not Detected
Bromodichloromethane	2.0	3.6	14	24

Client Sample ID: OC-SG-008-VP30-060106

Lab ID#: 0606102-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061221**	**Date of Collection: 5/31/06**	
Dil. Factor:	**4.10**	**Date of Analysis: 6/13/06 02:13 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	2.0	Not Detected	17	Not Detected
Heptane	2.0	4.4	8.4	18
Cumene	2.0	Not Detected	10	Not Detected
Propylbenzene	2.0	Not Detected	10	Not Detected
Chloromethane	8.2	Not Detected	17	Not Detected
1,2,4-Trichlorobenzene	8.2	Not Detected	61	Not Detected
Hexachlorobutadiene	8.2	Not Detected	87	Not Detected
Acetone	8.2	93	19	220
Carbon Disulfide	2.0	Not Detected	6.4	Not Detected
2-Propanol	8.2	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	2.0	Not Detected	8.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	9.5	6.0	28
Tetrahydrofuran	2.0	Not Detected	6.0	Not Detected
1,4-Dioxane	8.2	Not Detected	30	Not Detected
4-Methyl-2-pentanone	2.0	Not Detected	8.4	Not Detected
2-Hexanone	8.2	Not Detected	34	Not Detected
Bromoform	2.0	Not Detected	21	Not Detected
4-Ethyltoluene	2.0	Not Detected	10	Not Detected
Ethanol	8.2	Not Detected	15	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.4	Not Detected
2,2,4-Trimethylpentane	2.0	3.4	9.6	16
3-Chloropropene	8.2	Not Detected	26	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Decane, 2,2-dimethyl-	17302-37-3	83%	540 N J
Undecane, 4,6-dimethyl-	17312-82-2	72%	780 N J
Decane, 2,5,6-trimethyl-	62108-23-0	64%	270 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	1800 N J
Undecane, 2,8-dimethyl-	17301-25-6	72%	830 N J
Propanoic acid, 2-methyl-, 2-(hydroxymet	74367-32-1	59%	540 N J
Decane, 2,2,4-trimethyl-	62237-98-3	78%	1200 N J
Undecane, 4,8-dimethyl-	17301-33-6	86%	560 N J
Undecane, 4,4-dimethyl-	17312-68-4	64%	450 N J
Dodecane, 2,7,10-trimethyl-	74645-98-0	64%	640 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-008-VP30-060106

Lab ID#: 0606102-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061221**	**Date of Collection: 5/31/06**	
Dil. Factor:	**4.10**	**Date of Analysis: 6/13/06 02:13 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: OC-SG-029-VP30-060106

Lab ID#: 0606102-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061222**	**Date of Collection: 5/31/06**	
Dil. Factor:	**8.52**	**Date of Analysis: 6/13/06 02:51 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.3	Not Detected	21	Not Detected
Freon 114	4.3	Not Detected	30	Not Detected
Vinyl Chloride	4.3	Not Detected U J	11	Not Detected U J
Bromomethane	4.3	Not Detected	16	Not Detected
Chloroethane	4.3	Not Detected	11	Not Detected
Freon 11	4.3	480	24	2700
1,1-Dichloroethene	4.3	320	17	1300
Freon 113	4.3	1100	33	8500
Methylene Chloride	4.3	Not Detected	15	Not Detected
1,1-Dichloroethane	4.3	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	4.3	Not Detected	17	Not Detected
Chloroform	4.3	Not Detected	21	Not Detected
1,1,1-Trichloroethane	4.3	Not Detected	23	Not Detected
Carbon Tetrachloride	4.3	Not Detected	27	Not Detected
Benzene	4.3	28	14	90
1,2-Dichloroethane	4.3	Not Detected	17	Not Detected
Trichloroethene	4.3	74	23	400
1,2-Dichloropropane	4.3	Not Detected	20	Not Detected
cis-1,3-Dichloropropene	4.3	Not Detected	19	Not Detected
Toluene	4.3	300	16	1100
trans-1,3-Dichloropropene	4.3	Not Detected	19	Not Detected
1,1,2-Trichloroethane	4.3	Not Detected	23	Not Detected
Tetrachloroethene	4.3	56	29	380
1,2-Dibromoethane (EDB)	4.3	Not Detected	33	Not Detected
Chlorobenzene	4.3	Not Detected	20	Not Detected
Ethyl Benzene	4.3	4.7	18	21
m,p-Xylene	4.3	10	18	44
o-Xylene	4.3	Not Detected	18	Not Detected
Styrene	4.3	Not Detected	18	Not Detected
1,1,2,2-Tetrachloroethane	4.3	Not Detected	29	Not Detected
1,3,5-Trimethylbenzene	4.3	Not Detected	21	Not Detected
1,2,4-Trimethylbenzene	4.3	Not Detected	21	Not Detected
1,3-Dichlorobenzene	4.3	Not Detected	26	Not Detected
1,4-Dichlorobenzene	4.3	Not Detected	26	Not Detected
alpha-Chlorotoluene	4.3	Not Detected	22	Not Detected
1,2-Dichlorobenzene	4.3	Not Detected	26	Not Detected
1,3-Butadiene	4.3	63	9.4	140
Hexane	4.3	25	15	88
Cyclohexane	4.3	Not Detected	15	Not Detected
Bromodichloromethane	4.3	Not Detected	28	Not Detected

Client Sample ID: OC-SG-029-VP30-060106

Lab ID#: 0606102-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061222**	**Date of Collection: 5/31/06**	
Dil. Factor:	**8.52**	**Date of Analysis: 6/13/06 02:51 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	4.3	Not Detected	36	Not Detected
Heptane	4.3	24	17	99
Cumene	4.3	Not Detected	21	Not Detected
Propylbenzene	4.3	Not Detected	21	Not Detected
Chloromethane	17	Not Detected	35	Not Detected
1,2,4-Trichlorobenzene	17	Not Detected	130	Not Detected
Hexachlorobutadiene	17	Not Detected	180	Not Detected
Acetone	17	67	40	160
Carbon Disulfide	4.3	7.5	13	23
2-Propanol	17	Not Detected	42	Not Detected
trans-1,2-Dichloroethene	4.3	Not Detected	17	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.3	59	12	180
Tetrahydrofuran	4.3	Not Detected	12	Not Detected
1,4-Dioxane	17	Not Detected	61	Not Detected
4-Methyl-2-pentanone	4.3	Not Detected	17	Not Detected
2-Hexanone	17	Not Detected	70	Not Detected
Bromoform	4.3	Not Detected	44	Not Detected
4-Ethyltoluene	4.3	Not Detected	21	Not Detected
Ethanol	17	Not Detected	32	Not Detected
Methyl tert-butyl ether	4.3	Not Detected	15	Not Detected
2,2,4-Trimethylpentane	4.3	Not Detected	20	Not Detected
3-Chloropropene	17	Not Detected	53	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Decane, 2,2-dimethyl-	17302-37-3	83%	1200 N J
Nonane, 3-methyl-5-propyl-	31081-18-2	72%	1700 N J
Hexane, 2,2,5-trimethyl-	3522-94-9	64%	3600 N J
Undecane, 2,8-dimethyl-	17301-25-6	59%	1500 N J
Heptane, 2,4-dimethyl-	2213-23-2	72%	520 N J
Butane, 2,2-dimethyl-	75-83-2	64%	900 N J
Decane, 2,2,6-trimethyl-	62237-97-2	83%	2100 N J
Decane, 3,3,6-trimethyl-	62338-14-1	86%	860 N J
Undecane, 4,4-dimethyl-	17312-68-4	64%	610 N J
Octane, 2,6-dimethyl-	2051-30-1	72%	910 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-029-VP30-060106

Lab ID#: 0606102-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061222**	**Date of Collection: 5/31/06**	
Dil. Factor:	**8.52**	**Date of Analysis: 6/13/06 02:51 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	96	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-040-VP30-060106

Lab ID#: 0606102-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061223**	**Date of Collection: 5/31/06**	
Dil. Factor:	**4.18**	**Date of Analysis: 6/13/06 03:29 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.1	Not Detected	10	Not Detected
Freon 114	2.1	Not Detected	15	Not Detected
Vinyl Chloride	2.1	Not Detected U J	5.3	Not Detected U J
Bromomethane	2.1	Not Detected	8.1	Not Detected
Chloroethane	2.1	Not Detected	5.5	Not Detected
Freon 11	2.1	51	12	290
1,1-Dichloroethene	2.1	18	8.3	72
Freon 113	2.1	71	16	540
Methylene Chloride	2.1	Not Detected	7.3	Not Detected
1,1-Dichloroethane	2.1	Not Detected	8.5	Not Detected
cis-1,2-Dichloroethene	2.1	Not Detected	8.3	Not Detected
Chloroform	2.1	3.3	10	16
1,1,1-Trichloroethane	2.1	Not Detected	11	Not Detected
Carbon Tetrachloride	2.1	Not Detected	13	Not Detected
Benzene	2.1	4.6	6.7	14
1,2-Dichloroethane	2.1	Not Detected	8.4	Not Detected
Trichloroethene	2.1	Not Detected	11	Not Detected
1,2-Dichloropropane	2.1	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	2.1	Not Detected	9.5	Not Detected
Toluene	2.1	29	7.9	110
trans-1,3-Dichloropropene	2.1	Not Detected	9.5	Not Detected
1,1,2-Trichloroethane	2.1	Not Detected	11	Not Detected
Tetrachloroethene	2.1	Not Detected	14	Not Detected
1,2-Dibromoethane (EDB)	2.1	Not Detected	16	Not Detected
Chlorobenzene	2.1	Not Detected	9.6	Not Detected
Ethyl Benzene	2.1	Not Detected	9.1	Not Detected
m,p-Xylene	2.1	5.4	9.1	23
o-Xylene	2.1	2.4	9.1	10
Styrene	2.1	Not Detected	8.9	Not Detected
1,1,2,2-Tetrachloroethane	2.1	Not Detected	14	Not Detected
1,3,5-Trimethylbenzene	2.1	Not Detected	10	Not Detected
1,2,4-Trimethylbenzene	2.1	2.9	10	14
1,3-Dichlorobenzene	2.1	Not Detected	12	Not Detected
1,4-Dichlorobenzene	2.1	Not Detected	12	Not Detected
alpha-Chlorotoluene	2.1	Not Detected	11	Not Detected
1,2-Dichlorobenzene	2.1	Not Detected	12	Not Detected
1,3-Butadiene	2.1	Not Detected	4.6	Not Detected
Hexane	2.1	10	7.4	35
Cyclohexane	2.1	Not Detected	7.2	Not Detected
Bromodichloromethane	2.1	Not Detected	14	Not Detected

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-040-VP30-060106

Lab ID#: 0606102-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061223**	**Date of Collection: 5/31/06**	
Dil. Factor:	**4.18**	**Date of Analysis: 6/13/06 03:29 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	2.1	Not Detected	18	Not Detected
Heptane	2.1	3.8	8.6	16
Cumene	2.1	Not Detected	10	Not Detected
Propylbenzene	2.1	Not Detected	10	Not Detected
Chloromethane	8.4	Not Detected	17	Not Detected
1,2,4-Trichlorobenzene	8.4	Not Detected	62	Not Detected
Hexachlorobutadiene	8.4	Not Detected	89	Not Detected
Acetone	8.4	65	20	150
Carbon Disulfide	2.1	Not Detected	6.5	Not Detected
2-Propanol	8.4	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	2.1	Not Detected	8.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.1	8.2	6.2	24
Tetrahydrofuran	2.1	Not Detected	6.2	Not Detected
1,4-Dioxane	8.4	Not Detected	30	Not Detected
4-Methyl-2-pentanone	2.1	Not Detected	8.6	Not Detected
2-Hexanone	8.4	Not Detected	34	Not Detected
Bromoform	2.1	Not Detected	22	Not Detected
4-Ethyltoluene	2.1	Not Detected	10	Not Detected
Ethanol	8.4	11	16	21
Methyl tert-butyl ether	2.1	Not Detected	7.5	Not Detected
2,2,4-Trimethylpentane	2.1	6.8	9.8	32
3-Chloropropene	8.4	Not Detected	26	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	83%	960 N J
Undecane, 4,6-dimethyl-	17312-82-2	64%	1400 N J
Heptane, 2,2,3,4,6,6-hexamethyl-	62108-32-1	64%	410 N J
Pentane, 2,3-dimethyl-	565-59-3	64%	2800 N J
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	53%	1200 N J
Dodecane, 2,6,11-trimethyl-	31295-56-4	59%	700 N J
Decane, 2,2,5-trimethyl-	62237-96-1	83%	1600 N J
Undecane, 4,8-dimethyl-	17301-33-6	83%	670 N J
Undecane, 4,4-dimethyl-	17312-68-4	64%	470 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-040-VP30-060106

Lab ID#: 0606102-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061223**	**Date of Collection: 5/31/06**	
Dil. Factor:	**4.18**	**Date of Analysis: 6/13/06 03:29 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	96	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-050-VP30-060106

Lab ID#: 0606102-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061224**	**Date of Collection: 5/31/06**	
Dil. Factor:	**8.36**	**Date of Analysis: 6/13/06 04:07 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.2	Not Detected	21	Not Detected
Freon 114	4.2	Not Detected	29	Not Detected
Vinyl Chloride	4.2	Not Detected U J	11	Not Detected U J
Bromomethane	4.2	Not Detected	16	Not Detected
Chloroethane	4.2	Not Detected	11	Not Detected
Freon 11	4.2	470	23	2600
1,1-Dichloroethene	4.2	110	16	440
Freon 113	4.2	750	32	5700
Methylene Chloride	4.2	Not Detected	14	Not Detected
1,1-Dichloroethane	4.2	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	4.2	Not Detected	16	Not Detected
Chloroform	4.2	Not Detected	20	Not Detected
1,1,1-Trichloroethane	4.2	Not Detected	23	Not Detected
Carbon Tetrachloride	4.2	Not Detected	26	Not Detected
Benzene	4.2	7.3	13	23
1,2-Dichloroethane	4.2	Not Detected	17	Not Detected
Trichloroethene	4.2	6.5	22	35
1,2-Dichloropropane	4.2	Not Detected	19	Not Detected
cis-1,3-Dichloropropene	4.2	Not Detected	19	Not Detected
Toluene	4.2	51	16	190
trans-1,3-Dichloropropene	4.2	Not Detected	19	Not Detected
1,1,2-Trichloroethane	4.2	Not Detected	23	Not Detected
Tetrachloroethene	4.2	Not Detected	28	Not Detected
1,2-Dibromoethane (EDB)	4.2	Not Detected	32	Not Detected
Chlorobenzene	4.2	Not Detected	19	Not Detected
Ethyl Benzene	4.2	Not Detected	18	Not Detected
m,p-Xylene	4.2	7.8	18	34
o-Xylene	4.2	Not Detected	18	Not Detected
Styrene	4.2	Not Detected	18	Not Detected
1,1,2,2-Tetrachloroethane	4.2	Not Detected	29	Not Detected
1,3,5-Trimethylbenzene	4.2	Not Detected	20	Not Detected
1,2,4-Trimethylbenzene	4.2	5.0	20	24
1,3-Dichlorobenzene	4.2	Not Detected	25	Not Detected
1,4-Dichlorobenzene	4.2	Not Detected	25	Not Detected
alpha-Chlorotoluene	4.2	Not Detected	22	Not Detected
1,2-Dichlorobenzene	4.2	Not Detected	25	Not Detected
1,3-Butadiene	4.2	15	9.2	32
Hexane	4.2	15	15	54
Cyclohexane	4.2	Not Detected	14	Not Detected
Bromodichloromethane	4.2	Not Detected	28	Not Detected

Client Sample ID: OC-SG-050-VP30-060106

Lab ID#: 0606102-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061224**	**Date of Collection: 5/31/06**	
Dil. Factor:	**8.36**	**Date of Analysis: 6/13/06 04:07 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	4.2	Not Detected	36	Not Detected
Heptane	4.2	7.6	17	31
Cumene	4.2	Not Detected	20	Not Detected
Propylbenzene	4.2	Not Detected	20	Not Detected
Chloromethane	17	Not Detected	34	Not Detected
1,2,4-Trichlorobenzene	17	Not Detected	120	Not Detected
Hexachlorobutadiene	17	Not Detected	180	Not Detected
Acetone	17	100	40	250
Carbon Disulfide	4.2	Not Detected	13	Not Detected
2-Propanol	17	Not Detected	41	Not Detected
trans-1,2-Dichloroethene	4.2	Not Detected	16	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.2	24	12	70
Tetrahydrofuran	4.2	Not Detected	12	Not Detected
1,4-Dioxane	17	Not Detected	60	Not Detected
4-Methyl-2-pentanone	4.2	Not Detected	17	Not Detected
2-Hexanone	17	Not Detected	68	Not Detected
Bromoform	4.2	Not Detected	43	Not Detected
4-Ethyltoluene	4.2	Not Detected	20	Not Detected
Ethanol	17	Not Detected	32	Not Detected
Methyl tert-butyl ether	4.2	Not Detected	15	Not Detected
2,2,4-Trimethylpentane	4.2	6.8	20	32
3-Chloropropene	17	Not Detected	52	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	1600 J
Decane, 2,2-dimethyl-	17302-37-3	83%	1400 N J
Undecane, 3,8-dimethyl-	17301-30-3	64%	2100 N J
Heptane, 4-ethyl-2,2,6,6-tetramethyl-	62108-31-0	64%	520 N J
Hexane, 2,2,4-trimethyl-	16747-26-5	64%	3900 N J
Octane, 2,3,6-trimethyl-	62016-33-5	50%	1600 N J
Dodecane, 2,6,11-trimethyl-	31295-56-4	56%	820 N J
Decane, 2,2,7-trimethyl-	62237-99-4	78%	1800 N J
Undecane, 4,8-dimethyl-	17301-33-6	78%	750 N J
Dodecane, 2,7,10-trimethyl-	74645-98-0	78%	850 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-050-VP30-060106

Lab ID#: 0606102-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061224**	**Date of Collection: 5/31/06**	
Dil. Factor:	**8.36**	**Date of Analysis: 6/13/06 04:07 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: OC-SG-060-VP30-060106

Lab ID#: 0606102-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061225**	**Date of Collection: 5/31/06**	
Dil. Factor:	**8.36**	**Date of Analysis: 6/13/06 04:46 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.2	Not Detected	21	Not Detected
Freon 114	4.2	Not Detected	29	Not Detected
Vinyl Chloride	4.2	Not Detected U J	11	Not Detected U J
Bromomethane	4.2	Not Detected	16	Not Detected
Chloroethane	4.2	Not Detected	11	Not Detected
Freon 11	4.2	580	23	3200
1,1-Dichloroethene	4.2	130	16	500
Freon 113	4.2	960	32	7400
Methylene Chloride	4.2	Not Detected	14	Not Detected
1,1-Dichloroethane	4.2	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	4.2	Not Detected	16	Not Detected
Chloroform	4.2	Not Detected	20	Not Detected
1,1,1-Trichloroethane	4.2	Not Detected	23	Not Detected
Carbon Tetrachloride	4.2	Not Detected	26	Not Detected
Benzene	4.2	14	13	43
1,2-Dichloroethane	4.2	Not Detected	17	Not Detected
Trichloroethene	4.2	14	22	77
1,2-Dichloropropane	4.2	Not Detected	19	Not Detected
cis-1,3-Dichloropropene	4.2	Not Detected	19	Not Detected
Toluene	4.2	75	16	280
trans-1,3-Dichloropropene	4.2	Not Detected	19	Not Detected
1,1,2-Trichloroethane	4.2	Not Detected	23	Not Detected
Tetrachloroethene	4.2	12	28	78
1,2-Dibromoethane (EDB)	4.2	Not Detected	32	Not Detected
Chlorobenzene	4.2	Not Detected	19	Not Detected
Ethyl Benzene	4.2	Not Detected	18	Not Detected
m,p-Xylene	4.2	9.0	18	39
o-Xylene	4.2	4.5	18	19
Styrene	4.2	Not Detected	18	Not Detected
1,1,2,2-Tetrachloroethane	4.2	Not Detected	29	Not Detected
1,3,5-Trimethylbenzene	4.2	Not Detected	20	Not Detected
1,2,4-Trimethylbenzene	4.2	6.0	20	30
1,3-Dichlorobenzene	4.2	Not Detected	25	Not Detected
1,4-Dichlorobenzene	4.2	Not Detected	25	Not Detected
alpha-Chlorotoluene	4.2	Not Detected	22	Not Detected
1,2-Dichlorobenzene	4.2	Not Detected	25	Not Detected
1,3-Butadiene	4.2	28	9.2	63
Hexane	4.2	15	15	54
Cyclohexane	4.2	Not Detected	14	Not Detected
Bromodichloromethane	4.2	Not Detected	28	Not Detected

Client Sample ID: OC-SG-060-VP30-060106

Lab ID#: 0606102-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061225**	**Date of Collection: 5/31/06**	
Dil. Factor:	**8.36**	**Date of Analysis: 6/13/06 04:46 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	4.2	Not Detected	36	Not Detected
Heptane	4.2	7.8	17	32
Cumene	4.2	Not Detected	20	Not Detected
Propylbenzene	4.2	Not Detected	20	Not Detected
Chloromethane	17	Not Detected	34	Not Detected
1,2,4-Trichlorobenzene	17	Not Detected	120	Not Detected
Hexachlorobutadiene	17	Not Detected	180	Not Detected
Acetone	17	66	40	160
Carbon Disulfide	4.2	Not Detected	13	Not Detected
2-Propanol	17	Not Detected	41	Not Detected
trans-1,2-Dichloroethene	4.2	Not Detected	16	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.2	14	12	41
Tetrahydrofuran	4.2	Not Detected	12	Not Detected
1,4-Dioxane	17	Not Detected	60	Not Detected
4-Methyl-2-pentanone	4.2	Not Detected	17	Not Detected
2-Hexanone	17	Not Detected	68	Not Detected
Bromoform	4.2	Not Detected	43	Not Detected
4-Ethyltoluene	4.2	Not Detected	20	Not Detected
Ethanol	17	Not Detected	32	Not Detected
Methyl tert-butyl ether	4.2	Not Detected	15	Not Detected
2,2,4-Trimethylpentane	4.2	Not Detected	20	Not Detected
3-Chloropropene	17	Not Detected	52	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	2300 J
Decane, 2,2-dimethyl-	17302-37-3	83%	1500 N J
Octane, 2,4,6-trimethyl-	62016-37-9	72%	2300 N J
Hexane, 2,2,5,5-tetramethyl-	1071-81-4	59%	4100 N J
Undecane, 3,8-dimethyl-	17301-30-3	53%	1600 N J
Decane, 3-methyl-	13151-34-3	59%	890 N J
Decane, 2,2,8-trimethyl-	62238-01-1	83%	2000 N J
Decane, 3,3,5-trimethyl-	62338-13-0	78%	820 N J
Undecane, 4,4-dimethyl-	17312-68-4	53%	560 N J
Dodecane, 2,7,10-trimethyl-	74645-98-0	78%	930 N J

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-060-VP30-060106

Lab ID#: 0606102-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061225**	**Date of Collection: 5/31/06**	
Dil. Factor:	**8.36**	**Date of Analysis: 6/13/06 04:46 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	98	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OC-SG-TRIPBLANK-060106

Lab ID#: 0606102-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061226**	**Date of Collection: 5/31/06**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/13/06 05:40 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected U J	1.3	Not Detected U J
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected

Client Sample ID: OC-SG-TRIPBLANK-060106

Lab ID#: 0606102-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061226**	**Date of Collection: 5/31/06**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/13/06 05:40 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	92	70-130

Client Sample ID: Lab Blank

Lab ID#: 0606102-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/06 01:57 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Vinyl Chloride	0.50	Not Detected U J	1.3	Not Detected U J
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0606102-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/06 01:57 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	96	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0606102-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/06 11:14 AM**	

Compound	%Recovery
Freon 12	105
Freon 114	96
Vinyl Chloride	66 Q
Bromomethane	100
Chloroethane	82
Freon 11	111
1,1-Dichloroethene	105
Freon 113	105
Methylene Chloride	96
1,1-Dichloroethane	100
cis-1,2-Dichloroethene	97
Chloroform	99
1,1,1-Trichloroethane	100
Carbon Tetrachloride	111
Benzene	100
1,2-Dichloroethane	109
Trichloroethene	103
1,2-Dichloropropane	93
cis-1,3-Dichloropropene	107
Toluene	101
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	101
Tetrachloroethene	104
1,2-Dibromoethane (EDB)	103
Chlorobenzene	99
Ethyl Benzene	97
m,p-Xylene	88
o-Xylene	96
Styrene	85
1,1,2,2-Tetrachloroethane	94
1,3,5-Trimethylbenzene	95
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	95
1,4-Dichlorobenzene	97
alpha-Chlorotoluene	117
1,2-Dichlorobenzene	94
1,3-Butadiene	108
Hexane	86
Cyclohexane	96
Bromodichloromethane	116

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0606102-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/06 11:14 AM**	

Compound	**%Recovery**
Dibromochloromethane	119
Heptane	92
Cumene	89
Propylbenzene	103
Chloromethane	90
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	93
Acetone	93
Carbon Disulfide	102
2-Propanol	95
trans-1,2-Dichloroethene	98
2-Butanone (Methyl Ethyl Ketone)	92
Tetrahydrofuran	92
1,4-Dioxane	105
4-Methyl-2-pentanone	100
2-Hexanone	98
Bromoform	121
4-Ethyltoluene	101
Ethanol	86
Methyl tert-butyl ether	98
2,2,4-Trimethylpentane	90
3-Chloropropene	99

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS

Lab ID#: 0606102-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/06 12:06 PM**	

Compound	%Recovery
Freon 12	116
Freon 114	112
Vinyl Chloride	137 Q
Bromomethane	119
Chloroethane	98
Freon 11	117
1,1-Dichloroethene	104
Freon 113	109
Methylene Chloride	97
1,1-Dichloroethane	99
cis-1,2-Dichloroethene	98
Chloroform	98
1,1,1-Trichloroethane	109
Carbon Tetrachloride	120
Benzene	102
1,2-Dichloroethane	111
Trichloroethene	107
1,2-Dichloropropane	98
cis-1,3-Dichloropropene	89
Toluene	109
trans-1,3-Dichloropropene	94
1,1,2-Trichloroethane	98
Tetrachloroethene	101
1,2-Dibromoethane (EDB)	102
Chlorobenzene	101
Ethyl Benzene	102
m,p-Xylene	85
o-Xylene	86
Styrene	76
1,1,2,2-Tetrachloroethane	96
1,3,5-Trimethylbenzene	83
1,2,4-Trimethylbenzene	67 Q
1,3-Dichlorobenzene	99
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	96
1,3-Butadiene	140
Hexane	90
Cyclohexane	102
Bromodichloromethane	113

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0606102-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i061203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/06 12:06 PM**	

Compound	**%Recovery**
Dibromochloromethane	113
Heptane	96
Cumene	85
Propylbenzene	102
Chloromethane	103
1,2,4-Trichlorobenzene	100
Hexachlorobutadiene	97
Acetone	91
Carbon Disulfide	110
2-Propanol	93
trans-1,2-Dichloroethene	95
2-Butanone (Methyl Ethyl Ketone)	91
Tetrahydrofuran	90
1,4-Dioxane	107
4-Methyl-2-pentanone	104
2-Hexanone	91
Bromoform	115
4-Ethyltoluene	97
Ethanol	107
Methyl tert-butyl ether	100
2,2,4-Trimethylpentane	95
3-Chloropropene	92

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	98	70-130

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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Contact Person: SHARON WALLIN
Company: CDM, INC Email:
Address: 18881 TELLER AVE #200 City: IRVINE State: CA Zip: 92612
Phone: (949) 752-5452 Fax: (949) 752-1393
Collected by: (Signature)

Project Info:
P.O. #:
Project #: 10500
Project Name: OMEGA CHEMICALS

Turn Around Time:
X Normal
Rush
(specify)

Lab Use Only
Pressurized by: VFA
Date: 6/06/06
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time Collected	Analyses Requested: TICS, TO-15, Acetone + Freon (11, 12, 113), Field PID (ppm v)	Canister Pressure/Vacuum: Initial	Final	Receipt	Final (psi)
01A	OC-SG-010-VP27-053106	5C95	05/31/06	0944	X X 0.0	GRAB SAMPLES		0.0" Hg	15.905
02A	-040-	5C43		0950	X X 0.0			0.0" Hg	
03A	-026-	5C33		1022	X X 0.1			0.0" Hg	
04A	-050-	5C34		1015	X X 0.1			4.0" Hg	
05A	-060-	5C18		1018	X X 0.1			5.0" Hg	
06A	-060K-	9A930		1019	X X 0.1			0.5" Hg	
07A	-010* - VP26 - 053106	9504		1145	X X 0.1			1.0" Hg	
08A	-025-	5C1		1139	X X 0.1			0.5" Hg	
09A	-040-	9530		1143	X X 0.1			0.5" Hg	
10A	-050-	9385		1142	X X 0.1			1.0" Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
	06/02/06	FED-EX TRK # 6429 3890 7879	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
			ATL 6/5/06 0908
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
* OC-SG-10-VP26-053106 sample had water in probe.

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Fed Ex	6429 3890 7879	NA	Good	Yes No (None)	0606102

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180 BLUE RAVINE ROAD, SUITE B
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(916) 985-1000 FAX (916) 985-1020

Contact Person SHARON WALLIN
Company CDM Email
Address 18581 TELLER AVE #200 City IRVINE State CA Zip 92612
Phone (949) 752-5452 Fax (949) 752-1307
Collected by: (Signature)

Project Info:
P.O. #
Project # 10500
Project Name OMEGA

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VHR
Date: 6/06/06
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	TICs TO-15	Acetone + Analyses Requested Freon (11, 12, 113)	Field PID (ppmV)	Canister Pressure/Vacuum Initial	Final	Receipt (psi)	Final (psi)
11A	OC-SG-060-VP26-053106	9363	05/31/06	1150	X	X	0.1	GRAB	—	1.0 "Hg	15.0 psi
12A	OC-SG-058-VP30-060106	1824	06/01/06	1928	X	X	0.1	—	—	0.5 "Hg	
13A	" -029- "	10835		1925	X	X	0.1	—	—	1.5 "Hg	
14A	" -040- "	5432		1845	X	X	0.1	—	—	1.0 "Hg	
15A	" -050- "	20773		1844	X	X	0.1	—	—	1.0 "Hg	
16A	" -060- "	12354		1820	X	X	1.8	—	—	1.0 "Hg	
17A	OC-SG-TRIPBLANK-060106	5464		NA	TO-15 + FREON (11, 12, 113)			NA	NA	28.5 "Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Notes:
	06/02/06	FED-EX TRK # 6429 3890 7879		
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
			ATL 6/3/06 0908	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	6429 3890 7879	NA	Good	Yes No (None)	0606102

Form 1298 rev.10

Del Mar Analytical

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

LABORATORY REPORT

Prepared For: Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project: Omega Chemical Soil
10500-

Sampled: 10/27/03
Received: 10/28/03
Issued: 11/12/03

NELAP #01108CA CA ELAP #1197

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 2°C, on ice and with chain of custody documentation.

HOLDING TIMES: Holding times were met. Soil encores are frozen upon receipt to -12 °C to extend the hold time to 7 days. Samples IMJ1507-01 and -02 had relatively high concentrations and were extracted in Methanol which extends the hold time to 14 days for analysis.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

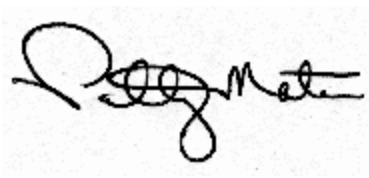
QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

EPA 8260 LCS recoveries of 1,2-Dichlorobenzene and Bromobenzene were above acceptance limits for QC batch 3K03007. None of the associated samples had detectable levels of this compound so sample results were not impacted.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IMJ1507-01	OC-SB-GP1-075-102703	Soil
IMJ1507-02	OC-SB-GP1-060-102703	Soil
IMJ1507-03	OC-SB-GP1-085-102703	Soil
IMJ1507-04	OC-SB-GP2-700-102703	Water



Del Mar Analytical, Irvine
Patty Mata
Project Manager

Del Mar Analytical

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-04 (OC-SB-GP2-700-102703 - Water)								
Reporting Units: ug/l								
Acetone	EPA 8260B	3K03028	10	ND	1	11/3/2003	11/4/2003	
Benzene	EPA 8260B	3K03028	0.50	ND	1	11/3/2003	11/4/2003	
Bromobenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Bromochloromethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Bromodichloromethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Bromoform	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Bromomethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
n-Butylbenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
sec-Butylbenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
tert-Butylbenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Carbon tetrachloride	EPA 8260B	3K03028	0.50	ND	1	11/3/2003	11/4/2003	
Chlorobenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Chloroethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Chloroform	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Chloromethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
2-Chlorotoluene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
4-Chlorotoluene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Dibromochloromethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K03028	5.0	ND	1	11/3/2003	11/4/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Dibromomethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,2-Dichlorobenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,3-Dichlorobenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,4-Dichlorobenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Dichlorodifluoromethane	EPA 8260B	3K03028	5.0	ND	1	11/3/2003	11/4/2003	
1,1-Dichloroethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,2-Dichloroethane	EPA 8260B	3K03028	0.50	ND	1	11/3/2003	11/4/2003	
1,1-Dichloroethene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,2-Dichloropropane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,3-Dichloropropane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
2,2-Dichloropropane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,1-Dichloropropene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K03028	0.50	ND	1	11/3/2003	11/4/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K03028	0.50	ND	1	11/3/2003	11/4/2003	
Ethylbenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Hexachlorobutadiene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Isopropylbenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
p-Isopropyltoluene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-04 (OC-SB-GP2-700-102703 - Water) - cont.								
Reporting Units: ug/l								
Methylene chloride	EPA 8260B	3K03028	5.0	ND	1	11/3/2003	11/4/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Naphthalene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
n-Propylbenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Styrene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Tetrachloroethene	EPA 8260B	3K03028	1.0	**35**	1	11/3/2003	11/4/2003	
Toluene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,1,1-Trichloroethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,1,2-Trichloroethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Trichloroethene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Trichlorofluoromethane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K03028	5.0	ND	1	11/3/2003	11/4/2003	
1,2,3-Trichloropropane	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Vinyl chloride	EPA 8260B	3K03028	0.50	ND	1	11/3/2003	11/4/2003	
o-Xylene	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
m,p-Xylenes	EPA 8260B	3K03028	1.0	ND	1	11/3/2003	11/4/2003	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

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Camp, Dresser & McKee
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Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-01 (OC-SB-GP1-075-102703 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	3K03007	1300	ND	83.6	11/3/2003	11/5/2003	
Benzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Bromobenzene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
Bromochloromethane	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
Bromodichloromethane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Bromoform	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
Bromomethane	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
2-Butanone (MEK)	EPA 8260B	3K03007	840	ND	83.6	11/3/2003	11/5/2003	
n-Butylbenzene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
sec-Butylbenzene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
tert-Butylbenzene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
Carbon tetrachloride	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
Chlorobenzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Chloroethane	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
Chloroform	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Chloromethane	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
2-Chlorotoluene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
4-Chlorotoluene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
Dibromochloromethane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Dibromomethane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,2-Dichlorobenzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,3-Dichlorobenzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,4-Dichlorobenzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Dichlorodifluoromethane	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
1,1-Dichloroethane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,2-Dichloroethane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,1-Dichloroethene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,2-Dichloropropane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,3-Dichloropropane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
2,2-Dichloropropane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,1-Dichloropropene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Ethylbenzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Hexachlorobutadiene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
2-Hexanone	EPA 8260B	3K03007	420	ND	83.6	11/3/2003	11/5/2003	

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-01 (OC-SB-GP1-075-102703 - Soil) - cont.								
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
p-Isopropyltoluene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Methylene chloride	EPA 8260B	3K03007	840	ND	83.6	11/3/2003	11/5/2003	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	3K03007	420	ND	83.6	11/3/2003	11/5/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
Naphthalene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
n-Propylbenzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Styrene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Tetrachloroethene	EPA 8260B	3K03007	84	**4100**	83.6	11/3/2003	11/5/2003	
Toluene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
1,1,1-Trichloroethane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,1,2-Trichloroethane	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Trichloroethene	EPA 8260B	3K03007	84	**100**	83.6	11/3/2003	11/5/2003	
Trichlorofluoromethane	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
1,2,3-Trichloropropane	EPA 8260B	3K03007	420	ND	83.6	11/3/2003	11/5/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Vinyl chloride	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
o-Xylene	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
m,p-Xylenes	EPA 8260B	3K03007	84	ND	83.6	11/3/2003	11/5/2003	
Xylenes, Total	EPA 8260B	3K03007	170	ND	83.6	11/3/2003	11/5/2003	
Di-isopropyl Ether (DIPE)	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	3K03007	210	ND	83.6	11/3/2003	11/5/2003	
tert-Butanol (TBA)	EPA 8260B	3K03007	2100	ND	83.6	11/3/2003	11/5/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K03007	420	ND	83.6	11/3/2003	11/5/2003	
Surrogate: Dibromofluoromethane (50-160%)				*82 %*				
Surrogate: Toluene-d8 (60-160%)				*85 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*89 %*				

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Patty Mata
Project Manager

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-02 (OC-SB-GP1-060-102703 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	3K03007	1200	ND	82.6	11/3/2003	11/5/2003	
Benzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Bromobenzene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
Bromochloromethane	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
Bromodichloromethane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Bromoform	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
Bromomethane	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
2-Butanone (MEK)	EPA 8260B	3K03007	830	ND	82.6	11/3/2003	11/5/2003	
n-Butylbenzene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
sec-Butylbenzene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
tert-Butylbenzene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
Carbon tetrachloride	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
Chlorobenzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Chloroethane	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
Chloroform	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Chloromethane	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
2-Chlorotoluene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
4-Chlorotoluene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
Dibromochloromethane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Dibromomethane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,2-Dichlorobenzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,3-Dichlorobenzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,4-Dichlorobenzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Dichlorodifluoromethane	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
1,1-Dichloroethane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,2-Dichloroethane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,1-Dichloroethene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,2-Dichloropropane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,3-Dichloropropane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
2,2-Dichloropropane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,1-Dichloropropene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Ethylbenzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Hexachlorobutadiene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
2-Hexanone	EPA 8260B	3K03007	410	ND	82.6	11/3/2003	11/5/2003	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-02 (OC-SB-GP1-060-102703 - Soil) - cont.								
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
p-Isopropyltoluene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Methylene chloride	EPA 8260B	3K03007	830	ND	82.6	11/3/2003	11/5/2003	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	3K03007	410	ND	82.6	11/3/2003	11/5/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
Naphthalene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
n-Propylbenzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Styrene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Tetrachloroethene	EPA 8260B	3K03007	83	**4600**	82.6	11/3/2003	11/5/2003	
Toluene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
1,1,1-Trichloroethane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,1,2-Trichloroethane	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Trichloroethene	EPA 8260B	3K03007	83	**130**	82.6	11/3/2003	11/5/2003	
Trichlorofluoromethane	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
1,2,3-Trichloropropane	EPA 8260B	3K03007	410	ND	82.6	11/3/2003	11/5/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Vinyl chloride	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
o-Xylene	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
m,p-Xylenes	EPA 8260B	3K03007	83	ND	82.6	11/3/2003	11/5/2003	
Xylenes, Total	EPA 8260B	3K03007	170	ND	82.6	11/3/2003	11/5/2003	
Di-isopropyl Ether (DIPE)	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	3K03007	210	ND	82.6	11/3/2003	11/5/2003	
tert-Butanol (TBA)	EPA 8260B	3K03007	2100	ND	82.6	11/3/2003	11/5/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K03007	410	ND	82.6	11/3/2003	11/5/2003	
Surrogate: Dibromofluoromethane (50-160%)				*81 %*				
Surrogate: Toluene-d8 (60-160%)				*83 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*86 %*				

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-03 (OC-SB-GP1-085-102703 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	3K03026	8.0	ND	0.799	11/3/2003	11/3/2003	
Benzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Bromobenzene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
Bromochloromethane	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
Bromodichloromethane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Bromoform	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
Bromomethane	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
2-Butanone (MEK)	EPA 8260B	3K03026	8.0	ND	0.799	11/3/2003	11/3/2003	
n-Butylbenzene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
sec-Butylbenzene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
tert-Butylbenzene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
Carbon tetrachloride	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
Chlorobenzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Chloroethane	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
Chloroform	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Chloromethane	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
2-Chlorotoluene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
4-Chlorotoluene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
Dibromochloromethane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Dibromomethane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,2-Dichlorobenzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,3-Dichlorobenzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,4-Dichlorobenzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Dichlorodifluoromethane	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
1,1-Dichloroethane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,2-Dichloroethane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,1-Dichloroethene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,2-Dichloropropane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,3-Dichloropropane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
2,2-Dichloropropane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,1-Dichloropropene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Ethylbenzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Hexachlorobutadiene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
2-Hexanone	EPA 8260B	3K03026	8.0	ND	0.799	11/3/2003	11/3/2003	

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-03 (OC-SB-GP1-085-102703 - Soil) - cont.								
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
p-Isopropyltoluene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Methylene chloride	EPA 8260B	3K03026	16	ND	0.799	11/3/2003	11/3/2003	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
Naphthalene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
n-Propylbenzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Styrene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Tetrachloroethene	EPA 8260B	3K03026	1.6	**100**	0.799	11/3/2003	11/3/2003	
Toluene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
1,1,1-Trichloroethane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,1,2-Trichloroethane	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Trichloroethene	EPA 8260B	3K03026	1.6	**4.5**	0.799	11/3/2003	11/3/2003	
Trichlorofluoromethane	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
1,2,3-Trichloropropane	EPA 8260B	3K03026	8.0	ND	0.799	11/3/2003	11/3/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Vinyl chloride	EPA 8260B	3K03026	4.0	ND	0.799	11/3/2003	11/3/2003	
o-Xylene	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
m,p-Xylenes	EPA 8260B	3K03026	1.6	ND	0.799	11/3/2003	11/3/2003	
Xylenes, Total	EPA 8260B	3K03026	3.2	ND	0.799	11/3/2003	11/3/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K03026	8.0	ND	0.799	11/3/2003	11/3/2003	
Surrogate: Dibromofluoromethane (80-125%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-04 (OC-SB-GP2-700-102703 - Water)								
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	3J30086	0.50	ND	0.943	10/30/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*58 %*				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1507-01 (OC-SB-GP1-075-102703 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K04046	25	ND	1	11/4/2003	11/5/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*41 %*				
Sample ID: IMJ1507-02 (OC-SB-GP1-060-102703 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K04046	25	ND	1	11/4/2003	11/5/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*62 %*				
Sample ID: IMJ1507-03 (OC-SB-GP1-085-102703 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K04046	25	ND	1	11/4/2003	11/5/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*56 %*				

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03028 Extracted: 11/03/03										
Blank Analyzed: 11/03/03 (3K03028-BLK1)										
Acetone	ND	10	ug/l							
Benzene	ND	0.50	ug/l							
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	ug/l							
Bromodichloromethane	ND	1.0	ug/l							
Bromoform	ND	1.0	ug/l							
Bromomethane	ND	1.0	ug/l							
n-Butylbenzene	ND	1.0	ug/l							
sec-Butylbenzene	ND	1.0	ug/l							
tert-Butylbenzene	ND	1.0	ug/l							
Carbon tetrachloride	ND	0.50	ug/l							
Chlorobenzene	ND	1.0	ug/l							
Chloroethane	ND	1.0	ug/l							
Chloroform	ND	1.0	ug/l							
Chloromethane	ND	1.0	ug/l							
2-Chlorotoluene	ND	1.0	ug/l							
4-Chlorotoluene	ND	1.0	ug/l							
Dibromochloromethane	ND	1.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	ug/l							
Dibromomethane	ND	1.0	ug/l							
1,2-Dichlorobenzene	ND	1.0	ug/l							
1,3-Dichlorobenzene	ND	1.0	ug/l							
1,4-Dichlorobenzene	ND	1.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	1.0	ug/l							
1,2-Dichloroethane	ND	0.50	ug/l							
1,1-Dichloroethene	ND	1.0	ug/l							
cis-1,2-Dichloroethene	ND	1.0	ug/l							
trans-1,2-Dichloroethene	ND	1.0	ug/l							
1,2-Dichloropropane	ND	1.0	ug/l							
1,3-Dichloropropane	ND	1.0	ug/l							
2,2-Dichloropropane	ND	1.0	ug/l							
1,1-Dichloropropene	ND	1.0	ug/l							
cis-1,3-Dichloropropene	ND	0.50	ug/l							

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03028 Extracted: 11/03/03										
Blank Analyzed: 11/03/03 (3K03028-BLK1)										
trans-1,3-Dichloropropene	ND	0.50	ug/l							
Ethylbenzene	ND	1.0	ug/l							
Hexachlorobutadiene	ND	1.0	ug/l							
Isopropylbenzene	ND	1.0	ug/l							
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
Naphthalene	ND	1.0	ug/l							
n-Propylbenzene	ND	1.0	ug/l							
Styrene	ND	1.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l							
Tetrachloroethene	ND	1.0	ug/l							
Toluene	ND	1.0	ug/l							
1,2,3-Trichlorobenzene	ND	1.0	ug/l							
1,2,4-Trichlorobenzene	ND	1.0	ug/l							
1,1,1-Trichloroethane	ND	1.0	ug/l							
1,1,2-Trichloroethane	ND	1.0	ug/l							
Trichloroethene	ND	1.0	ug/l							
Trichlorofluoromethane	ND	1.0	ug/l							
Trichlorotrifluoroethane (Freon 113)	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	1.0	ug/l							
1,2,4-Trimethylbenzene	ND	1.0	ug/l							
1,3,5-Trimethylbenzene	ND	1.0	ug/l							
Vinyl chloride	ND	0.50	ug/l							
o-Xylene	ND	1.0	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Surrogate: Dibromofluoromethane	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03028 Extracted: 11/03/03										
LCS Analyzed: 11/03/03 (3K03028-BS1)										
Acetone	19.6	10	ug/l	25.0		78	25-120			
Benzene	22.2	0.50	ug/l	25.0		89	70-120			
Bromobenzene	23.7	1.0	ug/l	25.0		95	80-120			
Bromochloromethane	24.1	1.0	ug/l	25.0		96	65-135			
Bromodichloromethane	25.0	1.0	ug/l	25.0		100	70-140			
Bromoform	22.5	1.0	ug/l	25.0		90	50-135			
Bromomethane	23.3	1.0	ug/l	25.0		93	60-140			
n-Butylbenzene	24.8	1.0	ug/l	25.0		99	75-130			
sec-Butylbenzene	24.2	1.0	ug/l	25.0		97	75-125			
tert-Butylbenzene	25.1	1.0	ug/l	25.0		100	75-125			
Carbon tetrachloride	26.8	0.50	ug/l	25.0		107	70-140			
Chlorobenzene	24.3	1.0	ug/l	25.0		97	80-125			
Chloroethane	22.6	1.0	ug/l	25.0		90	60-145			
Chloroform	24.4	1.0	ug/l	25.0		98	70-130			
Chloromethane	18.6	1.0	ug/l	25.0		74	40-145			
2-Chlorotoluene	23.9	1.0	ug/l	25.0		96	75-125			
4-Chlorotoluene	24.5	1.0	ug/l	25.0		98	75-125			
Dibromochloromethane	23.3	1.0	ug/l	25.0		93	65-145			
1,2-Dibromo-3-chloropropane	28.7	5.0	ug/l	25.0		115	50-130			
1,2-Dibromoethane (EDB)	24.3	1.0	ug/l	25.0		97	70-125			
Dibromomethane	24.0	1.0	ug/l	25.0		96	70-130			
1,2-Dichlorobenzene	24.6	1.0	ug/l	25.0		98	75-120			
1,3-Dichlorobenzene	23.9	1.0	ug/l	25.0		96	75-120			
1,4-Dichlorobenzene	24.5	1.0	ug/l	25.0		98	80-120			
Dichlorodifluoromethane	16.1	5.0	ug/l	25.0		64	10-160			
1,1-Dichloroethane	23.3	1.0	ug/l	25.0		93	70-135			
1,2-Dichloroethane	25.1	0.50	ug/l	25.0		100	60-150			
1,1-Dichloroethene	24.6	1.0	ug/l	25.0		98	75-140			
cis-1,2-Dichloroethene	23.2	1.0	ug/l	25.0		93	65-125			
trans-1,2-Dichloroethene	24.0	1.0	ug/l	25.0		96	65-130			
1,2-Dichloropropane	22.8	1.0	ug/l	25.0		91	65-120			
1,3-Dichloropropane	23.5	1.0	ug/l	25.0		94	70-130			
2,2-Dichloropropane	24.6	1.0	ug/l	25.0		98	70-150			
1,1-Dichloropropene	24.2	1.0	ug/l	25.0		97	75-130			
cis-1,3-Dichloropropene	24.7	0.50	ug/l	25.0		99	70-130			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03028 Extracted: 11/03/03										
LCS Analyzed: 11/03/03 (3K03028-BS1)										
trans-1,3-Dichloropropene	24.9	0.50	ug/l	25.0		100	75-135			
Ethylbenzene	24.6	1.0	ug/l	25.0		98	80-120			
Hexachlorobutadiene	24.5	1.0	ug/l	25.0		98	65-140			
Isopropylbenzene	24.7	1.0	ug/l	25.0		99	70-125			
p-Isopropyltoluene	24.3	1.0	ug/l	25.0		97	75-125			
Methylene chloride	24.1	5.0	ug/l	25.0		96	60-135			
Methyl-tert-butyl Ether (MTBE)	22.5	1.0	ug/l	25.0		90	55-145			
Naphthalene	24.2	1.0	ug/l	25.0		97	50-145			
n-Propylbenzene	24.6	1.0	ug/l	25.0		98	75-130			
Styrene	26.5	1.0	ug/l	25.0		106	80-135			
1,1,1,2-Tetrachloroethane	26.3	1.0	ug/l	25.0		105	70-145			
1,1,2,2-Tetrachloroethane	23.9	1.0	ug/l	25.0		96	60-135			
Tetrachloroethene	24.2	1.0	ug/l	25.0		97	75-125			
Toluene	23.4	1.0	ug/l	25.0		94	70-120			
1,2,3-Trichlorobenzene	24.4	1.0	ug/l	25.0		98	65-135			
1,2,4-Trichlorobenzene	25.3	1.0	ug/l	25.0		101	70-140			
1,1,1-Trichloroethane	25.3	1.0	ug/l	25.0		101	75-140			
1,1,2-Trichloroethane	23.5	1.0	ug/l	25.0		94	65-125			
Trichloroethene	24.1	1.0	ug/l	25.0		96	75-120			
Trichlorofluoromethane	25.0	1.0	ug/l	25.0		100	60-145			
1,2,3-Trichloropropane	22.8	1.0	ug/l	25.0		91	60-130			
1,2,4-Trimethylbenzene	25.2	1.0	ug/l	25.0		101	75-125			
1,3,5-Trimethylbenzene	24.9	1.0	ug/l	25.0		100	75-125			
Vinyl chloride	22.1	0.50	ug/l	25.0		88	50-125			
o-Xylene	23.9	1.0	ug/l	25.0		96	75-125			
m,p-Xylenes	49.5	1.0	ug/l	50.0		99	70-120			
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03028 Extracted: 11/03/03										
Matrix Spike Analyzed: 11/03/03 (3K03028-MS1)					**Source: IMJ1694-01**					
Benzene	20.0	0.50	ug/l	25.0	ND	80	70-120			
Bromodichloromethane	22.9	1.0	ug/l	25.0	ND	92	70-140			
Bromoform	22.5	1.0	ug/l	25.0	ND	90	50-135			
Chlorobenzene	21.6	1.0	ug/l	25.0	ND	86	80-125			
Chloroform	21.8	1.0	ug/l	25.0	ND	87	70-130			
Dibromochloromethane	22.0	1.0	ug/l	25.0	ND	88	65-145			
1,4-Dichlorobenzene	21.7	1.0	ug/l	25.0	ND	87	75-120			
1,1-Dichloroethane	21.1	1.0	ug/l	25.0	ND	84	65-135			
1,2-Dichloroethane	23.6	0.50	ug/l	25.0	ND	94	60-150			
1,1-Dichloroethene	21.9	1.0	ug/l	25.0	ND	88	65-145			
Ethylbenzene	21.8	1.0	ug/l	25.0	ND	87	70-125			
Methyl-tert-butyl Ether (MTBE)	22.5	1.0	ug/l	25.0	ND	90	50-150			
Naphthalene	24.4	1.0	ug/l	25.0	ND	98	50-145			
Tetrachloroethene	21.6	1.0	ug/l	25.0	ND	86	70-130			
Toluene	21.0	1.0	ug/l	25.0	ND	84	65-120			
Trichloroethene	21.2	1.0	ug/l	25.0	ND	85	70-125			
Vinyl chloride	25.9	0.50	ug/l	25.0	7.0	76	40-130			
o-Xylene	21.3	1.0	ug/l	25.0	ND	85	65-125			
m,p-Xylenes	43.9	1.0	ug/l	50.0	ND	88	60-125			
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Matrix Spike Dup Analyzed: 11/03/03 (3K03028-MSD1)					**Source: IMJ1694-01**					
Benzene	24.7	0.50	ug/l	25.0	ND	99	70-120	21	20	*R*
Bromodichloromethane	28.2	1.0	ug/l	25.0	ND	113	70-140	21	20	*R*
Bromoform	26.1	1.0	ug/l	25.0	ND	104	50-135	15	25	
Chlorobenzene	26.5	1.0	ug/l	25.0	ND	106	80-125	20	20	
Chloroform	27.2	1.0	ug/l	25.0	ND	109	70-130	22	20	*R*
Dibromochloromethane	26.3	1.0	ug/l	25.0	ND	105	65-145	18	20	
1,4-Dichlorobenzene	26.4	1.0	ug/l	25.0	ND	106	75-120	20	20	
1,1-Dichloroethane	26.1	1.0	ug/l	25.0	ND	104	65-135	21	20	*R*
1,2-Dichloroethane	28.8	0.50	ug/l	25.0	ND	115	60-150	20	25	
1,1-Dichloroethene	26.9	1.0	ug/l	25.0	ND	108	65-145	20	25	
Ethylbenzene	26.7	1.0	ug/l	25.0	ND	107	70-125	20	20	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03028 Extracted: 11/03/03										
Matrix Spike Dup Analyzed: 11/03/03 (3K03028-MSD1)					**Source: IMJ1694-01**					
Methyl-tert-butyl Ether (MTBE)	26.5	1.0	ug/l	25.0	ND	106	50-150	16	25	
Naphthalene	28.8	1.0	ug/l	25.0	ND	115	50-145	17	25	
Tetrachloroethene	28.6	1.0	ug/l	25.0	ND	114	70-130	28	20	*R*
Toluene	25.9	1.0	ug/l	25.0	ND	104	65-120	21	20	*R*
Trichloroethene	26.4	1.0	ug/l	25.0	ND	106	70-125	22	20	*R*
Vinyl chloride	32.1	0.50	ug/l	25.0	7.0	100	40-130	21	25	
o-Xylene	26.2	1.0	ug/l	25.0	ND	105	65-125	21	20	*R*
m,p-Xylenes	53.8	1.0	ug/l	50.0	ND	108	60-125	20	25	
Surrogate: Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03007 Extracted: 11/03/03										
Blank Analyzed: 11/06/03 (3K03007-BLK1)										
Acetone	ND	1500	ug/kg							
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
2-Butanone (MEK)	ND	1000	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03007 Extracted: 11/03/03										
Blank Analyzed: 11/06/03 (3K03007-BLK1)										
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
2-Hexanone	ND	500	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	500	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	250	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Xylenes, Total	ND	200	ug/kg							
Di-isopropyl Ether (DIPE)	ND	250	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	250	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	250	ug/kg							
tert-Butanol (TBA)	ND	2500	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	500	ug/kg							

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03007 Extracted: 11/03/03										
Blank Analyzed: 11/06/03 (3K03007-BLK1)										
Surrogate: Dibromofluoromethane	*2460*		*ug/kg*	*2500*		*98*	*50-160*			
Surrogate: Toluene-d8	*2490*		*ug/kg*	*2500*		*100*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2560*		*ug/kg*	*2500*		*102*	*60-150*			
LCS Analyzed: 11/04/03 (3K03007-BS1)										
Acetone	1780	1500	ug/kg	2500		71	35-120			
Benzene	2810	100	ug/kg	2500		112	75-125			
Bromobenzene	2870	250	ug/kg	2500		115	80-120			
Bromochloromethane	2950	250	ug/kg	2500		118	65-140			
Bromodichloromethane	3030	100	ug/kg	2500		121	70-140			
Bromoform	2480	250	ug/kg	2500		99	60-130			
Bromomethane	2440	250	ug/kg	2500		98	35-140			
n-Butylbenzene	3050	250	ug/kg	2500		122	80-130			
sec-Butylbenzene	2990	250	ug/kg	2500		120	75-125			
tert-Butylbenzene	2960	250	ug/kg	2500		118	80-125			
Carbon tetrachloride	3050	250	ug/kg	2500		122	70-140			
Chlorobenzene	2850	100	ug/kg	2500		114	80-125			
Chloroethane	2600	250	ug/kg	2500		104	40-145			
Chloroform	2930	100	ug/kg	2500		117	75-130			
Chloromethane	1940	250	ug/kg	2500		78	30-145			
2-Chlorotoluene	2780	250	ug/kg	2500		111	75-125			
4-Chlorotoluene	2870	250	ug/kg	2500		115	80-125			
Dibromochloromethane	2630	100	ug/kg	2500		105	65-145			
1,2-Dibromo-3-chloropropane	2590	250	ug/kg	2500		104	45-135			
1,2-Dibromoethane (EDB)	2730	100	ug/kg	2500		109	75-130			
Dibromomethane	2890	100	ug/kg	2500		116	75-135			
1,2-Dichlorobenzene	2990	100	ug/kg	2500		120	80-120			
1,3-Dichlorobenzene	2830	100	ug/kg	2500		113	80-120			
1,4-Dichlorobenzene	2850	100	ug/kg	2500		114	80-120			
Dichlorodifluoromethane	1650	250	ug/kg	2500		66	10-160			
1,1-Dichloroethane	2940	100	ug/kg	2500		118	70-135			
1,2-Dichloroethane	2990	100	ug/kg	2500		120	60-150			
1,1-Dichloroethene	3000	250	ug/kg	2500		120	80-145			
cis-1,2-Dichloroethene	2960	100	ug/kg	2500		118	70-135			
trans-1,2-Dichloroethene	2920	100	ug/kg	2500		117	70-135			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03007 Extracted: 11/03/03										
LCS Analyzed: 11/04/03 (3K03007-BS1)										
1,2-Dichloropropane	2940	100	ug/kg	2500		118	75-125			
1,3-Dichloropropane	2820	100	ug/kg	2500		113	75-130			
2,2-Dichloropropane	2470	100	ug/kg	2500		99	70-150			
1,1-Dichloropropene	2940	100	ug/kg	2500		118	75-130			
cis-1,3-Dichloropropene	2830	100	ug/kg	2500		113	75-130			
trans-1,3-Dichloropropene	2570	100	ug/kg	2500		103	75-135			
Ethylbenzene	2980	100	ug/kg	2500		119	80-120			
Hexachlorobutadiene	3350	250	ug/kg	2500		134	75-140			
2-Hexanone	2540	500	ug/kg	2500		102	40-135			
Isopropylbenzene	2930	100	ug/kg	2500		117	75-125			
p-Isopropyltoluene	2950	100	ug/kg	2500		118	80-125			
Methylene chloride	3030	1000	ug/kg	2500		121	60-145			
4-Methyl-2-pentanone (MIBK)	2520	500	ug/kg	2500		101	50-140			
Methyl-tert-butyl Ether (MTBE)	3140	250	ug/kg	2500		126	55-150			
Naphthalene	2670	250	ug/kg	2500		107	50-145			
n-Propylbenzene	2960	100	ug/kg	2500		118	75-130			
Styrene	3020	100	ug/kg	2500		121	80-135			
1,1,1,2-Tetrachloroethane	3010	250	ug/kg	2500		120	70-145			
1,1,2,2-Tetrachloroethane	2370	100	ug/kg	2500		95	60-135			
Tetrachloroethene	2910	100	ug/kg	2500		116	80-125			
Toluene	2880	100	ug/kg	2500		115	80-125			
1,2,3-Trichlorobenzene	2720	250	ug/kg	2500		109	65-135			
1,2,4-Trichlorobenzene	2800	250	ug/kg	2500		112	70-140			
1,1,1-Trichloroethane	2950	100	ug/kg	2500		118	75-140			
1,1,2-Trichloroethane	2850	100	ug/kg	2500		114	70-130			
Trichloroethene	3130	100	ug/kg	2500		125	80-130			
Trichlorofluoromethane	2660	250	ug/kg	2500		106	55-145			
1,2,3-Trichloropropane	2680	500	ug/kg	2500		107	60-130			
1,2,4-Trimethylbenzene	2950	100	ug/kg	2500		118	80-125			
1,3,5-Trimethylbenzene	3000	100	ug/kg	2500		120	80-125			
Vinyl chloride	440	250	ug/kg	2500		18	10-120			
o-Xylene	2890	100	ug/kg	2500		116	80-125			
m,p-Xylenes	5840	100	ug/kg	5000		117	80-120			
Xylenes, Total	8730	200	ug/kg	7500		116	80-125			
Di-isopropyl Ether (DIPE)	3220	250	ug/kg	2500		129	65-145			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03007 Extracted: 11/03/03										
LCS Analyzed: 11/04/03 (3K03007-BS1)										
Ethyl tert-Butyl Ether (ETBE)	3220	250	ug/kg	2500		129	60-150			
tert-Amyl Methyl Ether (TAME)	3260	250	ug/kg	2500		130	60-150			
tert-Butanol (TBA)	15400	2500	ug/kg	12500		123	75-140			
Surrogate: Dibromofluoromethane	*2670*		*ug/kg*	*2500*		*107*	*50-160*			
Surrogate: Toluene-d8	*2700*		*ug/kg*	*2500*		*108*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2700*		*ug/kg*	*2500*		*108*	*60-150*			
LCS Dup Analyzed: 11/04/03 (3K03007-BSD1)										
Acetone	1880	1500	ug/kg	2500		75	35-120	5	30	
Benzene	2870	100	ug/kg	2500		115	75-125	2	20	
Bromobenzene	3080	250	ug/kg	2500		123	80-120	7	20	*L*
Bromochloromethane	3000	250	ug/kg	2500		120	65-140	2	20	
Bromodichloromethane	2880	100	ug/kg	2500		115	70-140	5	20	
Bromoform	2590	250	ug/kg	2500		104	60-130	4	25	
Bromomethane	2150	250	ug/kg	2500		86	35-140	13	30	
n-Butylbenzene	3110	250	ug/kg	2500		124	80-130	2	20	
sec-Butylbenzene	2940	250	ug/kg	2500		118	75-125	2	20	
tert-Butylbenzene	2990	250	ug/kg	2500		120	80-125	1	20	
Carbon tetrachloride	2810	250	ug/kg	2500		112	70-140	8	20	
Chlorobenzene	2910	100	ug/kg	2500		116	80-125	2	20	
Chloroethane	2400	250	ug/kg	2500		96	40-145	8	25	
Chloroform	2820	100	ug/kg	2500		113	75-130	4	20	
Chloromethane	1950	250	ug/kg	2500		78	30-145	1	25	
2-Chlorotoluene	3060	250	ug/kg	2500		122	75-125	10	20	
4-Chlorotoluene	3090	250	ug/kg	2500		124	80-125	7	20	
Dibromochloromethane	2800	100	ug/kg	2500		112	65-145	6	20	
1,2-Dibromo-3-chloropropane	2450	250	ug/kg	2500		98	45-135	6	25	
1,2-Dibromoethane (EDB)	2790	100	ug/kg	2500		112	75-130	2	20	
Dibromomethane	2860	100	ug/kg	2500		114	75-135	1	20	
1,2-Dichlorobenzene	3020	100	ug/kg	2500		121	80-120	1	20	*L*
1,3-Dichlorobenzene	2930	100	ug/kg	2500		117	80-120	3	20	
1,4-Dichlorobenzene	3010	100	ug/kg	2500		120	80-120	5	20	
Dichlorodifluoromethane	1540	250	ug/kg	2500		62	10-160	7	30	
1,1-Dichloroethane	2940	100	ug/kg	2500		118	70-135	0	20	
1,2-Dichloroethane	2770	100	ug/kg	2500		111	60-150	8	25	

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03007 Extracted: 11/03/03										
LCS Dup Analyzed: 11/04/03 (3K03007-BSD1)										
1,1-Dichloroethene	3060	250	ug/kg	2500		122	80-145	2	20	
cis-1,2-Dichloroethene	3040	100	ug/kg	2500		122	70-135	3	20	
trans-1,2-Dichloroethene	2990	100	ug/kg	2500		120	70-135	2	20	
1,2-Dichloropropane	3020	100	ug/kg	2500		121	75-125	3	20	
1,3-Dichloropropane	2890	100	ug/kg	2500		116	75-130	2	20	
2,2-Dichloropropane	2880	100	ug/kg	2500		115	70-150	15	20	
1,1-Dichloropropene	2940	100	ug/kg	2500		118	75-130	0	20	
cis-1,3-Dichloropropene	2980	100	ug/kg	2500		119	75-130	5	20	
trans-1,3-Dichloropropene	2940	100	ug/kg	2500		118	75-135	13	20	
Ethylbenzene	2860	100	ug/kg	2500		114	80-120	4	20	
Hexachlorobutadiene	3090	250	ug/kg	2500		124	75-140	8	20	
2-Hexanone	2240	500	ug/kg	2500		90	40-135	13	25	
Isopropylbenzene	3080	100	ug/kg	2500		123	75-125	5	20	
p-Isopropyltoluene	2890	100	ug/kg	2500		116	80-125	2	20	
Methylene chloride	2960	1000	ug/kg	2500		118	60-145	2	20	
4-Methyl-2-pentanone (MIBK)	2320	500	ug/kg	2500		93	50-140	8	25	
Methyl-tert-butyl Ether (MTBE)	2860	250	ug/kg	2500		114	55-150	9	25	
Naphthalene	2680	250	ug/kg	2500		107	50-145	0	25	
n-Propylbenzene	3220	100	ug/kg	2500		129	75-130	8	20	
Styrene	3010	100	ug/kg	2500		120	80-135	0	20	
1,1,1,2-Tetrachloroethane	2840	250	ug/kg	2500		114	70-145	6	20	
1,1,2,2-Tetrachloroethane	2840	100	ug/kg	2500		114	60-135	18	25	
Tetrachloroethene	3010	100	ug/kg	2500		120	80-125	3	20	
Toluene	2830	100	ug/kg	2500		113	80-125	2	20	
1,2,3-Trichlorobenzene	2860	250	ug/kg	2500		114	65-135	5	20	
1,2,4-Trichlorobenzene	2910	250	ug/kg	2500		116	70-140	4	20	
1,1,1-Trichloroethane	2790	100	ug/kg	2500		112	75-140	6	20	
1,1,2-Trichloroethane	2890	100	ug/kg	2500		116	70-130	1	20	
Trichloroethene	3000	100	ug/kg	2500		120	80-130	4	20	
Trichlorofluoromethane	2550	250	ug/kg	2500		102	55-145	4	25	
1,2,3-Trichloropropane	2680	500	ug/kg	2500		107	60-130	0	20	
1,2,4-Trimethylbenzene	2990	100	ug/kg	2500		120	80-125	1	20	
1,3,5-Trimethylbenzene	3090	100	ug/kg	2500		124	80-125	3	20	
Vinyl chloride	1080	250	ug/kg	2500		43	10-120	84	30	*R-7*
o-Xylene	2880	100	ug/kg	2500		115	80-125	0	20	

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03007 Extracted: 11/03/03										
LCS Dup Analyzed: 11/04/03 (3K03007-BSD1)										
m,p-Xylenes	5540	100	ug/kg	5000		111	80-120	5	20	
Xylenes, Total	8410	200	ug/kg	7500		112	80-125	4	20	
Di-isopropyl Ether (DIPE)	3000	250	ug/kg	2500		120	65-145	7	20	
Ethyl tert-Butyl Ether (ETBE)	2950	250	ug/kg	2500		118	60-150	9	25	
tert-Amyl Methyl Ether (TAME)	2920	250	ug/kg	2500		117	60-150	11	25	
tert-Butanol (TBA)	15300	2500	ug/kg	12500		122	75-140	1	20	
Surrogate: Dibromofluoromethane	*2900*		*ug/kg*	*2500*		*116*	*50-160*			
Surrogate: Toluene-d8	*3250*		*ug/kg*	*2500*		*130*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2900*		*ug/kg*	*2500*		*116*	*60-150*			
Matrix Spike Analyzed: 11/03/03 (3K03007-MS1)					**Source: IMJ1679-07**					
Benzene	2500	100	ug/kg	2500	35	99	60-140			
Bromodichloromethane	2570	100	ug/kg	2500	ND	103	65-150			
Bromoform	2230	250	ug/kg	2500	ND	89	55-150			
Chlorobenzene	2490	100	ug/kg	2500	ND	100	70-140			
Chloroform	2510	100	ug/kg	2500	ND	100	60-140			
Dibromochloromethane	2490	100	ug/kg	2500	ND	100	60-150			
1,4-Dichlorobenzene	2600	100	ug/kg	2500	ND	104	55-150			
1,1-Dichloroethane	2620	100	ug/kg	2500	ND	105	60-155			
1,2-Dichloroethane	2430	100	ug/kg	2500	ND	97	55-150			
1,1-Dichloroethene	2650	250	ug/kg	2500	ND	106	60-165			
Ethylbenzene	3420	100	ug/kg	2500	1800	65	60-140			
Methyl-tert-butyl Ether (MTBE)	2690	250	ug/kg	2500	89	104	45-160			
Naphthalene	2920	250	ug/kg	2500	1100	73	30-165			
Tetrachloroethene	2610	100	ug/kg	2500	ND	104	65-145			
Toluene	2340	100	ug/kg	2500	36	92	60-145			
Trichloroethene	2610	100	ug/kg	2500	ND	104	70-150			
Vinyl chloride	1010	250	ug/kg	2500	ND	40	10-120			
o-Xylene	2540	100	ug/kg	2500	96	98	60-145			
m,p-Xylenes	7740	100	ug/kg	5000	5500	45	60-140			*M2*
Xylenes, Total	10300	200	ug/kg	7500	5600	63	60-145			
Di-isopropyl Ether (DIPE)	2780	250	ug/kg	2500	ND	111	50-160			
Ethyl tert-Butyl Ether (ETBE)	2780	250	ug/kg	2500	ND	111	60-160			
tert-Amyl Methyl Ether (TAME)	2670	250	ug/kg	2500	ND	107	55-160			
tert-Butanol (TBA)	13800	2500	ug/kg	12500	ND	110	60-160			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03007 Extracted: 11/03/03										
Matrix Spike Analyzed: 11/03/03 (3K03007-MS1)					**Source: IMJ1679-07**					
Surrogate: Dibromofluoromethane	*2360*		*ug/kg*	*2500*		*94*	*50-160*			
Surrogate: Toluene-d8	*2410*		*ug/kg*	*2500*		*96*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2350*		*ug/kg*	*2500*		*94*	*60-150*			
Matrix Spike Dup Analyzed: 11/03/03 (3K03007-MSD1)					**Source: IMJ1679-07**					
Benzene	2460	100	ug/kg	2500	35	97	60-140	2	25	
Bromodichloromethane	2410	100	ug/kg	2500	ND	96	65-150	6	25	
Bromoform	1840	250	ug/kg	2500	ND	74	55-150	19	30	
Chlorobenzene	2680	100	ug/kg	2500	ND	107	70-140	7	25	
Chloroform	2600	100	ug/kg	2500	ND	104	60-140	4	25	
Dibromochloromethane	2250	100	ug/kg	2500	ND	90	60-150	10	25	
1,4-Dichlorobenzene	2640	100	ug/kg	2500	ND	106	55-150	2	25	
1,1-Dichloroethane	2740	100	ug/kg	2500	ND	110	60-155	4	25	
1,2-Dichloroethane	2130	100	ug/kg	2500	ND	85	55-150	13	30	
1,1-Dichloroethene	2820	250	ug/kg	2500	ND	113	60-165	6	25	
Ethylbenzene	3300	100	ug/kg	2500	1800	60	60-140	4	25	
Methyl-tert-butyl Ether (MTBE)	2200	250	ug/kg	2500	89	84	45-160	20	30	
Naphthalene	2060	250	ug/kg	2500	1100	38	30-165	35	30	*R*
Tetrachloroethene	2760	100	ug/kg	2500	ND	110	65-145	6	25	
Toluene	2450	100	ug/kg	2500	36	97	60-145	5	25	
Trichloroethene	2680	100	ug/kg	2500	ND	107	70-150	3	25	
Vinyl chloride	1400	250	ug/kg	2500	ND	56	10-120	32	35	
o-Xylene	2680	100	ug/kg	2500	96	103	60-145	5	25	
m,p-Xylenes	7010	100	ug/kg	5000	5500	30	60-140	10	25	*M2*
Xylenes, Total	9690	200	ug/kg	7500	5600	55	60-145	6	30	*M2*
Di-isopropyl Ether (DIPE)	2680	250	ug/kg	2500	ND	107	50-160	4	25	
Ethyl tert-Butyl Ether (ETBE)	2390	250	ug/kg	2500	ND	96	60-160	15	25	
tert-Amyl Methyl Ether (TAME)	2230	250	ug/kg	2500	ND	89	55-160	18	25	
tert-Butanol (TBA)	14300	2500	ug/kg	12500	ND	114	60-160	4	25	
Surrogate: Dibromofluoromethane	*2440*		*ug/kg*	*2500*		*98*	*50-160*			
Surrogate: Toluene-d8	*2690*		*ug/kg*	*2500*		*108*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2490*		*ug/kg*	*2500*		*100*	*60-150*			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03026 Extracted: 11/03/03										
Blank Analyzed: 11/03/03 (3K03026-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03026 Extracted: 11/03/03										
Blank Analyzed: 11/03/03 (3K03026-BLK1)										
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	4.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	*50.4*		*ug/kg*	*50.0*		*101*	*80-125*			
Surrogate: Toluene-d8	*52.2*		*ug/kg*	*50.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*51.4*		*ug/kg*	*50.0*		*103*	*80-120*			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03026 Extracted: 11/03/03										
LCS Analyzed: 11/03/03 (3K03026-BS1)										
Acetone	40.4	10	ug/kg	50.0		81	40-155			
Benzene	47.3	2.0	ug/kg	50.0		95	70-120			
Bromobenzene	51.3	5.0	ug/kg	50.0		103	80-120			
Bromochloromethane	49.9	5.0	ug/kg	50.0		100	65-135			
Bromodichloromethane	52.5	2.0	ug/kg	50.0		105	70-140			
Bromoform	61.2	5.0	ug/kg	50.0		122	60-140			
Bromomethane	46.8	5.0	ug/kg	50.0		94	60-140			
n-Butylbenzene	50.2	5.0	ug/kg	50.0		100	75-130			
sec-Butylbenzene	49.5	5.0	ug/kg	50.0		99	75-125			
tert-Butylbenzene	52.5	5.0	ug/kg	50.0		105	80-125			
Carbon tetrachloride	54.3	5.0	ug/kg	50.0		109	70-140			
Chlorobenzene	49.7	2.0	ug/kg	50.0		99	80-125			
Chloroethane	47.2	5.0	ug/kg	50.0		94	55-145			
Chloroform	47.7	2.0	ug/kg	50.0		95	75-120			
Chloromethane	37.0	5.0	ug/kg	50.0		74	35-145			
2-Chlorotoluene	49.2	5.0	ug/kg	50.0		98	75-125			
4-Chlorotoluene	50.6	5.0	ug/kg	50.0		101	80-125			
Dibromochloromethane	55.1	2.0	ug/kg	50.0		110	65-145			
1,2-Dibromo-3-chloropropane	57.7	5.0	ug/kg	50.0		115	50-150			
1,2-Dibromoethane (EDB)	55.2	2.0	ug/kg	50.0		110	70-130			
Dibromomethane	52.6	2.0	ug/kg	50.0		105	70-130			
1,2-Dichlorobenzene	52.0	2.0	ug/kg	50.0		104	80-125			
1,3-Dichlorobenzene	49.9	2.0	ug/kg	50.0		100	80-120			
1,4-Dichlorobenzene	49.9	2.0	ug/kg	50.0		100	80-120			
Dichlorodifluoromethane	37.4	5.0	ug/kg	50.0		75	10-160			
1,1-Dichloroethane	44.8	2.0	ug/kg	50.0		90	70-135			
1,2-Dichloroethane	54.6	2.0	ug/kg	50.0		109	60-150			
1,1-Dichloroethene	47.3	5.0	ug/kg	50.0		95	75-130			
cis-1,2-Dichloroethene	46.3	2.0	ug/kg	50.0		93	70-125			
trans-1,2-Dichloroethene	46.9	2.0	ug/kg	50.0		94	70-130			
1,2-Dichloropropane	47.4	2.0	ug/kg	50.0		95	70-120			
1,3-Dichloropropane	49.5	2.0	ug/kg	50.0		99	70-130			
2,2-Dichloropropane	50.7	2.0	ug/kg	50.0		101	70-150			
1,1-Dichloropropene	50.4	2.0	ug/kg	50.0		101	75-130			
cis-1,3-Dichloropropene	52.5	2.0	ug/kg	50.0		105	75-130			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03026 Extracted: 11/03/03										
LCS Analyzed: 11/03/03 (3K03026-BS1)										
trans-1,3-Dichloropropene	55.1	2.0	ug/kg	50.0		110	70-135			
Ethylbenzene	52.0	2.0	ug/kg	50.0		104	75-125			
Hexachlorobutadiene	54.5	5.0	ug/kg	50.0		109	75-140			
2-Hexanone	51.0	10	ug/kg	50.0		102	40-155			
Isopropylbenzene	52.7	2.0	ug/kg	50.0		105	75-125			
p-Isopropyltoluene	49.1	2.0	ug/kg	50.0		98	75-125			
Methylene chloride	46.3	20	ug/kg	50.0		93	60-135			
4-Methyl-2-pentanone (MIBK)	53.2	5.0	ug/kg	50.0		106	50-145			
Methyl-tert-butyl Ether (MTBE)	47.7	5.0	ug/kg	50.0		95	55-145			
Naphthalene	57.1	5.0	ug/kg	50.0		114	50-145			
n-Propylbenzene	50.0	2.0	ug/kg	50.0		100	75-130			
Styrene	54.2	2.0	ug/kg	50.0		108	80-135			
1,1,1,2-Tetrachloroethane	54.8	5.0	ug/kg	50.0		110	70-145			
1,1,2,2-Tetrachloroethane	50.8	2.0	ug/kg	50.0		102	55-145			
Tetrachloroethene	52.8	2.0	ug/kg	50.0		106	80-125			
Toluene	48.9	2.0	ug/kg	50.0		98	75-120			
1,2,3-Trichlorobenzene	58.3	5.0	ug/kg	50.0		117	65-135			
1,2,4-Trichlorobenzene	59.1	5.0	ug/kg	50.0		118	70-140			
1,1,1-Trichloroethane	49.5	2.0	ug/kg	50.0		99	75-140			
1,1,2-Trichloroethane	51.0	2.0	ug/kg	50.0		102	65-130			
Trichloroethene	52.5	2.0	ug/kg	50.0		105	75-125			
Trichlorofluoromethane	48.1	5.0	ug/kg	50.0		96	50-145			
1,2,3-Trichloropropane	53.0	10	ug/kg	50.0		106	55-140			
1,2,4-Trimethylbenzene	50.9	2.0	ug/kg	50.0		102	75-125			
1,3,5-Trimethylbenzene	51.9	2.0	ug/kg	50.0		104	80-125			
Vinyl chloride	40.1	5.0	ug/kg	50.0		80	45-130			
o-Xylene	49.5	2.0	ug/kg	50.0		99	75-125			
m,p-Xylenes	102	2.0	ug/kg	100		102	75-125			
Xylenes, Total	152	4.0	ug/kg	150		101	75-125			
Surrogate: Dibromofluoromethane	*49.8*		*ug/kg*	*50.0*		*100*	*80-125*			
Surrogate: Toluene-d8	*52.4*		*ug/kg*	*50.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*51.6*		*ug/kg*	*50.0*		*103*	*80-120*			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03026 Extracted: 11/03/03										
Matrix Spike Analyzed: 11/03/03 (3K03026-MS1)					**Source: IMJ1682-17**					
Benzene	50.9	1.8	ug/kg	44.4	ND	115	65-130			
Bromodichloromethane	54.4	1.8	ug/kg	44.4	ND	123	70-145			
Bromoform	60.2	4.4	ug/kg	44.4	ND	136	60-145			
Chlorobenzene	52.9	1.8	ug/kg	44.4	ND	119	80-130			
Chloroform	55.3	1.8	ug/kg	44.4	0.53	123	70-130			
Dibromochloromethane	57.8	1.8	ug/kg	44.4	ND	130	65-145			
1,4-Dichlorobenzene	53.8	1.8	ug/kg	44.4	ND	121	75-130			
1,1-Dichloroethane	49.0	1.8	ug/kg	44.4	ND	110	70-135			
1,2-Dichloroethane	56.3	1.8	ug/kg	44.4	ND	127	60-150			
1,1-Dichloroethene	51.0	4.4	ug/kg	44.4	ND	115	75-140			
Ethylbenzene	55.2	1.8	ug/kg	44.4	0.90	122	70-130			
Methyl-tert-butyl Ether (MTBE)	47.0	4.4	ug/kg	44.4	ND	106	50-150			
Naphthalene	42.6	4.4	ug/kg	44.4	ND	96	40-160			
Tetrachloroethene	57.1	1.8	ug/kg	44.4	2.6	123	70-130			
Toluene	50.8	1.8	ug/kg	44.4	ND	114	70-125			
Trichloroethene	66.1	1.8	ug/kg	44.4	3.8	140	70-140			
Vinyl chloride	44.0	4.4	ug/kg	44.4	ND	99	45-130			
o-Xylene	56.6	1.8	ug/kg	44.4	6.1	114	70-125			
m,p-Xylenes	106	1.8	ug/kg	88.8	1.2	118	70-125			
Xylenes, Total	163	3.6	ug/kg	133	7.2	117	70-125			
Surrogate: Dibromofluoromethane	*45.0*		*ug/kg*	*44.4*		*101*	*80-125*			
Surrogate: Toluene-d8	*45.6*		*ug/kg*	*44.4*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*43.1*		*ug/kg*	*44.4*		*97*	*80-120*			
Matrix Spike Dup Analyzed: 11/03/03 (3K03026-MSD1)					**Source: IMJ1682-17**					
Benzene	41.1	1.7	ug/kg	43.7	ND	94	65-130	21	20	*R*
Bromodichloromethane	40.7	1.7	ug/kg	43.7	ND	93	70-145	29	20	*R*
Bromoform	37.6	4.4	ug/kg	43.7	ND	86	60-145	46	25	*R*
Chlorobenzene	43.3	1.7	ug/kg	43.7	ND	99	80-130	20	20	
Chloroform	45.1	1.7	ug/kg	43.7	0.53	102	70-130	20	20	
Dibromochloromethane	41.3	1.7	ug/kg	43.7	ND	95	65-145	33	25	*R*
1,4-Dichlorobenzene	43.0	1.7	ug/kg	43.7	ND	98	75-130	22	20	*R*
1,1-Dichloroethane	39.9	1.7	ug/kg	43.7	ND	91	70-135	20	20	
1,2-Dichloroethane	39.1	1.7	ug/kg	43.7	ND	89	60-150	36	25	*R*
1,1-Dichloroethene	43.0	4.4	ug/kg	43.7	ND	98	75-140	17	20	

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K03026 Extracted: 11/03/03										
Matrix Spike Dup Analyzed: 11/03/03 (3K03026-MSD1)					**Source: IMJ1682-17**					
Ethylbenzene	46.7	1.7	ug/kg	43.7	0.90	105	70-130	17	20	
Methyl-tert-butyl Ether (MTBE)	27.3	4.4	ug/kg	43.7	ND	62	50-150	53	25	*R*
Naphthalene	22.8	4.4	ug/kg	43.7	ND	52	40-160	61	25	*R*
Tetrachloroethene	49.2	1.7	ug/kg	43.7	2.6	107	70-130	15	20	
Toluene	40.8	1.7	ug/kg	43.7	ND	93	70-125	22	20	*R*
Trichloroethene	56.9	1.7	ug/kg	43.7	3.8	122	70-140	15	20	
Vinyl chloride	45.2	4.4	ug/kg	43.7	ND	103	45-130	3	30	
o-Xylene	47.3	1.7	ug/kg	43.7	6.1	94	70-125	18	20	
m,p-Xylenes	89.4	1.7	ug/kg	87.4	1.2	101	70-125	17	20	
Xylenes, Total	137	3.5	ug/kg	131	7.2	99	70-125	17	20	
Surrogate: Dibromofluoromethane	*43.0*		*ug/kg*	*43.7*		*98*	*80-125*			
Surrogate: Toluene-d8	*43.5*		*ug/kg*	*43.7*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*40.0*		*ug/kg*	*43.7*		*92*	*80-120*			

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Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1507

Sampled: 10/27/03
Received: 10/28/03

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3J30086 Extracted: 10/30/03										
Blank Analyzed: 11/04/03 (3J30086-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate: 1,4-Dioxane-d8	*1.03*		*ug/l*	*2.00*		*52*	*35-120*			
LCS Analyzed: 11/05/03 (3J30086-BS1)										
1,4-Dioxane	1.06	0.50	ug/l	2.00		53	35-120			
Surrogate: 1,4-Dioxane-d8	*1.00*		*ug/l*	*2.00*		*50*	*35-120*			
LCS Dup Analyzed: 11/04/03 (3J30086-BSD1)										**M-NR1**
1,4-Dioxane	1.33	0.50	ug/l	2.00		66	35-120	23	30	
Surrogate: 1,4-Dioxane-d8	*1.28*		*ug/l*	*2.00*		*64*	*35-120*			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K04046 Extracted: 11/04/03										
Blank Analyzed: 11/05/03 (3K04046-BLK1)										
1,4-Dioxane	ND	25	ug/kg							
Surrogate: 1,4-Dioxane-d8	*69.7*		*ug/kg*	*100*		*70*	*35-120*			
LCS Analyzed: 11/05/03 (3K04046-BS1)										
1,4-Dioxane	62.7	25	ug/kg	100		63	40-140			
Surrogate: 1,4-Dioxane-d8	*63.8*		*ug/kg*	*100*		*64*	*35-120*			
Matrix Spike Analyzed: 11/05/03 (3K04046-MS1)					**Source: IMK0039-04**					
1,4-Dioxane	71.5	25	ug/kg	100	ND	72	40-140			
Surrogate: 1,4-Dioxane-d8	*73.0*		*ug/kg*	*100*		*73*	*35-120*			
Matrix Spike Dup Analyzed: 11/05/03 (3K04046-MSD1)					**Source: IMK0039-04**					
1,4-Dioxane	64.3	25	ug/kg	100	ND	64	40-140	11	30	
Surrogate: 1,4-Dioxane-d8	*64.9*		*ug/kg*	*100*		*65*	*35-120*			

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18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
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DATA QUALIFIERS AND DEFINITIONS

L	Laboratory Control Sample recovery was above the method control limits. Analyte not detected, data not impacted.
M-NR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-7	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/27/03
Irvine, CA 92612	Report Number: IMJ1507	Received: 10/28/03
Attention: Sharon Wallin		

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 8260B	Soil	X	X
EPA 8260B	Soil-extr	X	X
EPA 8260B	Water	X	X
EPA 8270C MOD	Soil	N/A	N/A
EPA 8270C	Water	X	X

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

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10/27/03

CHAIN OF CUSTODY FORM

Client Name/Address:	P.O. #:
CDM 18581 Teller Ave ste 200 Irvine CA 92612	Project: Omega 10500-
Project Manager/Phone Number:	**Phone Number:**
~~949 7~~ S. Wallin	949 752 5452
Sampler:	**Fax Number:**
R. Douglas	949 752 1307

ANALYSIS REQUIRED 1MJ1507

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	8260B	1,4-dioxane 8270							Special Instructions
OC-SB-GP1-075-102703	S	encore acetate	3 1	12:18	—	X	X							
OC-SB-GP1-060-102703	↓	encore acetate	3 1	10:35	—	X	X							
OC-SB-GP1-085-102703	↓	encore acetate jar	3 1	13:05	—	X	X							
OC-SB-GP2-~~7~~00-102703	W	VOA	3	13:45	HCl	X								
↓	↓	1L Amber	1	↓	None		X							
OC-SB-GP2-050-102703	S	encore acetate	3 1	16:15	—	X	X			-	Hold	-		

Relinquished By	Date/Time:	Received By	Date/Time:
[signature]	10/28/03 1005	[signature]	10/28/03 1:05
[signature]	10/28/03 11:25	[signature]	10.28.03 1125
Relinquished By	Date/Time:	Received By	Date/Time:

Turnaround Time: (check)
Same Day _____ 72 Hours _____
24 Hours _____ 5 days _____
48 hours _____ normal X
Sample Integrity: (Check)
Intact X On Ice: X 2°

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LABORATORY REPORT

Prepared For: Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project: Omega Chemical Soil
10500-

Sampled: 10/28/03
Received: 10/29/03
Issued: 11/12/03

NELAP #01108CA CA ELAP #1197

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 3°C, on ice and with chain of custody documentation.

HOLDING TIMES: Holding times were met. Soil samples received in Encores were frozen to -12°C upon receipt to extend the hold time to 7 days. Waters and non-encore soil samples were held at 4°C before and after analysis.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Sample IDs were changed per email request on 11/5/03 prior to release of results.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IMJ1597-01	OC-SB-GP2-500-102803	Soil
IMJ1597-02	OC-SB-GP2-065-102803	Soil
IMJ1597-03	OC-SB-GP2-077-102803	Soil
IMJ1597-04	OC-SB-GP2-079-102803	Soil
IMJ1597-05	OC-SB-GP3-700-102803	Water
IMJ1597-06	OC-SB-GP3A-010-102803	Soil
IMJ1597-07	OC-SB-GP3A-020-102803	Soil
IMJ1597-08	OC-SB-GP3A-032-102803	Soil
IMJ1597-09	OC-SB-GP3A-045-102803	Soil
IMJ1597-10	OC-SB-GP3A-055-102803	Soil
IMJ1597-11	OC-SB-GP3A-065-102803	Soil

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Project Manager

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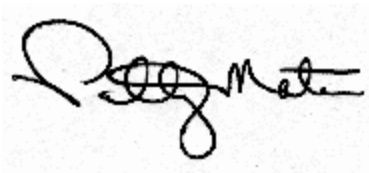
Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

LABORATORY ID	CLIENT ID	MATRIX
IMJ1597-12	OC-SB-GP3A-078-102803	Soil
IMJ1597-13	OC-SB-GP3A-085-102803	Soil



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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-05 (OC-SB-GP3-700-102803 - Water)								
Reporting Units: ug/l								
Acetone	EPA 8260B	3K02002	10	ND	1	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02002	0.50	ND	1	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02002	0.50	ND	1	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02002	5.0	ND	1	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02002	5.0	ND	1	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02002	0.50	ND	1	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02002	0.50	ND	1	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02002	0.50	ND	1	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-05 (OC-SB-GP3-700-102803 - Water) - cont.								
Reporting Units: ug/l								
Methylene chloride	EPA 8260B	3K02002	5.0	ND	1	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02002	1.0	3.9	1	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02002	5.0	ND	1	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02002	0.50	ND	1	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02002	1.0	ND	1	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (80-120%)				105 %				
Surrogate: Toluene-d8 (80-120%)				108 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				106 %				

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Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Sample ID: IMJ1597-01 (OC-SB-GP2-500-102803 - Soil)
Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Acetone	EPA 8260B	3K02016	1200	ND	80.3	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-01 (OC-SB-GP2-500-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K02016	800	ND	80.3	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02016	80	4000	80.3	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02016	80	170	80.3	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02016	400	ND	80.3	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02016	200	ND	80.3	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02016	80	ND	80.3	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02016	400	ND	80.3	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (50-160%)				100 %				
Surrogate: Toluene-d8 (60-160%)				100 %				
Surrogate: 4-Bromofluorobenzene (60-150%)				102 %				

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Project ID: Omega Chemical Soil
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Report Number: IMJ1597

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Sample ID: IMJ1597-02 (OC-SB-GP2-065-102803 - Soil)
Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Acetone	EPA 8260B	3K02016	1200	ND	81.6	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	

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10500-
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Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-02 (OC-SB-GP2-065-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K02016	820	ND	81.6	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02016	82	4200	81.6	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02016	82	180	81.6	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02016	410	ND	81.6	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02016	410	ND	81.6	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (50-160%)				95 %				
Surrogate: Toluene-d8 (60-160%)				94 %				
Surrogate: 4-Bromofluorobenzene (60-150%)				96 %				

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Camp, Dresser & McKee
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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Sample ID: IMJ1597-03 (OC-SB-GP2-077-102803 - Soil)
Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Acetone	EPA 8260B	3K02016	1200	ND	81.6	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	

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Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-03 (OC-SB-GP2-077-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K02016	820	ND	81.6	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02016	82	1500	81.6	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02016	410	ND	81.6	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02016	200	ND	81.6	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02016	82	ND	81.6	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02016	410	ND	81.6	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (50-160%)				97 %				
Surrogate: Toluene-d8 (60-160%)				98 %				
Surrogate: 4-Bromofluorobenzene (60-150%)				100 %				

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-04 (OC-SB-GP2-079-102803 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	3K02016	1500	ND	96.7	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	

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Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-04 (OC-SB-GP2-079-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K02016	1000	ND	96.7	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02016	100	1700	96.7	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02016	500	ND	96.7	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02016	250	ND	96.7	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02016	100	ND	96.7	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02016	500	ND	96.7	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (50-160%)				102 %				
Surrogate: Toluene-d8 (60-160%)				101 %				
Surrogate: 4-Bromofluorobenzene (60-150%)				102 %				

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Patty Mata
Project Manager

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Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-06 (OC-SB-GP3A-010-102803 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	3K02016	1300	ND	84.7	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-06 (OC-SB-GP3A-010-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K02016	850	ND	84.7	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02016	85	3200	84.7	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02016	420	ND	84.7	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02016	210	ND	84.7	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02016	85	ND	84.7	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02016	420	ND	84.7	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (50-160%)				91 %				
Surrogate: Toluene-d8 (60-160%)				91 %				
Surrogate: 4-Bromofluorobenzene (60-150%)				92 %				

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Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Sample ID: IMJ1597-07 (OC-SB-GP3A-020-102803 - Soil)
Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Acetone	EPA 8260B	3K01013	8.3	ND	0.835	11/1/2003	11/1/2003	
Benzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Bromobenzene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
Bromochloromethane	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
Bromodichloromethane	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Bromoform	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
Bromomethane	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
n-Butylbenzene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
sec-Butylbenzene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
tert-Butylbenzene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
Carbon tetrachloride	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
Chlorobenzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Chloroethane	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
Chloroform	EPA 8260B	3K01013	1.7	2.8	0.835	11/1/2003	11/1/2003	
Chloromethane	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
2-Chlorotoluene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
4-Chlorotoluene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
Dibromochloromethane	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Dibromomethane	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,2-Dichlorobenzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,3-Dichlorobenzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,4-Dichlorobenzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Dichlorodifluoromethane	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
1,1-Dichloroethane	EPA 8260B	3K01013	1.7	3.6	0.835	11/1/2003	11/1/2003	
1,2-Dichloroethane	EPA 8260B	3K01013	1.7	40	0.835	11/1/2003	11/1/2003	
1,1-Dichloroethene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,2-Dichloropropane	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,3-Dichloropropane	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
2,2-Dichloropropane	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,1-Dichloropropene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Ethylbenzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Hexachlorobutadiene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
Isopropylbenzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
p-Isopropyltoluene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-07 (OC-SB-GP3A-020-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K01013	17	ND	0.835	11/1/2003	11/1/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
Naphthalene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
n-Propylbenzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Styrene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Tetrachloroethene	EPA 8260B	3K01013	1.7	300	0.835	11/1/2003	11/1/2003	
Toluene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
1,1,1-Trichloroethane	EPA 8260B	3K01013	1.7	16	0.835	11/1/2003	11/1/2003	
1,1,2-Trichloroethane	EPA 8260B	3K01013	1.7	4.3	0.835	11/1/2003	11/1/2003	
Trichloroethene	EPA 8260B	3K01013	1.7	9.0	0.835	11/1/2003	11/1/2003	
Trichlorofluoromethane	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
1,2,3-Trichloropropane	EPA 8260B	3K01013	8.3	ND	0.835	11/1/2003	11/1/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Vinyl chloride	EPA 8260B	3K01013	4.2	ND	0.835	11/1/2003	11/1/2003	
o-Xylene	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
m,p-Xylenes	EPA 8260B	3K01013	1.7	ND	0.835	11/1/2003	11/1/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K01013	8.3	ND	0.835	11/1/2003	11/1/2003	
Surrogate: Dibromofluoromethane (80-125%)				105 %				
Surrogate: Toluene-d8 (80-120%)				99 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				97 %				

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Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Sample ID: IMJ1597-09 (OC-SB-GP3A-045-102803 - Soil)
Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Acetone	EPA 8260B	3K02016	1200	ND	78	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02016	78	220	78	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-09 (OC-SB-GP3A-045-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K02016	780	ND	78	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02016	78	3800	78	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02016	78	140	78	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02016	390	ND	78	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02016	200	ND	78	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02016	78	ND	78	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02016	390	ND	78	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (50-160%)				90 %				
Surrogate: Toluene-d8 (60-160%)				93 %				
Surrogate: 4-Bromofluorobenzene (60-150%)				92 %				

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Sample ID: IMJ1597-10 (OC-SB-GP3A-055-102803 - Soil)
Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Acetone	EPA 8260B	3K02016	1200	ND	80.5	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02016	81	110	80.5	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	

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Camp, Dresser & McKee
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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-10 (OC-SB-GP3A-055-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K02016	810	ND	80.5	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02016	81	5600	80.5	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02016	81	130	80.5	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02016	400	ND	80.5	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02016	200	ND	80.5	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02016	81	ND	80.5	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02016	400	ND	80.5	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (50-160%)				98 %				
Surrogate: Toluene-d8 (60-160%)				97 %				
Surrogate: 4-Bromofluorobenzene (60-150%)				99 %				

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Sampled: 10/28/03
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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Sample ID: IMJ1597-11 (OC-SB-GP3A-065-102803 - Soil)
Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Acetone	EPA 8260B	3K02016	1500	ND	92.1	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02016	100	140	92.1	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	

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Sampled: 10/28/03
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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-11 (OC-SB-GP3A-065-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K02016	1000	ND	92.1	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02016	100	12000	92.1	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02016	100	130	92.1	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02016	100	190	92.1	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02016	500	ND	92.1	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02016	250	ND	92.1	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02016	100	ND	92.1	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02016	500	ND	92.1	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (50-160%)				97 %				
Surrogate: Toluene-d8 (60-160%)				98 %				
Surrogate: 4-Bromofluorobenzene (60-150%)				99 %				

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-13 (OC-SB-GP3A-085-102803 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	3K02016	1200	ND	82.6	11/2/2003	11/2/2003	
Benzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Bromobenzene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
Bromochloromethane	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
Bromodichloromethane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Bromoform	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
Bromomethane	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
n-Butylbenzene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
sec-Butylbenzene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
tert-Butylbenzene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
Carbon tetrachloride	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
Chlorobenzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Chloroethane	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
Chloroform	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Chloromethane	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
2-Chlorotoluene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
4-Chlorotoluene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
Dibromochloromethane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Dibromomethane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,2-Dichlorobenzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,3-Dichlorobenzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,4-Dichlorobenzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Dichlorodifluoromethane	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
1,1-Dichloroethane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,2-Dichloroethane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,1-Dichloroethene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,2-Dichloropropane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,3-Dichloropropane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
2,2-Dichloropropane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,1-Dichloropropene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Ethylbenzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Hexachlorobutadiene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
Isopropylbenzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
p-Isopropyltoluene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	

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Camp, Dresser & McKee
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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-13 (OC-SB-GP3A-085-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K02016	830	ND	82.6	11/2/2003	11/2/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
Naphthalene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
n-Propylbenzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Styrene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Tetrachloroethene	EPA 8260B	3K02016	83	970	82.6	11/2/2003	11/2/2003	
Toluene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
1,1,1-Trichloroethane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,1,2-Trichloroethane	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Trichloroethene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Trichlorofluoromethane	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
1,2,3-Trichloropropane	EPA 8260B	3K02016	410	ND	82.6	11/2/2003	11/2/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Vinyl chloride	EPA 8260B	3K02016	210	ND	82.6	11/2/2003	11/2/2003	
o-Xylene	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
m,p-Xylenes	EPA 8260B	3K02016	83	ND	82.6	11/2/2003	11/2/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K02016	410	ND	82.6	11/2/2003	11/2/2003	
Surrogate: Dibromofluoromethane (50-160%)				89 %				
Surrogate: Toluene-d8 (60-160%)				89 %				
Surrogate: 4-Bromofluorobenzene (60-150%)				89 %				

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-08 (OC-SB-GP3A-032-102803 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	3K01003	10	12	1	11/1/2003	11/1/2003	
Benzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Bromobenzene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
Bromochloromethane	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
Bromodichloromethane	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Bromoform	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
Bromomethane	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
n-Butylbenzene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
sec-Butylbenzene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
tert-Butylbenzene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
Carbon tetrachloride	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
Chlorobenzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Chloroethane	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
Chloroform	EPA 8260B	3K01003	2.0	3.8	1	11/1/2003	11/1/2003	
Chloromethane	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
2-Chlorotoluene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
4-Chlorotoluene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
Dibromochloromethane	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Dibromomethane	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,2-Dichlorobenzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,3-Dichlorobenzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,4-Dichlorobenzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Dichlorodifluoromethane	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
1,1-Dichloroethane	EPA 8260B	3K01003	2.0	3.4	1	11/1/2003	11/1/2003	
1,2-Dichloroethane	EPA 8260B	3K01003	2.0	120	1	11/1/2003	11/1/2003	
1,1-Dichloroethene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,2-Dichloropropane	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,3-Dichloropropane	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
2,2-Dichloropropane	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,1-Dichloropropene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Ethylbenzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Hexachlorobutadiene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
Isopropylbenzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
p-Isopropyltoluene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	

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Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-08 (OC-SB-GP3A-032-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K01003	20	ND	1	11/1/2003	11/1/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
Naphthalene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
n-Propylbenzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Styrene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Tetrachloroethene	EPA 8260B	3K01003	2.0	130	1	11/1/2003	11/1/2003	
Toluene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
1,1,1-Trichloroethane	EPA 8260B	3K01003	2.0	5.8	1	11/1/2003	11/1/2003	
1,1,2-Trichloroethane	EPA 8260B	3K01003	2.0	7.2	1	11/1/2003	11/1/2003	
Trichloroethene	EPA 8260B	3K01003	2.0	6.9	1	11/1/2003	11/1/2003	
Trichlorofluoromethane	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
1,2,3-Trichloropropane	EPA 8260B	3K01003	10	ND	1	11/1/2003	11/1/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Vinyl chloride	EPA 8260B	3K01003	5.0	ND	1	11/1/2003	11/1/2003	
o-Xylene	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
m,p-Xylenes	EPA 8260B	3K01003	2.0	ND	1	11/1/2003	11/1/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K01003	10	ND	1	11/1/2003	11/1/2003	
Surrogate: Dibromofluoromethane (80-125%)				107 %				
Surrogate: Toluene-d8 (80-120%)				98 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				96 %				

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Patty Mata
Project Manager

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10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-12 (OC-SB-GP3A-078-102803 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	3K07011	10	ND	1	11/7/2003	11/7/2003	
Benzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Bromobenzene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
Bromochloromethane	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
Bromodichloromethane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Bromoform	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
Bromomethane	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
n-Butylbenzene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
sec-Butylbenzene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
tert-Butylbenzene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
Carbon tetrachloride	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
Chlorobenzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Chloroethane	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
Chloroform	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Chloromethane	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
2-Chlorotoluene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
4-Chlorotoluene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
Dibromochloromethane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,2-Dibromo-3-chloropropane	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
1,2-Dibromoethane (EDB)	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Dibromomethane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,2-Dichlorobenzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,3-Dichlorobenzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,4-Dichlorobenzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Dichlorodifluoromethane	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
1,1-Dichloroethane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,2-Dichloroethane	EPA 8260B	3K07011	2.0	2.1	1	11/7/2003	11/7/2003	
1,1-Dichloroethene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
cis-1,2-Dichloroethene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
trans-1,2-Dichloroethene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,2-Dichloropropane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,3-Dichloropropane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
2,2-Dichloropropane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,1-Dichloropropene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
cis-1,3-Dichloropropene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
trans-1,3-Dichloropropene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Ethylbenzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Hexachlorobutadiene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
Isopropylbenzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
p-Isopropyltoluene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	

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Camp, Dresser & McKee
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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-12 (OC-SB-GP3A-078-102803 - Soil) - cont.								
Reporting Units: ug/kg								
Methylene chloride	EPA 8260B	3K07011	20	ND	1	11/7/2003	11/7/2003	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
Naphthalene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
n-Propylbenzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Styrene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,1,1,2-Tetrachloroethane	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
1,1,2,2-Tetrachloroethane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Tetrachloroethene	EPA 8260B	3K07011	2.0	13	1	11/7/2003	11/7/2003	
Toluene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,2,3-Trichlorobenzene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
1,2,4-Trichlorobenzene	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
1,1,1-Trichloroethane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,1,2-Trichloroethane	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Trichloroethene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Trichlorofluoromethane	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
1,2,3-Trichloropropane	EPA 8260B	3K07011	10	ND	1	11/7/2003	11/7/2003	
1,2,4-Trimethylbenzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
1,3,5-Trimethylbenzene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Vinyl chloride	EPA 8260B	3K07011	5.0	ND	1	11/7/2003	11/7/2003	
o-Xylene	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
m,p-Xylenes	EPA 8260B	3K07011	2.0	ND	1	11/7/2003	11/7/2003	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	3K07011	10	ND	1	11/7/2003	11/7/2003	
Surrogate: Dibromofluoromethane (80-125%)				99 %				
Surrogate: Toluene-d8 (80-120%)				96 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				98 %				

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-05 (OC-SB-GP3-700-102803 - Water)								
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	3J30086	0.50	ND	0.962	10/30/2003	11/5/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				57 %				

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Sampled: 10/28/03
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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-01 (OC-SB-GP2-500-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	ND	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				58 %				
Sample ID: IMJ1597-02 (OC-SB-GP2-065-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	ND	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				63 %				
Sample ID: IMJ1597-03 (OC-SB-GP2-077-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	ND	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				50 %				
Sample ID: IMJ1597-04 (OC-SB-GP2-079-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	ND	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				47 %				
Sample ID: IMJ1597-06 (OC-SB-GP3A-010-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	2500	10000	100	11/1/2003	11/5/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				129 %				Z3
Sample ID: IMJ1597-07 (OC-SB-GP3A-020-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	250	1300	10	11/1/2003	11/5/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				60 %				Z3
Sample ID: IMJ1597-08 (OC-SB-GP3A-032-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	300	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				65 %				
Sample ID: IMJ1597-09 (OC-SB-GP3A-045-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	ND	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				64 %				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IMJ1597-10 (OC-SB-GP3A-055-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	ND	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				44 %				
Sample ID: IMJ1597-11 (OC-SB-GP3A-065-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	ND	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				62 %				
Sample ID: IMJ1597-12 (OC-SB-GP3A-078-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	ND	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				64 %				
Sample ID: IMJ1597-13 (OC-SB-GP3A-085-102803 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	3K01034	25	ND	1	11/1/2003	11/4/2003	
Surrogate: 1,4-Dioxane-d8 (35-120%)				53 %				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02002 Extracted: 11/02/03										
Blank Analyzed: 11/02/03 (3K02002-BLK1)										
Acetone	ND	10	ug/l							
Benzene	ND	0.50	ug/l							
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	ug/l							
Bromodichloromethane	ND	1.0	ug/l							
Bromoform	ND	1.0	ug/l							
Bromomethane	ND	1.0	ug/l							
n-Butylbenzene	ND	1.0	ug/l							
sec-Butylbenzene	ND	1.0	ug/l							
tert-Butylbenzene	ND	1.0	ug/l							
Carbon tetrachloride	ND	0.50	ug/l							
Chlorobenzene	ND	1.0	ug/l							
Chloroethane	ND	1.0	ug/l							
Chloroform	ND	1.0	ug/l							
Chloromethane	ND	1.0	ug/l							
2-Chlorotoluene	ND	1.0	ug/l							
4-Chlorotoluene	ND	1.0	ug/l							
Dibromochloromethane	ND	1.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	ug/l							
Dibromomethane	ND	1.0	ug/l							
1,2-Dichlorobenzene	ND	1.0	ug/l							
1,3-Dichlorobenzene	ND	1.0	ug/l							
1,4-Dichlorobenzene	ND	1.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	1.0	ug/l							
1,2-Dichloroethane	ND	0.50	ug/l							
1,1-Dichloroethene	ND	1.0	ug/l							
cis-1,2-Dichloroethene	ND	1.0	ug/l							
trans-1,2-Dichloroethene	ND	1.0	ug/l							
1,2-Dichloropropane	ND	1.0	ug/l							
1,3-Dichloropropane	ND	1.0	ug/l							
2,2-Dichloropropane	ND	1.0	ug/l							
1,1-Dichloropropene	ND	1.0	ug/l							
cis-1,3-Dichloropropene	ND	0.50	ug/l							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02002 Extracted: 11/02/03										
Blank Analyzed: 11/02/03 (3K02002-BLK1)										
trans-1,3-Dichloropropene	ND	0.50	ug/l							
Ethylbenzene	ND	1.0	ug/l							
Hexachlorobutadiene	ND	1.0	ug/l							
Isopropylbenzene	ND	1.0	ug/l							
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
Naphthalene	ND	1.0	ug/l							
n-Propylbenzene	ND	1.0	ug/l							
Styrene	ND	1.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l							
Tetrachloroethene	ND	1.0	ug/l							
Toluene	ND	1.0	ug/l							
1,2,3-Trichlorobenzene	ND	1.0	ug/l							
1,2,4-Trichlorobenzene	ND	1.0	ug/l							
1,1,1-Trichloroethane	ND	1.0	ug/l							
1,1,2-Trichloroethane	ND	1.0	ug/l							
Trichloroethene	ND	1.0	ug/l							
Trichlorofluoromethane	ND	1.0	ug/l							
Trichlorotrifluoroethane (Freon 113)	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	1.0	ug/l							
1,2,4-Trimethylbenzene	ND	1.0	ug/l							
1,3,5-Trimethylbenzene	ND	1.0	ug/l							
Vinyl chloride	ND	0.50	ug/l							
o-Xylene	ND	1.0	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Surrogate: Dibromofluoromethane	25.4		ug/l	25.0		102	80-120			
Surrogate: Toluene-d8	26.5		ug/l	25.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	25.8		ug/l	25.0		103	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02002 Extracted: 11/02/03										
LCS Analyzed: 11/02/03 (3K02002-BS1)										
Acetone	17.7	10	ug/l	25.0		71	25-120			
Benzene	23.4	0.50	ug/l	25.0		94	70-120			
Bromobenzene	26.3	1.0	ug/l	25.0		105	80-120			
Bromochloromethane	24.9	1.0	ug/l	25.0		100	65-135			
Bromodichloromethane	26.5	1.0	ug/l	25.0		106	70-140			
Bromoform	24.9	1.0	ug/l	25.0		100	50-135			
Bromomethane	26.1	1.0	ug/l	25.0		104	60-140			
n-Butylbenzene	26.8	1.0	ug/l	25.0		107	75-130			
sec-Butylbenzene	26.8	1.0	ug/l	25.0		107	75-125			
tert-Butylbenzene	28.1	1.0	ug/l	25.0		112	75-125			
Carbon tetrachloride	27.6	0.50	ug/l	25.0		110	70-140			
Chlorobenzene	25.8	1.0	ug/l	25.0		103	80-125			
Chloroethane	25.3	1.0	ug/l	25.0		101	60-145			
Chloroform	24.3	1.0	ug/l	25.0		97	70-130			
Chloromethane	21.9	1.0	ug/l	25.0		88	40-145			
2-Chlorotoluene	27.0	1.0	ug/l	25.0		108	75-125			
4-Chlorotoluene	27.6	1.0	ug/l	25.0		110	75-125			
Dibromochloromethane	27.7	1.0	ug/l	25.0		111	65-145			
1,2-Dibromo-3-chloropropane	23.3	5.0	ug/l	25.0		93	50-130			
1,2-Dibromoethane (EDB)	27.2	1.0	ug/l	25.0		109	70-125			
Dibromomethane	25.5	1.0	ug/l	25.0		102	70-130			
1,2-Dichlorobenzene	27.0	1.0	ug/l	25.0		108	75-120			
1,3-Dichlorobenzene	26.8	1.0	ug/l	25.0		107	75-120			
1,4-Dichlorobenzene	27.0	1.0	ug/l	25.0		108	80-120			
Dichlorodifluoromethane	31.3	5.0	ug/l	25.0		125	10-160			
1,1-Dichloroethane	23.2	1.0	ug/l	25.0		93	70-135			
1,2-Dichloroethane	26.1	0.50	ug/l	25.0		104	60-150			
1,1-Dichloroethene	24.4	1.0	ug/l	25.0		98	75-140			
cis-1,2-Dichloroethene	23.4	1.0	ug/l	25.0		94	65-125			
trans-1,2-Dichloroethene	23.7	1.0	ug/l	25.0		95	65-130			
1,2-Dichloropropane	23.8	1.0	ug/l	25.0		95	65-120			
1,3-Dichloropropane	25.5	1.0	ug/l	25.0		102	70-130			
2,2-Dichloropropane	25.1	1.0	ug/l	25.0		100	70-150			
1,1-Dichloropropene	25.6	1.0	ug/l	25.0		102	75-130			
cis-1,3-Dichloropropene	25.4	0.50	ug/l	25.0		102	70-130			

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02002 Extracted: 11/02/03										
LCS Analyzed: 11/02/03 (3K02002-BS1)										
trans-1,3-Dichloropropene	26.8	0.50	ug/l	25.0		107	75-135			
Ethylbenzene	27.1	1.0	ug/l	25.0		108	80-120			
Hexachlorobutadiene	27.9	1.0	ug/l	25.0		112	65-140			
Isopropylbenzene	27.5	1.0	ug/l	25.0		110	70-125			
p-Isopropyltoluene	26.6	1.0	ug/l	25.0		106	75-125			
Methylene chloride	23.5	5.0	ug/l	25.0		94	60-135			
Methyl-tert-butyl Ether (MTBE)	22.6	1.0	ug/l	25.0		90	55-145			
Naphthalene	26.9	1.0	ug/l	25.0		108	50-145			
n-Propylbenzene	27.1	1.0	ug/l	25.0		108	75-130			
Styrene	27.7	1.0	ug/l	25.0		111	80-135			
1,1,1,2-Tetrachloroethane	28.4	1.0	ug/l	25.0		114	70-145			
1,1,2,2-Tetrachloroethane	25.5	1.0	ug/l	25.0		102	60-135			
Tetrachloroethene	26.8	1.0	ug/l	25.0		107	75-125			
Toluene	24.3	1.0	ug/l	25.0		97	70-120			
1,2,3-Trichlorobenzene	27.1	1.0	ug/l	25.0		108	65-135			
1,2,4-Trichlorobenzene	27.3	1.0	ug/l	25.0		109	70-140			
1,1,1-Trichloroethane	25.5	1.0	ug/l	25.0		102	75-140			
1,1,2-Trichloroethane	24.7	1.0	ug/l	25.0		99	65-125			
Trichloroethene	26.0	1.0	ug/l	25.0		104	75-120			
Trichlorofluoromethane	26.2	1.0	ug/l	25.0		105	60-145			
1,2,3-Trichloropropane	26.0	1.0	ug/l	25.0		104	60-130			
1,2,4-Trimethylbenzene	27.8	1.0	ug/l	25.0		111	75-125			
1,3,5-Trimethylbenzene	28.4	1.0	ug/l	25.0		114	75-125			
Vinyl chloride	23.7	0.50	ug/l	25.0		95	50-125			
o-Xylene	25.8	1.0	ug/l	25.0		103	75-125			
m,p-Xylenes	52.6	1.0	ug/l	50.0		105	70-120			
Surrogate: Dibromofluoromethane	25.4		ug/l	25.0		102	80-120			
Surrogate: Toluene-d8	27.0		ug/l	25.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	26.7		ug/l	25.0		107	80-120			

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Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02002 Extracted: 11/02/03										
Matrix Spike Analyzed: 11/02/03 (3K02002-MS1)					Source: IMJ1597-05					
Benzene	24.5	0.50	ug/l	25.0	ND	98	70-120			
Bromodichloromethane	27.6	1.0	ug/l	25.0	ND	110	70-140			
Bromoform	23.3	1.0	ug/l	25.0	ND	93	50-135			
Chlorobenzene	27.3	1.0	ug/l	25.0	ND	109	80-125			
Chloroform	25.8	1.0	ug/l	25.0	ND	103	70-130			
Dibromochloromethane	27.8	1.0	ug/l	25.0	ND	111	65-145			
1,4-Dichlorobenzene	28.2	1.0	ug/l	25.0	ND	113	75-120			
1,1-Dichloroethane	24.6	1.0	ug/l	25.0	ND	98	65-135			
1,2-Dichloroethane	27.3	0.50	ug/l	25.0	ND	109	60-150			
1,1-Dichloroethene	25.3	1.0	ug/l	25.0	ND	101	65-145			
Ethylbenzene	28.4	1.0	ug/l	25.0	ND	114	70-125			
Methyl-tert-butyl Ether (MTBE)	21.8	1.0	ug/l	25.0	ND	87	50-150			
Naphthalene	24.5	1.0	ug/l	25.0	ND	98	50-145			
Tetrachloroethene	31.4	1.0	ug/l	25.0	3.9	110	70-130			
Toluene	25.4	1.0	ug/l	25.0	ND	102	65-120			
Trichloroethene	26.9	1.0	ug/l	25.0	ND	108	70-125			
Vinyl chloride	27.9	0.50	ug/l	25.0	ND	112	40-130			
o-Xylene	27.1	1.0	ug/l	25.0	ND	108	65-125			
m,p-Xylenes	55.0	1.0	ug/l	50.0	ND	110	60-125			
Surrogate: Dibromofluoromethane	25.3		ug/l	25.0		101	80-120			
Surrogate: Toluene-d8	27.0		ug/l	25.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	26.4		ug/l	25.0		106	80-120			
Matrix Spike Dup Analyzed: 11/02/03 (3K02002-MSD1)					Source: IMJ1597-05					
Benzene	21.9	0.50	ug/l	25.0	ND	88	70-120	11	20	
Bromodichloromethane	25.7	1.0	ug/l	25.0	ND	103	70-140	7	20	
Bromoform	25.4	1.0	ug/l	25.0	ND	102	50-135	9	25	
Chlorobenzene	24.5	1.0	ug/l	25.0	ND	98	80-125	11	20	
Chloroform	23.6	1.0	ug/l	25.0	ND	94	70-130	9	20	
Dibromochloromethane	27.6	1.0	ug/l	25.0	ND	110	65-145	1	20	
1,4-Dichlorobenzene	25.7	1.0	ug/l	25.0	ND	103	75-120	9	20	
1,1-Dichloroethane	22.6	1.0	ug/l	25.0	ND	90	65-135	8	20	
1,2-Dichloroethane	26.6	0.50	ug/l	25.0	ND	106	60-150	3	25	
1,1-Dichloroethene	23.0	1.0	ug/l	25.0	ND	92	65-145	10	25	
Ethylbenzene	25.4	1.0	ug/l	25.0	ND	102	70-125	11	20	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02002 Extracted: 11/02/03										
Matrix Spike Dup Analyzed: 11/02/03 (3K02002-MSD1)					Source: IMJ1597-05					
Methyl-tert-butyl Ether (MTBE)	24.3	1.0	ug/l	25.0	ND	97	50-150	11	25	
Naphthalene	26.9	1.0	ug/l	25.0	ND	108	50-145	9	25	
Tetrachloroethene	28.2	1.0	ug/l	25.0	3.9	97	70-130	11	20	
Toluene	22.9	1.0	ug/l	25.0	ND	92	65-120	10	20	
Trichloroethene	24.2	1.0	ug/l	25.0	ND	97	70-125	11	20	
Vinyl chloride	24.9	0.50	ug/l	25.0	ND	100	40-130	11	25	
o-Xylene	24.0	1.0	ug/l	25.0	ND	96	65-125	12	20	
m,p-Xylenes	49.1	1.0	ug/l	50.0	ND	98	60-125	11	25	
Surrogate: Dibromofluoromethane	26.0		ug/l	25.0		104	80-120			
Surrogate: Toluene-d8	26.7		ug/l	25.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	26.7		ug/l	25.0		107	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01013 Extracted: 11/01/03										
Blank Analyzed: 11/01/03 (3K01013-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01013 Extracted: 11/01/03										
Blank Analyzed: 11/01/03 (3K01013-BLK1)										
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	4.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	48.4		ug/kg	50.0		97	80-125			
Surrogate: Toluene-d8	49.0		ug/kg	50.0		98	80-120			
Surrogate: 4-Bromofluorobenzene	48.2		ug/kg	50.0		96	80-120			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/28/03
Irvine, CA 92612	Report Number: IMJ1597	Received: 10/29/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01013 Extracted: 11/01/03										
LCS Analyzed: 11/01/03 (3K01013-BS1)										
Acetone	43.1	10	ug/kg	50.0		86	40-155			
Benzene	45.4	2.0	ug/kg	50.0		91	70-120			
Bromobenzene	48.5	5.0	ug/kg	50.0		97	80-120			
Bromochloromethane	49.9	5.0	ug/kg	50.0		100	65-135			
Bromodichloromethane	50.1	2.0	ug/kg	50.0		100	70-140			
Bromoform	48.5	5.0	ug/kg	50.0		97	60-140			
Bromomethane	47.9	5.0	ug/kg	50.0		96	60-140			
n-Butylbenzene	49.1	5.0	ug/kg	50.0		98	75-130			
sec-Butylbenzene	48.7	5.0	ug/kg	50.0		97	75-125			
tert-Butylbenzene	50.3	5.0	ug/kg	50.0		101	80-125			
Carbon tetrachloride	51.9	5.0	ug/kg	50.0		104	70-140			
Chlorobenzene	48.4	2.0	ug/kg	50.0		97	80-125			
Chloroethane	46.5	5.0	ug/kg	50.0		93	55-145			
Chloroform	48.1	2.0	ug/kg	50.0		96	75-120			
Chloromethane	41.9	5.0	ug/kg	50.0		84	35-145			
2-Chlorotoluene	48.6	5.0	ug/kg	50.0		97	75-125			
4-Chlorotoluene	50.2	5.0	ug/kg	50.0		100	80-125			
Dibromochloromethane	48.3	2.0	ug/kg	50.0		97	65-145			
1,2-Dibromo-3-chloropropane	65.2	5.0	ug/kg	50.0		130	50-150			
1,2-Dibromoethane (EDB)	52.5	2.0	ug/kg	50.0		105	70-130			
Dibromomethane	51.0	2.0	ug/kg	50.0		102	70-130			
1,2-Dichlorobenzene	49.1	2.0	ug/kg	50.0		98	80-125			
1,3-Dichlorobenzene	47.8	2.0	ug/kg	50.0		96	80-120			
1,4-Dichlorobenzene	48.5	2.0	ug/kg	50.0		97	80-120			
Dichlorodifluoromethane	40.9	5.0	ug/kg	50.0		82	10-160			
1,1-Dichloroethane	47.4	2.0	ug/kg	50.0		95	70-135			
1,2-Dichloroethane	51.0	2.0	ug/kg	50.0		102	60-150			
1,1-Dichloroethene	50.4	5.0	ug/kg	50.0		101	75-130			
cis-1,2-Dichloroethene	47.1	2.0	ug/kg	50.0		94	70-125			
trans-1,2-Dichloroethene	48.8	2.0	ug/kg	50.0		98	70-130			
1,2-Dichloropropane	47.1	2.0	ug/kg	50.0		94	70-120			
1,3-Dichloropropane	50.1	2.0	ug/kg	50.0		100	70-130			
2,2-Dichloropropane	50.5	2.0	ug/kg	50.0		101	70-150			
1,1-Dichloropropene	49.3	2.0	ug/kg	50.0		99	75-130			
cis-1,3-Dichloropropene	50.4	2.0	ug/kg	50.0		101	75-130			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01013 Extracted: 11/01/03										
LCS Analyzed: 11/01/03 (3K01013-BS1)										
trans-1,3-Dichloropropene	51.9	2.0	ug/kg	50.0		104	70-135			
Ethylbenzene	49.0	2.0	ug/kg	50.0		98	75-125			
Hexachlorobutadiene	47.1	5.0	ug/kg	50.0		94	75-140			
2-Hexanone	49.5	10	ug/kg	50.0		99	40-155			
Isopropylbenzene	50.2	2.0	ug/kg	50.0		100	75-125			
p-Isopropyltoluene	48.0	2.0	ug/kg	50.0		96	75-125			
Methylene chloride	49.5	20	ug/kg	50.0		99	60-135			
4-Methyl-2-pentanone (MIBK)	49.6	5.0	ug/kg	50.0		99	50-145			
Methyl-tert-butyl Ether (MTBE)	48.9	5.0	ug/kg	50.0		98	55-145			
Naphthalene	53.8	5.0	ug/kg	50.0		108	50-145			
n-Propylbenzene	49.7	2.0	ug/kg	50.0		99	75-130			
Styrene	53.0	2.0	ug/kg	50.0		106	80-135			
1,1,1,2-Tetrachloroethane	51.6	5.0	ug/kg	50.0		103	70-145			
1,1,2,2-Tetrachloroethane	56.1	2.0	ug/kg	50.0		112	55-145			
Tetrachloroethene	47.7	2.0	ug/kg	50.0		95	80-125			
Toluene	47.0	2.0	ug/kg	50.0		94	75-120			
1,2,3-Trichlorobenzene	49.4	5.0	ug/kg	50.0		99	65-135			
1,2,4-Trichlorobenzene	49.4	5.0	ug/kg	50.0		99	70-140			
1,1,1-Trichloroethane	50.0	2.0	ug/kg	50.0		100	75-140			
1,1,2-Trichloroethane	50.1	2.0	ug/kg	50.0		100	65-130			
Trichloroethene	47.7	2.0	ug/kg	50.0		95	75-125			
Trichlorofluoromethane	49.3	5.0	ug/kg	50.0		99	50-145			
1,2,3-Trichloropropane	52.6	10	ug/kg	50.0		105	55-140			
1,2,4-Trimethylbenzene	50.8	2.0	ug/kg	50.0		102	75-125			
1,3,5-Trimethylbenzene	50.1	2.0	ug/kg	50.0		100	80-125			
Vinyl chloride	45.9	5.0	ug/kg	50.0		92	45-130			
o-Xylene	48.0	2.0	ug/kg	50.0		96	75-125			
m,p-Xylenes	98.6	2.0	ug/kg	100		99	75-125			
Xylenes, Total	147	4.0	ug/kg	150		98	75-125			
Surrogate: Dibromofluoromethane	49.5		ug/kg	50.0		99	80-125			
Surrogate: Toluene-d8	49.3		ug/kg	50.0		99	80-120			
Surrogate: 4-Bromofluorobenzene	48.3		ug/kg	50.0		97	80-120			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/28/03
Irvine, CA 92612	Report Number: IMJ1597	Received: 10/29/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01013 Extracted: 11/01/03										
Matrix Spike Analyzed: 11/01/03 (3K01013-MS1)					Source: IMJ1682-13					
Benzene	42.2	2.0	ug/kg	47.2	ND	89	65-130			
Bromodichloromethane	47.2	2.0	ug/kg	47.2	ND	100	70-145			
Bromoform	44.5	5.0	ug/kg	47.2	ND	94	60-145			
Chlorobenzene	45.0	2.0	ug/kg	47.2	ND	95	80-130			
Chloroform	45.7	2.0	ug/kg	47.2	ND	97	70-130			
Dibromochloromethane	44.7	2.0	ug/kg	47.2	ND	95	65-145			
1,4-Dichlorobenzene	44.0	2.0	ug/kg	47.2	ND	93	75-130			
1,1-Dichloroethane	44.5	2.0	ug/kg	47.2	ND	94	70-135			
1,2-Dichloroethane	48.5	2.0	ug/kg	47.2	ND	103	60-150			
1,1-Dichloroethene	46.4	5.0	ug/kg	47.2	ND	98	75-140			
Ethylbenzene	45.2	2.0	ug/kg	47.2	ND	96	70-130			
Methyl-tert-butyl Ether (MTBE)	46.0	5.0	ug/kg	47.2	ND	97	50-150			
Naphthalene	43.9	5.0	ug/kg	47.2	ND	93	40-160			
Tetrachloroethene	44.1	2.0	ug/kg	47.2	ND	93	70-130			
Toluene	43.8	2.0	ug/kg	47.2	ND	93	70-125			
Trichloroethene	44.5	2.0	ug/kg	47.2	ND	94	70-140			
Vinyl chloride	43.0	5.0	ug/kg	47.2	ND	91	45-130			
o-Xylene	44.5	2.0	ug/kg	47.2	ND	94	70-125			
m,p-Xylenes	91.2	2.0	ug/kg	94.3	ND	97	70-125			
Xylenes, Total	136	4.0	ug/kg	142	ND	96	70-125			
Surrogate: Dibromofluoromethane	47.3		ug/kg	47.2		100	80-125			
Surrogate: Toluene-d8	46.8		ug/kg	47.2		99	80-120			
Surrogate: 4-Bromofluorobenzene	45.4		ug/kg	47.2		96	80-120			
Matrix Spike Dup Analyzed: 11/01/03 (3K01013-MSD1)					Source: IMJ1682-13					
Benzene	44.1	1.8	ug/kg	45.2	ND	98	65-130	4	20	
Bromodichloromethane	47.8	1.8	ug/kg	45.2	ND	106	70-145	1	20	
Bromoform	41.4	4.5	ug/kg	45.2	ND	92	60-145	7	25	
Chlorobenzene	46.8	1.8	ug/kg	45.2	ND	104	80-130	4	20	
Chloroform	47.5	1.8	ug/kg	45.2	ND	105	70-130	4	20	
Dibromochloromethane	43.7	1.8	ug/kg	45.2	ND	97	65-145	2	25	
1,4-Dichlorobenzene	46.4	1.8	ug/kg	45.2	ND	103	75-130	5	20	
1,1-Dichloroethane	46.7	1.8	ug/kg	45.2	ND	103	70-135	5	20	
1,2-Dichloroethane	47.1	1.8	ug/kg	45.2	ND	104	60-150	3	25	
1,1-Dichloroethene	49.5	4.5	ug/kg	45.2	ND	110	75-140	6	20	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01013 Extracted: 11/01/03										
Matrix Spike Dup Analyzed: 11/01/03 (3K01013-MSD1)					Source: IMJ1682-13					
Ethylbenzene	47.4	1.8	ug/kg	45.2	ND	105	70-130	5	20	
Methyl-tert-butyl Ether (MTBE)	42.1	4.5	ug/kg	45.2	ND	93	50-150	9	25	
Naphthalene	44.4	4.5	ug/kg	45.2	ND	98	40-160	1	25	
Tetrachloroethene	46.7	1.8	ug/kg	45.2	ND	103	70-130	6	20	
Toluene	45.5	1.8	ug/kg	45.2	ND	101	70-125	4	20	
Trichloroethene	46.4	1.8	ug/kg	45.2	ND	103	70-140	4	20	
Vinyl chloride	45.8	4.5	ug/kg	45.2	ND	101	45-130	6	30	
o-Xylene	46.3	1.8	ug/kg	45.2	ND	102	70-125	4	20	
m,p-Xylenes	95.3	1.8	ug/kg	90.4	ND	105	70-125	4	20	
Xylenes, Total	142	3.6	ug/kg	136	ND	104	70-125	4	20	
Surrogate: Dibromofluoromethane	45.2		ug/kg	45.2		100	80-125			
Surrogate: Toluene-d8	44.6		ug/kg	45.2		99	80-120			
Surrogate: 4-Bromofluorobenzene	43.3		ug/kg	45.2		96	80-120			
Batch: 3K02016 Extracted: 11/02/03										
Blank Analyzed: 11/05/03 (3K02016-BLK1)										
Acetone	ND	1500	ug/kg							
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
2-Butanone (MEK)	ND	1000	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/28/03
Irvine, CA 92612	Report Number: IMJ1597	Received: 10/29/03
Attention: Sharon Wallin		

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02016 Extracted: 11/02/03										
Blank Analyzed: 11/05/03 (3K02016-BLK1)										
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
2-Hexanone	ND	500	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	500	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	250	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02016 Extracted: 11/02/03										
Blank Analyzed: 11/05/03 (3K02016-BLK1)										
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Xylenes, Total	ND	200	ug/kg							
Di-isopropyl Ether (DIPE)	ND	250	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	250	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	250	ug/kg							
tert-Butanol (TBA)	ND	2500	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	500	ug/kg							
Surrogate: Dibromofluoromethane	3250		ug/kg	2500		130	50-160			
Surrogate: Toluene-d8	3450		ug/kg	2500		138	60-160			
Surrogate: 4-Bromofluorobenzene	3390		ug/kg	2500		136	60-150			
LCS Analyzed: 11/02/03 (3K02016-BS1)										
Acetone	1600	1500	ug/kg	2500		64	35-120			
Benzene	2550	100	ug/kg	2500		102	75-125			
Bromobenzene	2680	250	ug/kg	2500		107	80-120			
Bromochloromethane	2760	250	ug/kg	2500		110	65-140			
Bromodichloromethane	2790	100	ug/kg	2500		112	70-140			
Bromoform	2450	250	ug/kg	2500		98	60-130			
Bromomethane	1900	250	ug/kg	2500		76	35-140			
n-Butylbenzene	2790	250	ug/kg	2500		112	80-130			
sec-Butylbenzene	2710	250	ug/kg	2500		108	75-125			
tert-Butylbenzene	2660	250	ug/kg	2500		106	80-125			
Carbon tetrachloride	2710	250	ug/kg	2500		108	70-140			
Chlorobenzene	2700	100	ug/kg	2500		108	80-125			
Chloroethane	2080	250	ug/kg	2500		83	40-145			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02016 Extracted: 11/02/03										
LCS Analyzed: 11/02/03 (3K02016-BS1)										
Chloroform	2620	100	ug/kg	2500		105	75-130			
Chloromethane	1750	250	ug/kg	2500		70	30-145			
2-Chlorotoluene	2520	250	ug/kg	2500		101	75-125			
4-Chlorotoluene	2630	250	ug/kg	2500		105	80-125			
Dibromochloromethane	2510	100	ug/kg	2500		100	65-145			
1,2-Dibromo-3-chloropropane	2470	250	ug/kg	2500		99	45-135			
1,2-Dibromoethane (EDB)	2650	100	ug/kg	2500		106	75-130			
Dibromomethane	2740	100	ug/kg	2500		110	75-135			
1,2-Dichlorobenzene	2820	100	ug/kg	2500		113	80-120			
1,3-Dichlorobenzene	2650	100	ug/kg	2500		106	80-120			
1,4-Dichlorobenzene	2700	100	ug/kg	2500		108	80-120			
Dichlorodifluoromethane	1550	250	ug/kg	2500		62	10-160			
1,1-Dichloroethane	2580	100	ug/kg	2500		103	70-135			
1,2-Dichloroethane	2750	100	ug/kg	2500		110	60-150			
1,1-Dichloroethene	2720	250	ug/kg	2500		109	80-145			
cis-1,2-Dichloroethene	2710	100	ug/kg	2500		108	70-135			
trans-1,2-Dichloroethene	2680	100	ug/kg	2500		107	70-135			
1,2-Dichloropropane	2680	100	ug/kg	2500		107	75-125			
1,3-Dichloropropane	2720	100	ug/kg	2500		109	75-130			
2,2-Dichloropropane	2320	100	ug/kg	2500		93	70-150			
1,1-Dichloropropene	2630	100	ug/kg	2500		105	75-130			
cis-1,3-Dichloropropene	2710	100	ug/kg	2500		108	75-130			
trans-1,3-Dichloropropene	2490	100	ug/kg	2500		100	75-135			
Ethylbenzene	2740	100	ug/kg	2500		110	80-120			
Hexachlorobutadiene	3160	250	ug/kg	2500		126	75-140			
2-Hexanone	2560	500	ug/kg	2500		102	40-135			
Isopropylbenzene	2640	100	ug/kg	2500		106	75-125			
p-Isopropyltoluene	2680	100	ug/kg	2500		107	80-125			
Methylene chloride	2720	1000	ug/kg	2500		109	60-145			
4-Methyl-2-pentanone (MIBK)	2460	500	ug/kg	2500		98	50-140			
Methyl-tert-butyl Ether (MTBE)	2610	250	ug/kg	2500		104	55-150			
Naphthalene	2640	250	ug/kg	2500		106	50-145			
n-Propylbenzene	2650	100	ug/kg	2500		106	75-130			
Styrene	2920	100	ug/kg	2500		117	80-135			
1,1,1,2-Tetrachloroethane	2860	250	ug/kg	2500		114	70-145			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02016 Extracted: 11/02/03										
LCS Analyzed: 11/02/03 (3K02016-BS1)										
1,1,2,2-Tetrachloroethane	2060	100	ug/kg	2500		82	60-135			
Tetrachloroethene	2720	100	ug/kg	2500		109	80-125			
Toluene	2600	100	ug/kg	2500		104	80-125			
1,2,3-Trichlorobenzene	2680	250	ug/kg	2500		107	65-135			
1,2,4-Trichlorobenzene	2780	250	ug/kg	2500		111	70-140			
1,1,1-Trichloroethane	2580	100	ug/kg	2500		103	75-140			
1,1,2-Trichloroethane	2700	100	ug/kg	2500		108	70-130			
Trichloroethene	3040	100	ug/kg	2500		122	80-130			
Trichlorofluoromethane	2380	250	ug/kg	2500		95	55-145			
1,2,3-Trichloropropane	2560	500	ug/kg	2500		102	60-130			
1,2,4-Trimethylbenzene	2720	100	ug/kg	2500		109	80-125			M3
1,3,5-Trimethylbenzene	2760	100	ug/kg	2500		110	80-125			
Vinyl chloride	348	250	ug/kg	2500		14	10-120			
o-Xylene	2700	100	ug/kg	2500		108	80-125			M3
m,p-Xylenes	5440	100	ug/kg	5000		109	80-120			M3
Xylenes, Total	8140	200	ug/kg	7500		109	80-125			M3
Di-isopropyl Ether (DIPE)	2540	250	ug/kg	2500		102	65-145			
Ethyl tert-Butyl Ether (ETBE)	2650	250	ug/kg	2500		106	60-150			
tert-Amyl Methyl Ether (TAME)	2790	250	ug/kg	2500		112	60-150			
tert-Butanol (TBA)	14200	2500	ug/kg	12500		114	75-140			
Surrogate: Dibromofluoromethane	2490		ug/kg	2500		100	50-160			
Surrogate: Toluene-d8	2570		ug/kg	2500		103	60-160			
Surrogate: 4-Bromofluorobenzene	2640		ug/kg	2500		106	60-150			
Matrix Spike Analyzed: 11/02/03 (3K02016-MS1)					Source: IMJ1605-01					
Benzene	2360	100	ug/kg	2500	ND	94	60-140			
Bromodichloromethane	2450	100	ug/kg	2500	ND	98	65-150			
Bromoform	2380	250	ug/kg	2500	ND	95	55-150			
Chlorobenzene	2560	100	ug/kg	2500	ND	102	70-140			
Chloroform	2420	100	ug/kg	2500	ND	97	60-140			
Dibromochloromethane	2380	100	ug/kg	2500	ND	95	60-150			
1,4-Dichlorobenzene	2510	100	ug/kg	2500	ND	100	55-150			
1,1-Dichloroethane	2340	100	ug/kg	2500	ND	94	60-155			
1,2-Dichloroethane	2480	100	ug/kg	2500	ND	99	55-150			
1,1-Dichloroethene	2500	250	ug/kg	2500	ND	100	60-165			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02016 Extracted: 11/02/03										
Matrix Spike Analyzed: 11/02/03 (3K02016-MS1)					Source: IMJ1605-01					
Ethylbenzene	10600	100	ug/kg	2500	12000	-56	60-140			M-HA
Methyl-tert-butyl Ether (MTBE)	2400	250	ug/kg	2500	ND	96	45-160			
Naphthalene	6310	250	ug/kg	2500	5000	52	30-165			
Tetrachloroethene	2580	100	ug/kg	2500	ND	103	65-145			
Toluene	7190	100	ug/kg	2500	7600	-16	60-145			M2
Trichloroethene	3210	100	ug/kg	2500	ND	128	70-150			
Vinyl chloride	425	250	ug/kg	2500	ND	17	10-120			
Di-isopropyl Ether (DIPE)	2280	250	ug/kg	2500	ND	91	50-160			
Ethyl tert-Butyl Ether (ETBE)	2400	250	ug/kg	2500	ND	96	60-160			
tert-Amyl Methyl Ether (TAME)	2580	250	ug/kg	2500	ND	103	55-160			
tert-Butanol (TBA)	13300	2500	ug/kg	12500	ND	106	60-160			
Surrogate: Dibromofluoromethane	2110		ug/kg	2500		84	50-160			
Surrogate: Toluene-d8	2370		ug/kg	2500		95	60-160			
Surrogate: 4-Bromofluorobenzene	2490		ug/kg	2500		100	60-150			
Matrix Spike Dup Analyzed: 11/03/03 (3K02016-MSD1)					Source: IMJ1605-01					
Benzene	2390	100	ug/kg	2500	ND	96	60-140	1	25	
Bromodichloromethane	2460	100	ug/kg	2500	ND	98	65-150	0	25	
Bromoform	2340	250	ug/kg	2500	ND	94	55-150	2	30	
Chlorobenzene	2550	100	ug/kg	2500	ND	102	70-140	0	25	
Chloroform	2400	100	ug/kg	2500	ND	96	60-140	1	25	
Dibromochloromethane	2350	100	ug/kg	2500	ND	94	60-150	1	25	
1,4-Dichlorobenzene	2500	100	ug/kg	2500	ND	100	55-150	0	25	
1,1-Dichloroethane	2320	100	ug/kg	2500	ND	93	60-155	1	25	
1,2-Dichloroethane	2460	100	ug/kg	2500	ND	98	55-150	1	30	
1,1-Dichloroethene	2530	250	ug/kg	2500	ND	101	60-165	1	25	
Ethylbenzene	12600	100	ug/kg	2500	12000	24	60-140	17	25	M-HA
Methyl-tert-butyl Ether (MTBE)	2340	250	ug/kg	2500	ND	94	45-160	3	30	
Naphthalene	6660	250	ug/kg	2500	5000	66	30-165	5	30	
Tetrachloroethene	2560	100	ug/kg	2500	ND	102	65-145	1	25	
Toluene	9280	100	ug/kg	2500	7600	67	60-145	25	25	
Trichloroethene	3190	100	ug/kg	2500	ND	128	70-150	1	25	
Vinyl chloride	381	250	ug/kg	2500	ND	15	10-120	11	35	
Di-isopropyl Ether (DIPE)	2250	250	ug/kg	2500	ND	90	50-160	1	25	
Ethyl tert-Butyl Ether (ETBE)	2350	250	ug/kg	2500	ND	94	60-160	2	25	

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10500-
Report Number: IMJ1597

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Received: 10/29/03

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K02016 Extracted: 11/02/03										
Matrix Spike Dup Analyzed: 11/03/03 (3K02016-MSD1)					Source: IMJ1605-01					
tert-Amyl Methyl Ether (TAME)	2560	250	ug/kg	2500	ND	102	55-160	1	25	
tert-Butanol (TBA)	13300	2500	ug/kg	12500	ND	106	60-160	0	25	
Surrogate: Dibromofluoromethane	2100		ug/kg	2500		84	50-160			
Surrogate: Toluene-d8	2370		ug/kg	2500		95	60-160			
Surrogate: 4-Bromofluorobenzene	2440		ug/kg	2500		98	60-150			

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VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01003 Extracted: 11/01/03										
Blank Analyzed: 11/01/03 (3K01003-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/28/03
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VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01003 Extracted: 11/01/03										
Blank Analyzed: 11/01/03 (3K01003-BLK1)										
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	2.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	48.4		ug/kg	50.0		97	80-125			
Surrogate: Toluene-d8	49.0		ug/kg	50.0		98	80-120			
Surrogate: 4-Bromofluorobenzene	48.2		ug/kg	50.0		96	80-120			

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VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01003 Extracted: 11/01/03										
LCS Analyzed: 11/01/03 (3K01003-BS1)										
Acetone	43.1	10	ug/kg	50.0		86	40-155			
Benzene	45.4	2.0	ug/kg	50.0		91	70-120			
Bromobenzene	48.5	5.0	ug/kg	50.0		97	80-120			
Bromochloromethane	49.9	5.0	ug/kg	50.0		100	65-135			
Bromodichloromethane	50.1	2.0	ug/kg	50.0		100	70-140			
Bromoform	48.5	5.0	ug/kg	50.0		97	60-140			
Bromomethane	47.9	5.0	ug/kg	50.0		96	60-140			
n-Butylbenzene	49.1	5.0	ug/kg	50.0		98	75-130			
sec-Butylbenzene	48.7	5.0	ug/kg	50.0		97	75-125			
tert-Butylbenzene	50.3	5.0	ug/kg	50.0		101	80-125			
Carbon tetrachloride	51.9	5.0	ug/kg	50.0		104	70-140			
Chlorobenzene	48.4	2.0	ug/kg	50.0		97	80-125			
Chloroethane	46.5	5.0	ug/kg	50.0		93	55-145			
Chloroform	48.1	2.0	ug/kg	50.0		96	75-120			
Chloromethane	41.9	5.0	ug/kg	50.0		84	35-145			
2-Chlorotoluene	48.6	5.0	ug/kg	50.0		97	75-125			
4-Chlorotoluene	50.2	5.0	ug/kg	50.0		100	80-125			
Dibromochloromethane	48.3	2.0	ug/kg	50.0		97	65-145			
1,2-Dibromo-3-chloropropane	65.2	5.0	ug/kg	50.0		130	50-150			
1,2-Dibromoethane (EDB)	52.5	2.0	ug/kg	50.0		105	70-130			
Dibromomethane	51.0	2.0	ug/kg	50.0		102	70-130			
1,2-Dichlorobenzene	49.1	2.0	ug/kg	50.0		98	80-125			
1,3-Dichlorobenzene	47.8	2.0	ug/kg	50.0		96	80-120			
1,4-Dichlorobenzene	48.5	2.0	ug/kg	50.0		97	80-120			
Dichlorodifluoromethane	40.9	5.0	ug/kg	50.0		82	10-160			
1,1-Dichloroethane	47.4	2.0	ug/kg	50.0		95	70-135			
1,2-Dichloroethane	51.0	2.0	ug/kg	50.0		102	60-150			
1,1-Dichloroethene	50.4	5.0	ug/kg	50.0		101	75-130			
cis-1,2-Dichloroethene	47.1	2.0	ug/kg	50.0		94	70-125			
trans-1,2-Dichloroethene	48.8	2.0	ug/kg	50.0		98	70-130			
1,2-Dichloropropane	47.1	2.0	ug/kg	50.0		94	70-120			
1,3-Dichloropropane	50.1	2.0	ug/kg	50.0		100	70-130			
2,2-Dichloropropane	50.5	2.0	ug/kg	50.0		101	70-150			
1,1-Dichloropropene	49.3	2.0	ug/kg	50.0		99	75-130			
cis-1,3-Dichloropropene	50.4	2.0	ug/kg	50.0		101	75-130			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/28/03
Irvine, CA 92612	Report Number: IMJ1597	Received: 10/29/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01003 Extracted: 11/01/03										
LCS Analyzed: 11/01/03 (3K01003-BS1)										
trans-1,3-Dichloropropene	51.9	2.0	ug/kg	50.0		104	70-135			
Ethylbenzene	49.0	2.0	ug/kg	50.0		98	75-125			
Hexachlorobutadiene	47.1	5.0	ug/kg	50.0		94	75-140			
2-Hexanone	49.5	10	ug/kg	50.0		99	40-155			
Isopropylbenzene	50.2	2.0	ug/kg	50.0		100	75-125			
p-Isopropyltoluene	48.0	2.0	ug/kg	50.0		96	75-125			
Methylene chloride	49.5	20	ug/kg	50.0		99	60-135			
4-Methyl-2-pentanone (MIBK)	49.6	5.0	ug/kg	50.0		99	50-145			
Methyl-tert-butyl Ether (MTBE)	48.9	5.0	ug/kg	50.0		98	55-145			
Naphthalene	53.8	5.0	ug/kg	50.0		108	50-145			
n-Propylbenzene	49.7	2.0	ug/kg	50.0		99	75-130			
Styrene	53.0	2.0	ug/kg	50.0		106	80-135			
1,1,1,2-Tetrachloroethane	51.6	5.0	ug/kg	50.0		103	70-145			
1,1,2,2-Tetrachloroethane	56.1	2.0	ug/kg	50.0		112	55-145			
Tetrachloroethene	47.7	2.0	ug/kg	50.0		95	80-125			
Toluene	47.0	2.0	ug/kg	50.0		94	75-120			
1,2,3-Trichlorobenzene	49.4	5.0	ug/kg	50.0		99	65-135			
1,2,4-Trichlorobenzene	49.4	5.0	ug/kg	50.0		99	70-140			
1,1,1-Trichloroethane	50.0	2.0	ug/kg	50.0		100	75-140			
1,1,2-Trichloroethane	50.1	2.0	ug/kg	50.0		100	65-130			
Trichloroethene	47.7	2.0	ug/kg	50.0		95	75-125			
Trichlorofluoromethane	49.3	5.0	ug/kg	50.0		99	50-145			
1,2,3-Trichloropropane	52.6	10	ug/kg	50.0		105	55-140			
1,2,4-Trimethylbenzene	50.8	2.0	ug/kg	50.0		102	75-125			
1,3,5-Trimethylbenzene	50.1	2.0	ug/kg	50.0		100	80-125			
Vinyl chloride	45.9	5.0	ug/kg	50.0		92	45-130			
o-Xylene	48.0	2.0	ug/kg	50.0		96	75-125			
m,p-Xylenes	98.6	2.0	ug/kg	100		99	75-125			
Xylenes, Total	147	2.0	ug/kg	150		98	75-125			
Surrogate: Dibromofluoromethane	49.5		ug/kg	50.0		99	80-125			
Surrogate: Toluene-d8	49.3		ug/kg	50.0		99	80-120			
Surrogate: 4-Bromofluorobenzene	48.3		ug/kg	50.0		97	80-120			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01003 Extracted: 11/01/03										
Matrix Spike Analyzed: 11/01/03 (3K01003-MS1)					Source: IMJ1682-13					
Benzene	42.2	2.0	ug/kg	47.2	ND	89	65-130			
Bromodichloromethane	47.2	2.0	ug/kg	47.2	ND	100	70-145			
Bromoform	44.5	5.0	ug/kg	47.2	ND	94	60-145			
Chlorobenzene	45.0	2.0	ug/kg	47.2	ND	95	80-130			
Chloroform	45.7	2.0	ug/kg	47.2	ND	97	70-130			
Dibromochloromethane	44.7	2.0	ug/kg	47.2	ND	95	65-145			
1,4-Dichlorobenzene	44.0	2.0	ug/kg	47.2	ND	93	75-130			
1,1-Dichloroethane	44.5	2.0	ug/kg	47.2	ND	94	70-135			
1,2-Dichloroethane	48.5	2.0	ug/kg	47.2	ND	103	60-150			
1,1-Dichloroethene	46.4	5.0	ug/kg	47.2	ND	98	75-140			
Ethylbenzene	45.2	2.0	ug/kg	47.2	ND	96	70-130			
Methyl-tert-butyl Ether (MTBE)	46.0	5.0	ug/kg	47.2	ND	97	50-150			
Naphthalene	43.9	5.0	ug/kg	47.2	ND	93	40-160			
Tetrachloroethene	44.1	2.0	ug/kg	47.2	ND	93	70-130			
Toluene	43.8	2.0	ug/kg	47.2	ND	93	70-125			
Trichloroethene	44.5	2.0	ug/kg	47.2	ND	94	70-140			
Vinyl chloride	43.0	5.0	ug/kg	47.2	ND	91	45-130			
o-Xylene	44.5	2.0	ug/kg	47.2	ND	94	70-125			
m,p-Xylenes	91.2	2.0	ug/kg	94.3	ND	97	70-125			
Xylenes, Total	136	2.0	ug/kg	142	ND	96	70-125			
Surrogate: Dibromofluoromethane	47.3		ug/kg	47.2		100	80-125			
Surrogate: Toluene-d8	46.8		ug/kg	47.2		99	80-120			
Surrogate: 4-Bromofluorobenzene	45.4		ug/kg	47.2		96	80-120			
Matrix Spike Dup Analyzed: 11/01/03 (3K01003-MSD1)					Source: IMJ1682-13					
Benzene	44.1	1.8	ug/kg	45.2	ND	98	65-130	4	20	
Bromodichloromethane	47.8	1.8	ug/kg	45.2	ND	106	70-145	1	20	
Bromoform	41.4	4.5	ug/kg	45.2	ND	92	60-145	7	25	
Chlorobenzene	46.8	1.8	ug/kg	45.2	ND	104	80-130	4	20	
Chloroform	47.5	1.8	ug/kg	45.2	ND	105	70-130	4	20	
Dibromochloromethane	43.7	1.8	ug/kg	45.2	ND	97	65-145	2	25	
1,4-Dichlorobenzene	46.4	1.8	ug/kg	45.2	ND	103	75-130	5	20	
1,1-Dichloroethane	46.7	1.8	ug/kg	45.2	ND	103	70-135	5	20	
1,2-Dichloroethane	47.1	1.8	ug/kg	45.2	ND	104	60-150	3	25	
1,1-Dichloroethene	49.5	4.5	ug/kg	45.2	ND	110	75-140	6	20	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01003 Extracted: 11/01/03										
Matrix Spike Dup Analyzed: 11/01/03 (3K01003-MSD1)					Source: IMJ1682-13					
Ethylbenzene	47.4	1.8	ug/kg	45.2	ND	105	70-130	5	20	
Methyl-tert-butyl Ether (MTBE)	42.1	4.5	ug/kg	45.2	ND	93	50-150	9	25	
Naphthalene	44.4	4.5	ug/kg	45.2	ND	98	40-160	1	25	
Tetrachloroethene	46.7	1.8	ug/kg	45.2	ND	103	70-130	6	20	
Toluene	45.5	1.8	ug/kg	45.2	ND	101	70-125	4	20	
Trichloroethene	46.4	1.8	ug/kg	45.2	ND	103	70-140	4	20	
Vinyl chloride	45.8	4.5	ug/kg	45.2	ND	101	45-130	6	30	
o-Xylene	46.3	1.8	ug/kg	45.2	ND	102	70-125	4	20	
m,p-Xylenes	95.3	1.8	ug/kg	90.4	ND	105	70-125	4	20	
Xylenes, Total	142	1.8	ug/kg	136	ND	104	70-125	4	20	
Surrogate: Dibromofluoromethane	45.2		ug/kg	45.2		100	80-125			
Surrogate: Toluene-d8	44.6		ug/kg	45.2		99	80-120			
Surrogate: 4-Bromofluorobenzene	43.3		ug/kg	45.2		96	80-120			
Batch: 3K07011 Extracted: 11/07/03										
Blank Analyzed: 11/07/03 (3K07011-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/28/03
Irvine, CA 92612	Report Number: IMJ1597	Received: 10/29/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K07011 Extracted: 11/07/03										
Blank Analyzed: 11/07/03 (3K07011-BLK1)										
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							

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VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K07011 Extracted: 11/07/03										
Blank Analyzed: 11/07/03 (3K07011-BLK1)										
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	2.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	49.2		ug/kg	50.0		98	80-125			
Surrogate: Toluene-d8	48.7		ug/kg	50.0		97	80-120			
Surrogate: 4-Bromofluorobenzene	48.4		ug/kg	50.0		97	80-120			
LCS Analyzed: 11/07/03 (3K07011-BS1)										
Acetone	29.7	10	ug/kg	50.0		59	40-155			
Benzene	43.1	2.0	ug/kg	50.0		86	70-120			
Bromobenzene	46.9	5.0	ug/kg	50.0		94	80-120			
Bromochloromethane	46.8	5.0	ug/kg	50.0		94	65-135			
Bromodichloromethane	50.7	2.0	ug/kg	50.0		101	70-140			
Bromoform	44.5	5.0	ug/kg	50.0		89	60-140			
Bromomethane	48.3	5.0	ug/kg	50.0		97	60-140			
n-Butylbenzene	49.7	5.0	ug/kg	50.0		99	75-130			
sec-Butylbenzene	48.7	5.0	ug/kg	50.0		97	75-125			
tert-Butylbenzene	50.1	5.0	ug/kg	50.0		100	80-125			
Carbon tetrachloride	56.7	5.0	ug/kg	50.0		113	70-140			
Chlorobenzene	47.8	2.0	ug/kg	50.0		96	80-125			
Chloroethane	45.8	5.0	ug/kg	50.0		92	55-145			
Chloroform	47.5	2.0	ug/kg	50.0		95	75-120			
Chloromethane	40.1	5.0	ug/kg	50.0		80	35-145			
2-Chlorotoluene	47.4	5.0	ug/kg	50.0		95	75-125			
4-Chlorotoluene	49.3	5.0	ug/kg	50.0		99	80-125			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/28/03
Irvine, CA 92612	Report Number: IMJ1597	Received: 10/29/03
Attention: Sharon Wallin		

METHOD BLANK/QC DATA

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K07011 Extracted: 11/07/03										
LCS Analyzed: 11/07/03 (3K07011-BS1)										
Dibromochloromethane	46.2	2.0	ug/kg	50.0		92	65-145			
1,2-Dibromo-3-chloropropane	56.4	5.0	ug/kg	50.0		113	50-150			
1,2-Dibromoethane (EDB)	47.4	2.0	ug/kg	50.0		95	70-130			
Dibromomethane	47.7	2.0	ug/kg	50.0		95	70-130			
1,2-Dichlorobenzene	48.3	2.0	ug/kg	50.0		97	80-125			
1,3-Dichlorobenzene	47.3	2.0	ug/kg	50.0		95	80-120			
1,4-Dichlorobenzene	48.2	2.0	ug/kg	50.0		96	80-120			
Dichlorodifluoromethane	45.5	5.0	ug/kg	50.0		91	10-160			
1,1-Dichloroethane	44.8	2.0	ug/kg	50.0		90	70-135			
1,2-Dichloroethane	52.8	2.0	ug/kg	50.0		106	60-150			
1,1-Dichloroethene	47.2	5.0	ug/kg	50.0		94	75-130			
cis-1,2-Dichloroethene	43.5	2.0	ug/kg	50.0		87	70-125			
trans-1,2-Dichloroethene	45.7	2.0	ug/kg	50.0		91	70-130			
1,2-Dichloropropane	43.6	2.0	ug/kg	50.0		87	70-120			
1,3-Dichloropropane	45.4	2.0	ug/kg	50.0		91	70-130			
2,2-Dichloropropane	53.9	2.0	ug/kg	50.0		108	70-150			
1,1-Dichloropropene	47.9	2.0	ug/kg	50.0		96	75-130			
cis-1,3-Dichloropropene	46.7	2.0	ug/kg	50.0		93	75-130			
trans-1,3-Dichloropropene	47.8	2.0	ug/kg	50.0		96	70-135			
Ethylbenzene	48.7	2.0	ug/kg	50.0		97	75-125			
Hexachlorobutadiene	50.2	5.0	ug/kg	50.0		100	75-140			
2-Hexanone	34.1	10	ug/kg	50.0		68	40-155			
Isopropylbenzene	49.2	2.0	ug/kg	50.0		98	75-125			
p-Isopropyltoluene	48.9	2.0	ug/kg	50.0		98	75-125			
Methylene chloride	45.7	20	ug/kg	50.0		91	60-135			
4-Methyl-2-pentanone (MIBK)	35.5	5.0	ug/kg	50.0		71	50-145			
Methyl-tert-butyl Ether (MTBE)	39.3	5.0	ug/kg	50.0		79	55-145			
Naphthalene	48.5	5.0	ug/kg	50.0		97	50-145			
n-Propylbenzene	48.5	2.0	ug/kg	50.0		97	75-130			
Styrene	51.0	2.0	ug/kg	50.0		102	80-135			
1,1,1,2-Tetrachloroethane	52.3	5.0	ug/kg	50.0		105	70-145			
1,1,2,2-Tetrachloroethane	45.4	2.0	ug/kg	50.0		91	55-145			
Tetrachloroethene	49.6	2.0	ug/kg	50.0		99	80-125			
Toluene	45.8	2.0	ug/kg	50.0		92	75-120			
1,2,3-Trichlorobenzene	48.4	5.0	ug/kg	50.0		97	65-135			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K07011 Extracted: 11/07/03										
LCS Analyzed: 11/07/03 (3K07011-BS1)										
1,2,4-Trichlorobenzene	49.6	5.0	ug/kg	50.0		99	70-140			
1,1,1-Trichloroethane	51.7	2.0	ug/kg	50.0		103	75-140			
1,1,2-Trichloroethane	44.6	2.0	ug/kg	50.0		89	65-130			
Trichloroethene	47.7	2.0	ug/kg	50.0		95	75-125			
Trichlorofluoromethane	54.2	5.0	ug/kg	50.0		108	50-145			
1,2,3-Trichloropropane	44.0	10	ug/kg	50.0		88	55-140			
1,2,4-Trimethylbenzene	50.5	2.0	ug/kg	50.0		101	75-125			
1,3,5-Trimethylbenzene	49.8	2.0	ug/kg	50.0		100	80-125			
Vinyl chloride	47.2	5.0	ug/kg	50.0		94	45-130			
o-Xylene	47.1	2.0	ug/kg	50.0		94	75-125			
m,p-Xylenes	97.0	2.0	ug/kg	100		97	75-125			
Xylenes, Total	144	2.0	ug/kg	150		96	75-125			
Surrogate: Dibromofluoromethane	47.7		ug/kg	50.0		95	80-125			
Surrogate: Toluene-d8	47.9		ug/kg	50.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	47.1		ug/kg	50.0		94	80-120			
Matrix Spike Analyzed: 11/07/03 (3K07011-MS1)					Source: IMJ1597-12					
Benzene	43.2	2.0	ug/kg	50.0	ND	86	65-130			
Bromodichloromethane	52.8	2.0	ug/kg	50.0	ND	106	70-145			
Bromoform	51.2	5.0	ug/kg	50.0	ND	102	60-145			
Chlorobenzene	47.6	2.0	ug/kg	50.0	ND	95	80-130			
Chloroform	48.7	2.0	ug/kg	50.0	ND	97	70-130			
Dibromochloromethane	50.7	2.0	ug/kg	50.0	ND	101	65-145			
1,4-Dichlorobenzene	47.0	2.0	ug/kg	50.0	ND	94	75-130			
1,1-Dichloroethane	45.5	2.0	ug/kg	50.0	ND	91	70-135			
1,2-Dichloroethane	58.2	2.0	ug/kg	50.0	2.1	112	60-150			
1,1-Dichloroethene	47.9	5.0	ug/kg	50.0	ND	96	75-140			
Ethylbenzene	47.2	2.0	ug/kg	50.0	ND	94	70-130			
Methyl-tert-butyl Ether (MTBE)	46.8	5.0	ug/kg	50.0	ND	94	50-150			
Naphthalene	54.3	5.0	ug/kg	50.0	ND	109	40-160			
Tetrachloroethene	60.8	2.0	ug/kg	50.0	13	96	70-130			
Toluene	45.5	2.0	ug/kg	50.0	ND	91	70-125			
Trichloroethene	47.6	2.0	ug/kg	50.0	ND	95	70-140			
Vinyl chloride	46.9	5.0	ug/kg	50.0	ND	94	45-130			
o-Xylene	46.3	2.0	ug/kg	50.0	ND	93	70-125			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

VOLATILE ORGANICS with KETONES by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K07011 Extracted: 11/07/03										
Matrix Spike Analyzed: 11/07/03 (3K07011-MS1)					Source: IMJ1597-12					
m,p-Xylenes	93.9	2.0	ug/kg	100	ND	94	70-125			
Xylenes, Total	140	2.0	ug/kg	150	ND	93	70-125			
Surrogate: Dibromofluoromethane	50.4		ug/kg	50.0		101	80-125			
Surrogate: Toluene-d8	48.4		ug/kg	50.0		97	80-120			
Surrogate: 4-Bromofluorobenzene	48.7		ug/kg	50.0		97	80-120			
Matrix Spike Dup Analyzed: 11/07/03 (3K07011-MSD1)					Source: IMJ1597-12					
Benzene	42.3	2.0	ug/kg	50.0	ND	85	65-130	2	20	
Bromodichloromethane	49.4	2.0	ug/kg	50.0	ND	99	70-145	7	20	
Bromoform	43.2	5.0	ug/kg	50.0	ND	86	60-145	17	25	
Chlorobenzene	46.7	2.0	ug/kg	50.0	ND	93	80-130	2	20	
Chloroform	47.5	2.0	ug/kg	50.0	ND	95	70-130	2	20	
Dibromochloromethane	46.5	2.0	ug/kg	50.0	ND	93	65-145	9	25	
1,4-Dichlorobenzene	45.8	2.0	ug/kg	50.0	ND	92	75-130	3	20	
1,1-Dichloroethane	44.7	2.0	ug/kg	50.0	ND	89	70-135	2	20	
1,2-Dichloroethane	52.9	2.0	ug/kg	50.0	2.1	102	60-150	10	25	
1,1-Dichloroethene	45.8	5.0	ug/kg	50.0	ND	92	75-140	4	20	
Ethylbenzene	46.4	2.0	ug/kg	50.0	ND	93	70-130	2	20	
Methyl-tert-butyl Ether (MTBE)	39.5	5.0	ug/kg	50.0	ND	79	50-150	17	25	
Naphthalene	44.2	5.0	ug/kg	50.0	ND	88	40-160	21	25	
Tetrachloroethene	60.5	2.0	ug/kg	50.0	13	95	70-130	1	20	
Toluene	43.8	2.0	ug/kg	50.0	ND	88	70-125	4	20	
Trichloroethene	46.1	2.0	ug/kg	50.0	ND	92	70-140	3	20	
Vinyl chloride	46.3	5.0	ug/kg	50.0	ND	93	45-130	1	30	
o-Xylene	45.2	2.0	ug/kg	50.0	ND	90	70-125	2	20	
m,p-Xylenes	92.9	2.0	ug/kg	100	ND	93	70-125	1	20	
Xylenes, Total	138	2.0	ug/kg	150	ND	92	70-125	1	20	
Surrogate: Dibromofluoromethane	48.8		ug/kg	50.0		98	80-125			
Surrogate: Toluene-d8	48.0		ug/kg	50.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	47.2		ug/kg	50.0		94	80-120			

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Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3J30086 Extracted: 10/30/03										
Blank Analyzed: 11/04/03 (3J30086-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate: 1,4-Dioxane-d8	1.03		ug/l	2.00		52	35-120			
LCS Analyzed: 11/05/03 (3J30086-BS1)										
1,4-Dioxane	1.06	0.50	ug/l	2.00		53	35-120			
Surrogate: 1,4-Dioxane-d8	1.00		ug/l	2.00		50	35-120			
LCS Dup Analyzed: 11/04/03 (3J30086-BSD1)										M-NR1
1,4-Dioxane	1.33	0.50	ug/l	2.00		66	35-120	23	30	
Surrogate: 1,4-Dioxane-d8	1.28		ug/l	2.00		64	35-120			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: IMJ1597

Sampled: 10/28/03
Received: 10/29/03

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 3K01034 Extracted: 11/01/03										
Blank Analyzed: 11/04/03 (3K01034-BLK1)										
1,4-Dioxane	ND	25	ug/kg							
Surrogate: 1,4-Dioxane-d8	61.8		ug/kg	100		62	35-120			
LCS Analyzed: 11/04/03 (3K01034-BS1)										
1,4-Dioxane	70.0	25	ug/kg	100		70	40-140			
Surrogate: 1,4-Dioxane-d8	67.1		ug/kg	100		67	35-120			
Matrix Spike Analyzed: 11/04/03 (3K01034-MS1)					Source: IMJ1597-09					
1,4-Dioxane	69.0	25	ug/kg	100	ND	69	40-140			
Surrogate: 1,4-Dioxane-d8	64.5		ug/kg	100		64	35-120			
Matrix Spike Dup Analyzed: 11/04/03 (3K01034-MSD1)					Source: IMJ1597-09					
1,4-Dioxane	64.0	25	ug/kg	100	ND	64	40-140	8	30	
Surrogate: 1,4-Dioxane-d8	62.8		ug/kg	100		63	35-120			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/28/03
Irvine, CA 92612	Report Number: IMJ1597	Received: 10/29/03
Attention: Sharon Wallin		

DATA QUALIFIERS AND DEFINITIONS

M-HA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
M-NR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M3	Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 10/28/03
Irvine, CA 92612	Report Number: IMJ1597	Received: 10/29/03
Attention: Sharon Wallin		

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 8260B	Soil	X	X
EPA 8260B	Soil-extr	X	X
EPA 8260B	Water	X	X
EPA 8270C MOD	Soil	N/A	N/A
EPA 8270C	Water	X	X

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

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CHAIN OF CUSTODY FORM

Client Name/Address: CDM
18581 Teller Avenue Ste 200
Irvine CA 92612

P.O. #:

Project: Omega OSS
10500

Project Manager/Phone Number: S. Wallin

Phone Number: (949) 752-5452

Sampler: R. Douglas

Fax Number: (949) 752-1307

ANALYSIS REQUIRED

IMJ1597

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	8260B	1,4-d. oxane 8270								Special Instructions
OC-SB-GP2-500-102803	S	encore acetate	3 1	07:30	—	X	X								
OC-SB-GP2-065-102803	↓	encore acetate	3 1	08:41	—	X	X								
OC-SB-GP2-077-102803	↓	encore 8oz jar	3 1	10:07	—	X	X								
OC-SB-GP2-079-102803	↓	encore 8oz jar	3 1	09:59	—	X	X								
OC-SB-~~Mip1~~-700-102803	W	VOA	3	10:30	HCl	X	~~X~~								
↓ -GP3-	↓	1L Amber	1	↓	None		X								
OC-SB-~~Mip1A~~ GP3A-010-102803	S	encore acetate	3 1	13:27	—	X	X								
OC-SB-~~Mip1A~~ GP3A-020-102803	↓	encore acetate	3 1	13:35	—	X	X								
OC-SB-~~Mip1A~~ GP3A-032-102803	↓	8oz jar	1	14:05	—	X	X								
OC-SB-~~Mip1A~~ GP3A-045-102803	↓	encore acetate	3 1	14:11	—	X	X								
OC-SB-~~Mip1A~~ GP3A-055-102803	↓	encore acetate	3 1	14:51	—	X	X								
OC-SB-~~Mip1A~~ GP3A-065-102803	↓	encore acetate	3 1	15:12	—	X	X								
OC-SB-~~Mip1A~~ GP3A-078-102803	↓	8oz jar	1	16:30	—	X	X								
OC-SB-~~Mip1A~~ GP3A-085-102803	↓	encore acetate	3 1	16:37	—	X	X								

11/5/03

Relinquished By	Date/Time:	Received By	Date/Time:
[signature]	10/29/03 1535	[signature]	10-29-03 1535
[signature]	10.29.03 1540	[signature]	10-29-03 1540

Turnaround Time: (check)
Same Day _____ 72 Hours _____
24 Hours _____ 5 days _____
48 hours _____ normal X

Sample Integrity: (Check)
Intact YES On Ice: 3

PHYSICAL PROPERTIES DATA

PROJECT NAME: n/a
PROJECT NO: 10500-37240-T2.0SS.Field

	METHODOLOGY:	ASTM D2216	SM 2580B	EPA 9081	WALKLEY-BLACK	ASTM D5084	
						25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	REDOX (mV)	CATION EXCHANGE (meq/100g)	TOTAL ORGANIC CARBON (mg/kg)	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (2,3) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (2,3) (cm/s)
GP3A-015	15	v	18.2	260	10.0	2450	0.838	7.89E-07
GP3A-030	30	v	22.6	310	18.0	2900	0.035	3.32E-08
GP3A-057	57	v	35.9	260	11.0	1450	0.227	2.14E-07
GP3A-070	70	v	23.3	300	13.0	1750	0.051	4.66E-08
GP3A-084	84	v	20.8	270	10.0	1400	0.206	1.90E-07
GP2-015	15	v	16.3	260	6.1	1850	0.326	3.01E-07
GP2-033	33	v	17.0	280	10.0	970	0.390	3.62E-07
GP2-045	45	v	19.6	300	13.0	1250	0.042	3.92E-08
GP2-060	60	v	18.8	320	14.0	1500	0.015	1.39E-08
GP2-085	85	v	19.8	300	13.0	1100	0.311	2.92E-07
GP1-015	15	v	25.6	230	8.7	2700	0.461	4.35E-07
GP1-035	35	v	6.1	250	2.6	790	103	9.38E-05
GP1-055	55	v	19.0	290	14.0	2450	0.051	4.72E-08
GP1-070	70	v	24.5	260	14.0	2700	0.125	1.15E-07
GP1-080	80	v	17.4	240	17.0	2100	0.031	2.87E-08

(1) Sample Orientation: H = horizontal; V = vertical (2) Native State = As received with pore fluids in place (3) Permeability to water and conductivity measured at saturated conditions

PTS Laboratories, Inc.

CDM
PTS File No: 33735

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.0SS. Field

Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
GP3A-015	15	Silt	0.026	0.00	0.00	1.85	22.17	53.24	22.73	75.97
GP3A-030	30	Silt	0.024	0.00	0.00	0.46	19.03	58.66	21.84	80.50
GP3A-057	57	Silt	0.029	0.00	0.00	5.96	21.84	50.64	21.56	72.20
GP3A-070	70	Silt	0.020	0.00	0.00	1.78	21.47	52.95	23.81	76.75
GP3A-084	84	Silt	0.026	0.00	0.00	0.50	20.94	55.90	22.65	78.55
GP2-015	15	Silt	0.031	0.00	0.00	3.71	23.54	52.53	20.22	72.75
GP2-033	33	Silt	0.024	0.00	0.00	2.99	18.47	55.23	23.31	78.54
GP2-045	45	Silt	0.026	0.00	0.00	0.98	22.05	54.92	22.05	76.97
GP2-060	60	Silt	0.028	0.00	0.00	2.93	25.13	50.28	21.66	71.94
GP2-085	85	Silt	0.032	0.00	0.00	0.22	24.15	56.43	19.21	75.63
GP1-015	15	Silt	0.023	0.00	0.00	1.92	19.07	55.13	23.88	79.01
GP1-035	35	Medium sand	0.441	0.00	0.00	51.78	34.98	9.89	3.35	13.24
GP1-055	55	Silt	0.013	0.00	0.00	0.00	10.34	59.23	30.43	89.66
GP1-070	70	Silt	0.019	0.00	0.00	0.04	15.27	58.69	26.00	84.69
GP1-080	80	Silt	0.023	0.00	0.00	3.25	21.70	48.44	26.62	75.05

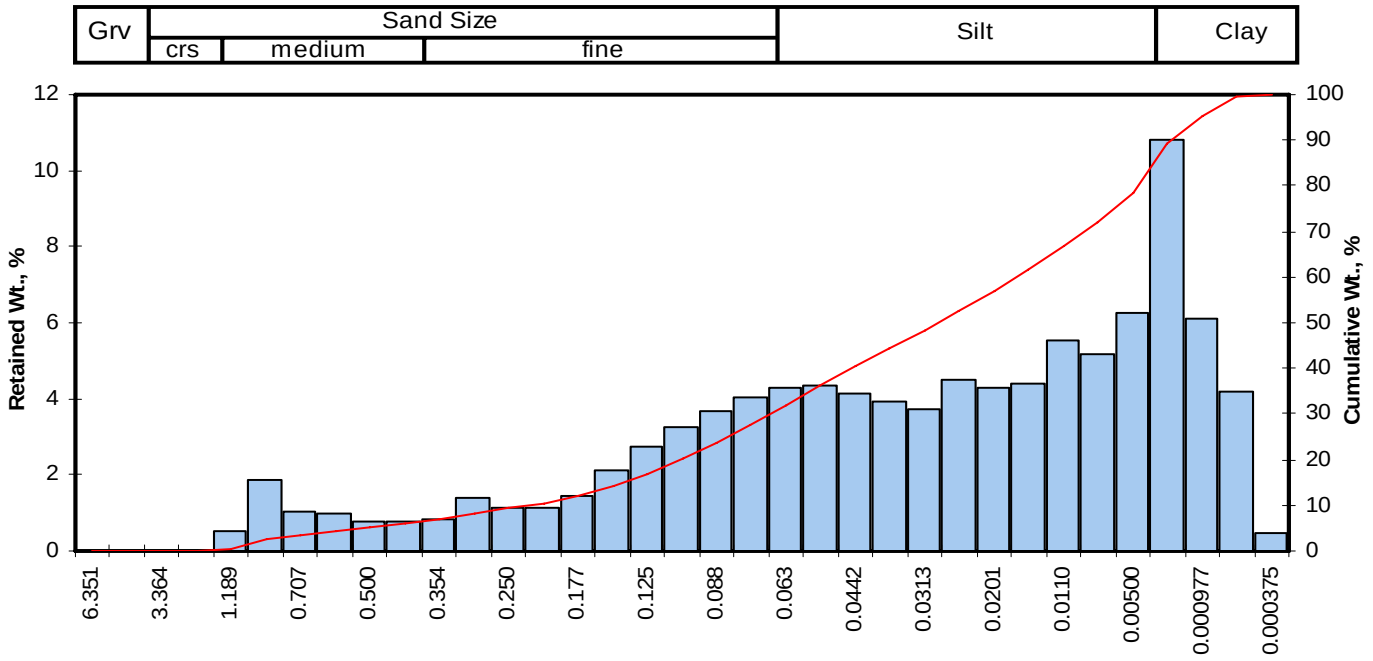
(1) Based on Mean from Trask

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP3A-057
Depth, ft: 57.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.52	0.52	0.52
0.0331	0.841	0.25	20	1.86	1.86	2.38
0.0278	0.707	0.50	25	1.04	1.04	3.42
0.0234	0.595	0.75	30	0.96	0.96	4.38
0.0197	0.500	1.00	35	0.79	0.79	5.17
0.0166	0.420	1.25	40	0.79	0.79	5.96
0.0139	0.354	1.50	45	0.83	0.83	6.79
0.0117	0.297	1.75	50	1.38	1.38	8.17
0.0098	0.250	2.00	60	1.16	1.16	9.33
0.0083	0.210	2.25	70	1.15	1.15	10.48
0.0070	0.177	2.50	80	1.45	1.45	11.93
0.0059	0.149	2.75	100	2.14	2.14	14.07
0.0049	0.125	3.00	120	2.76	2.76	16.83
0.0041	0.105	3.25	140	3.26	3.26	20.09
0.0035	0.088	3.50	170	3.66	3.66	23.75
0.0029	0.074	3.75	200	4.05	4.05	27.80
0.0025	0.063	4.00	230	4.29	4.29	32.09
0.0021	0.053	4.25	270	4.32	4.32	36.41
0.00174	0.0442	4.50	325	4.16	4.16	40.57
0.00146	0.0372	4.75	400	3.93	3.93	44.50
0.00123	0.0313	5.00	450	3.72	3.72	48.22
0.000986	0.0250	5.32	500	4.52	4.52	52.74
0.000790	0.0201	5.64	635	4.30	4.30	57.04
0.000615	0.0156	6.00		4.42	4.42	61.46
0.000435	0.0110	6.50		5.53	5.53	66.99
0.000308	0.00781	7.00		5.17	5.17	72.16
0.000197	0.00500	7.65		6.28	6.28	78.44
0.000077	0.00195	9.00		10.80	10.80	89.24
0.000038	0.000977	10.00		6.12	6.12	95.36
0.000019	0.000488	11.00		4.17	4.17	99.53
0.000015	0.000375	11.38		0.47	0.47	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.95	0.0204	0.519
10	2.15	0.0089	0.226
16	2.92	0.0052	0.132
25	3.58	0.0033	0.084
40	4.47	0.0018	0.045
50	5.13	0.0011	0.029
60	5.88	0.0007	0.017
75	7.29	0.0003	0.006
84	8.34	0.0001	0.003
90	9.12	0.0001	0.002
95	9.94	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.13	5.13	5.13
Median, in.	0.0011	0.0011	0.0011
Median, mm	0.029	0.029	0.029
Mean, phi	4.47	5.63	5.46
Mean, in.	0.0018	0.0008	0.0009
Mean, mm	0.045	0.020	0.023
Sorting	3.623	2.709	2.717
Skewness	0.808	0.187	0.129
Kurtosis	0.173	0.660	0.992

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	5.96
Fine Sand	200	21.84
Silt	>0.005 mm	50.64
Clay	<0.005 mm	21.56
	Total	**100**

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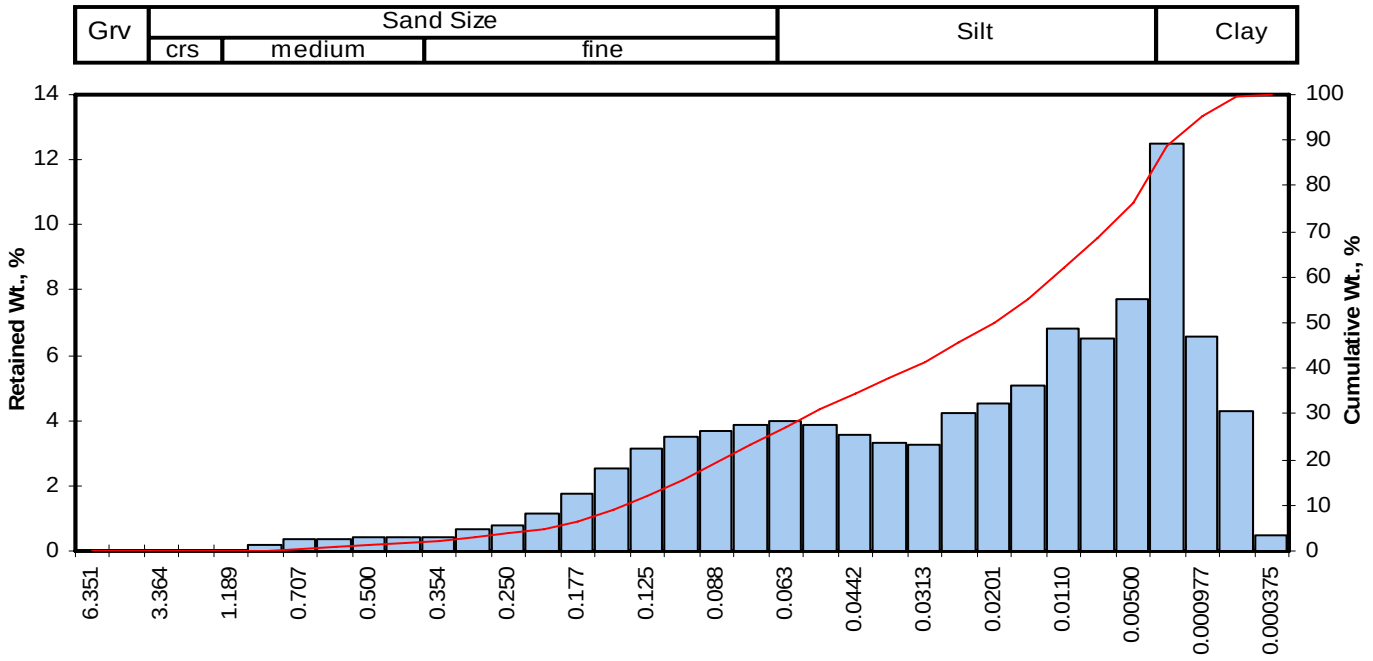
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP3A-070
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	70.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.20	0.20	0.20
0.0278	0.707	0.50	25	0.37	0.37	0.57
0.0234	0.595	0.75	30	0.39	0.39	0.96
0.0197	0.500	1.00	35	0.40	0.40	1.36
0.0166	0.420	1.25	40	0.42	0.42	1.78
0.0139	0.354	1.50	45	0.40	0.40	2.18
0.0117	0.297	1.75	50	0.69	0.69	2.87
0.0098	0.250	2.00	60	0.80	0.80	3.67
0.0083	0.210	2.25	70	1.16	1.16	4.83
0.0070	0.177	2.50	80	1.72	1.72	6.55
0.0059	0.149	2.75	100	2.52	2.52	9.07
0.0049	0.125	3.00	120	3.13	3.13	12.20
0.0041	0.105	3.25	140	3.47	3.47	15.67
0.0035	0.088	3.50	170	3.68	3.68	19.36
0.0029	0.074	3.75	200	3.89	3.89	23.25
0.0025	0.063	4.00	230	3.99	3.99	27.24
0.0021	0.053	4.25	270	3.86	3.86	31.10
0.00174	0.0442	4.50	325	3.58	3.58	34.68
0.00146	0.0372	4.75	400	3.33	3.33	38.01
0.00123	0.0313	5.00	450	3.24	3.24	41.25
0.000986	0.0250	5.32	500	4.25	4.25	45.50
0.000790	0.0201	5.64	635	4.52	4.52	50.03
0.000615	0.0156	6.00		5.08	5.08	55.11
0.000435	0.0110	6.50		6.82	6.82	61.93
0.000308	0.00781	7.00		6.52	6.52	68.45
0.000197	0.00500	7.65		7.74	7.74	76.19
0.000077	0.00195	9.00		12.50	12.50	88.70
0.000038	0.000977	10.00		6.55	6.55	95.25
0.000019	0.000488	11.00		4.27	4.27	99.52
0.000015	0.000375	11.38		0.48	0.48	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.27	0.0081	0.207
10	2.82	0.0056	0.141
16	3.27	0.0041	0.104
25	3.86	0.0027	0.069
40	4.90	0.0013	0.033
50	5.64	0.0008	0.020
60	6.36	0.0005	0.012
75	7.55	0.0002	0.005
84	8.49	0.0001	0.003
90	9.20	0.0001	0.002
95	9.96	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.64	5.64	5.64
Median, in.	0.0008	0.0008	0.0008
Median, mm	0.020	0.020	0.020
Mean, phi	4.75	5.88	5.80
Mean, in.	0.0015	0.0007	0.0007
Mean, mm	0.037	0.017	0.018
Sorting	3.587	2.609	2.470
Skewness	0.956	0.093	0.109
Kurtosis	0.228	0.473	0.855
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	1.78
Fine Sand	200	21.47
Silt	>0.005 mm	52.95
Clay	<0.005 mm	23.81
	Total	**100**

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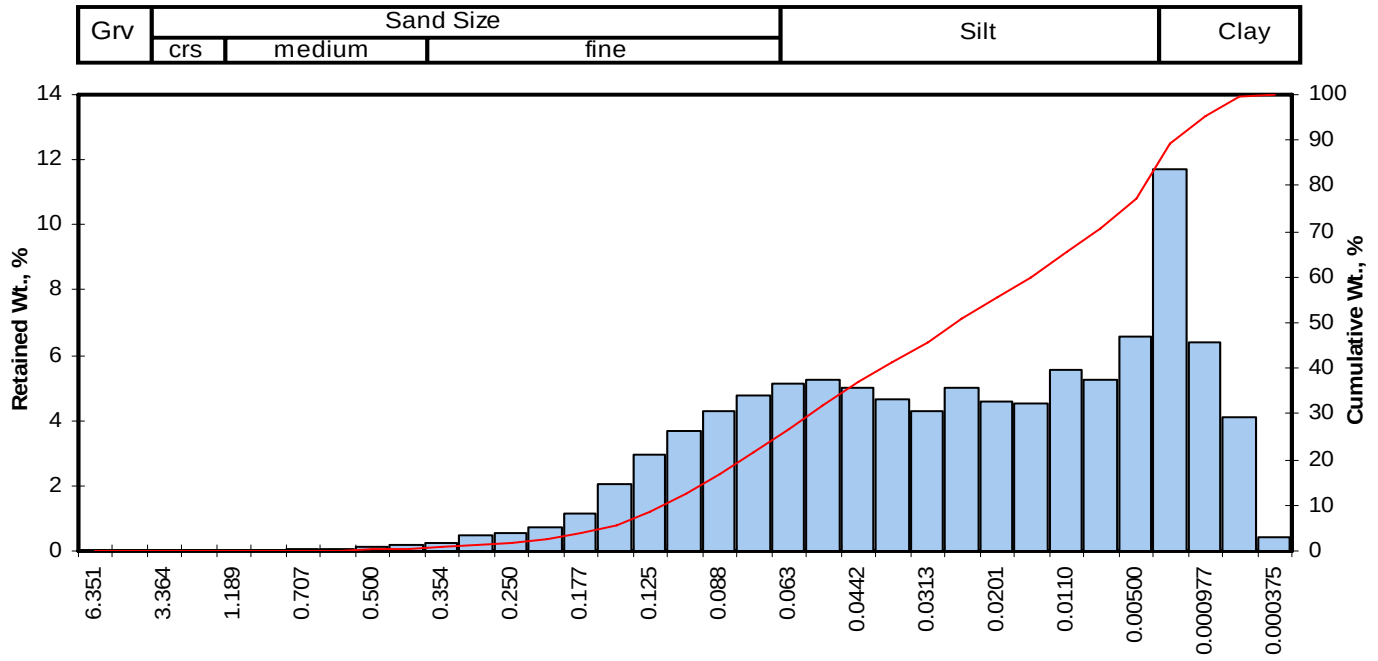
Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP3A-084
Depth, ft: 84.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.02	0.02	0.02
0.0278	0.707	0.50	25	0.04	0.04	0.06
0.0234	0.595	0.75	30	0.09	0.09	0.15
0.0197	0.500	1.00	35	0.15	0.15	0.30
0.0166	0.420	1.25	40	0.20	0.20	0.50
0.0139	0.354	1.50	45	0.24	0.24	0.74
0.0117	0.297	1.75	50	0.50	0.50	1.24
0.0098	0.250	2.00	60	0.57	0.57	1.81
0.0083	0.210	2.25	70	0.74	0.74	2.55
0.0070	0.177	2.50	80	1.16	1.16	3.71
0.0059	0.149	2.75	100	2.03	2.03	5.74
0.0049	0.125	3.00	120	2.96	2.96	8.70
0.0041	0.105	3.25	140	3.71	3.71	12.41
0.0035	0.088	3.50	170	4.27	4.27	16.68
0.0029	0.074	3.75	200	4.77	4.77	21.45
0.0025	0.063	4.00	230	5.15	5.15	26.60
0.0021	0.053	4.25	270	5.25	5.25	31.85
0.00174	0.0442	4.50	325	5.04	5.04	36.89
0.00146	0.0372	4.75	400	4.65	4.65	41.53
0.00123	0.0313	5.00	450	4.27	4.27	45.80
0.000986	0.0250	5.32	500	5.04	5.04	50.84
0.000790	0.0201	5.64	635	4.59	4.59	55.43
0.000615	0.0156	6.00		4.53	4.53	59.96
0.000435	0.0110	6.50		5.56	5.56	65.52
0.000308	0.00781	7.00		5.27	5.27	70.79
0.000197	0.00500	7.65		6.56	6.56	77.35
0.000077	0.00195	9.00		11.70	11.70	89.04
0.000038	0.000977	10.00		6.41	6.41	95.45
0.000019	0.000488	11.00		4.10	4.10	99.55
0.000015	0.000375	11.38		0.45	0.45	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.66	0.0062	0.158
10	3.09	0.0046	0.118
16	3.46	0.0036	0.091
25	3.92	0.0026	0.066
40	4.67	0.0015	0.039
50	5.27	0.0010	0.026
60	6.00	0.0006	0.016
75	7.41	0.0002	0.006
84	8.42	0.0001	0.003
90	9.15	0.0001	0.002
95	9.93	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.27	5.27	5.27
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.026	0.026	0.026
Mean, phi	4.80	5.94	5.71
Mean, in.	0.0014	0.0006	0.0007
Mean, mm	0.036	0.016	0.019
Sorting	3.354	2.478	2.341
Skewness	0.757	0.271	0.277
Kurtosis	0.259	0.467	0.853

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.50
Fine Sand	200	20.94
Silt	>0.005 mm	55.90
Clay	<0.005 mm	22.65
	Total	**100**

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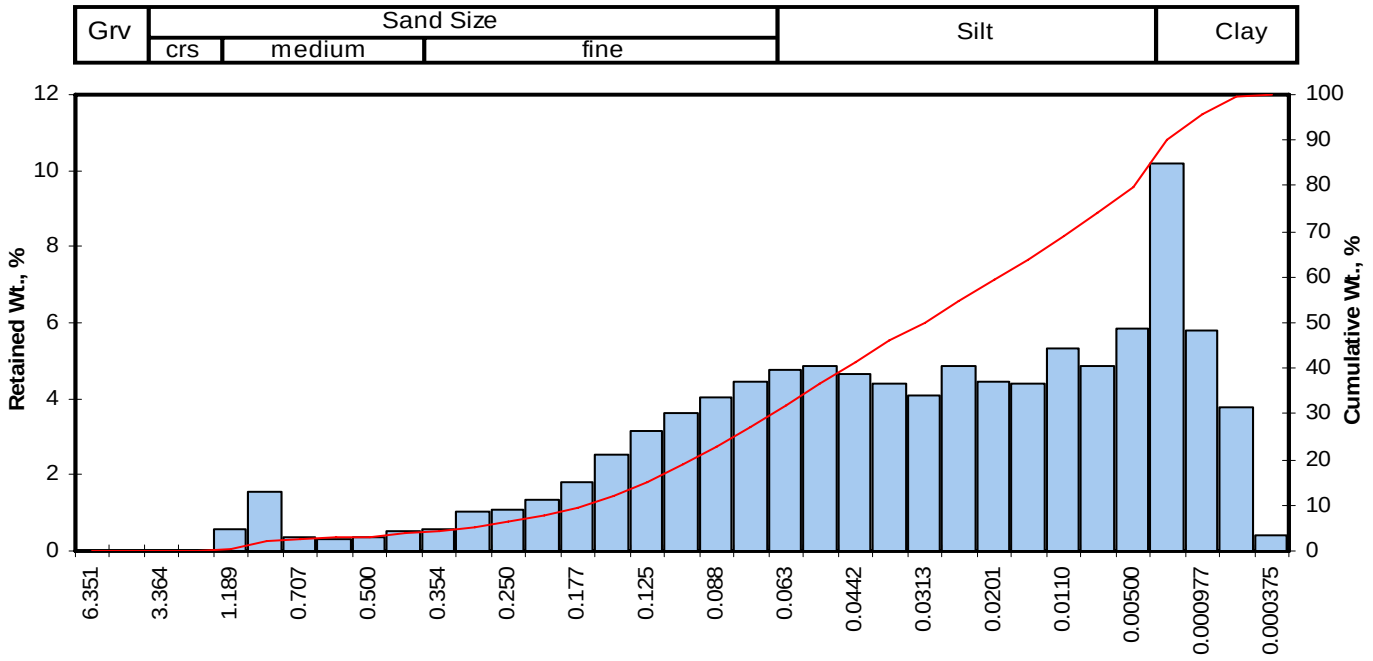
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-015
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	15.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.58	0.58	0.58
0.0331	0.841	0.25	20	1.56	1.56	2.14
0.0278	0.707	0.50	25	0.38	0.38	2.52
0.0234	0.595	0.75	30	0.30	0.30	2.82
0.0197	0.500	1.00	35	0.37	0.37	3.19
0.0166	0.420	1.25	40	0.52	0.52	3.71
0.0139	0.354	1.50	45	0.58	0.58	4.29
0.0117	0.297	1.75	50	1.03	1.03	5.32
0.0098	0.250	2.00	60	1.07	1.07	6.39
0.0083	0.210	2.25	70	1.34	1.34	7.73
0.0070	0.177	2.50	80	1.80	1.80	9.53
0.0059	0.149	2.75	100	2.51	2.51	12.04
0.0049	0.125	3.00	120	3.13	3.13	15.17
0.0041	0.105	3.25	140	3.61	3.61	18.78
0.0035	0.088	3.50	170	4.02	4.02	22.80
0.0029	0.074	3.75	200	4.45	4.45	27.25
0.0025	0.063	4.00	230	4.76	4.76	32.01
0.0021	0.053	4.25	270	4.84	4.84	36.85
0.00174	0.0442	4.50	325	4.68	4.68	41.53
0.00146	0.0372	4.75	400	4.40	4.40	45.93
0.00123	0.0313	5.00	450	4.10	4.10	50.03
0.000986	0.0250	5.32	500	4.87	4.87	54.90
0.000790	0.0201	5.64	635	4.46	4.46	59.36
0.000615	0.0156	6.00		4.40	4.40	63.76
0.000435	0.0110	6.50		5.31	5.31	69.07
0.000308	0.00781	7.00		4.86	4.86	73.93
0.000197	0.00500	7.65		5.85	5.85	79.78
0.000077	0.00195	9.00		10.20	10.20	89.98
0.000038	0.000977	10.00		5.80	5.80	95.78
0.000019	0.000488	11.00		3.80	3.80	99.58
0.000015	0.000375	11.38		0.42	0.42	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.67	0.0124	0.314
10	2.55	0.0067	0.171
16	3.06	0.0047	0.120
25	3.62	0.0032	0.081
40	4.42	0.0018	0.047
50	5.00	0.0012	0.031
60	5.69	0.0008	0.019
75	7.12	0.0003	0.007
84	8.21	0.0001	0.003
90	9.00	0.0001	0.002
95	9.87	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.00	5.00	5.00
Median, in.	0.0012	0.0012	0.0012
Median, mm	0.031	0.031	0.031
Mean, phi	4.50	5.63	5.42
Mean, in.	0.0017	0.0008	0.0009
Mean, mm	0.044	0.020	0.023
Sorting	3.357	2.574	2.528
Skewness	0.772	0.246	0.217
Kurtosis	0.218	0.591	0.961
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	3.71
Fine Sand	200	23.54
Silt	>0.005 mm	52.53
Clay	<0.005 mm	20.22
	Total	**100**

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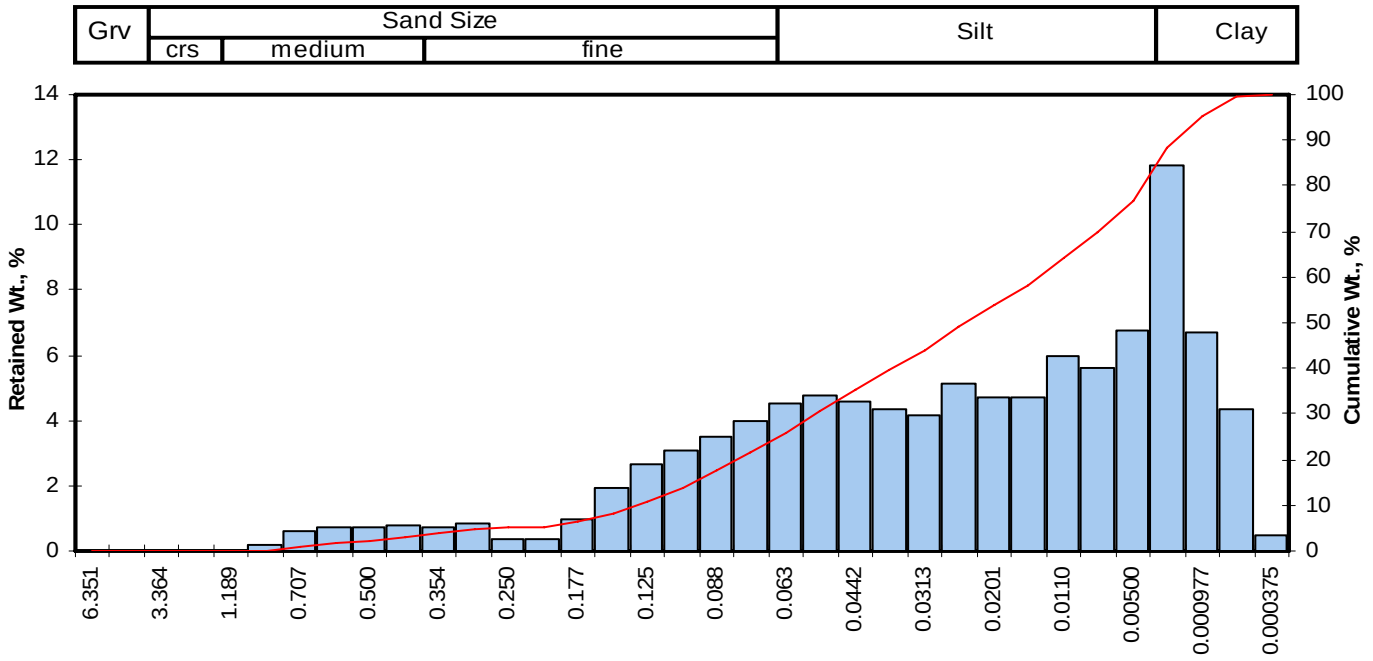
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-033
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	33.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.20	0.20	0.20
0.0278	0.707	0.50	25	0.58	0.58	0.78
0.0234	0.595	0.75	30	0.74	0.74	1.52
0.0197	0.500	1.00	35	0.70	0.70	2.22
0.0166	0.420	1.25	40	0.77	0.77	2.99
0.0139	0.354	1.50	45	0.74	0.74	3.73
0.0117	0.297	1.75	50	0.86	0.86	4.59
0.0098	0.250	2.00	60	0.37	0.37	4.96
0.0083	0.210	2.25	70	0.37	0.37	5.33
0.0070	0.177	2.50	80	0.95	0.95	6.28
0.0059	0.149	2.75	100	1.96	1.96	8.24
0.0049	0.125	3.00	120	2.66	2.66	10.90
0.0041	0.105	3.25	140	3.09	3.09	13.99
0.0035	0.088	3.50	170	3.47	3.47	17.46
0.0029	0.074	3.75	200	4.00	4.00	21.46
0.0025	0.063	4.00	230	4.52	4.52	25.98
0.0021	0.053	4.25	270	4.74	4.74	30.72
0.00174	0.0442	4.50	325	4.61	4.61	35.33
0.00146	0.0372	4.75	400	4.37	4.37	39.70
0.00123	0.0313	5.00	450	4.19	4.19	43.89
0.000986	0.0250	5.32	500	5.12	5.12	49.01
0.000790	0.0201	5.64	635	4.69	4.69	53.70
0.000615	0.0156	6.00		4.69	4.69	58.39
0.000435	0.0110	6.50		5.97	5.97	64.36
0.000308	0.00781	7.00		5.59	5.59	69.95
0.000197	0.00500	7.65		6.74	6.74	76.69
0.000077	0.00195	9.00		11.80	11.80	88.49
0.000038	0.000977	10.00		6.72	6.72	95.21
0.000019	0.000488	11.00		4.32	4.32	99.53
0.000015	0.000375	11.38		0.47	0.47	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.03	0.0097	0.245
10	2.92	0.0052	0.133
16	3.39	0.0037	0.095
25	3.95	0.0026	0.065
40	4.77	0.0014	0.037
50	5.39	0.0009	0.024
60	6.13	0.0006	0.014
75	7.48	0.0002	0.006
84	8.48	0.0001	0.003
90	9.22	0.0001	0.002
95	9.97	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.39	5.39	5.39
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.024	0.024	0.024
Mean, phi	4.83	5.94	5.76
Mean, in.	0.0014	0.0006	0.0007
Mean, mm	0.035	0.016	0.019
Sorting	3.408	2.545	2.476
Skewness	0.797	0.217	0.185
Kurtosis	0.227	0.560	0.920

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	2.99
Fine Sand	200	18.47
Silt	>0.005 mm	55.23
Clay	<0.005 mm	23.31
	Total	**100**

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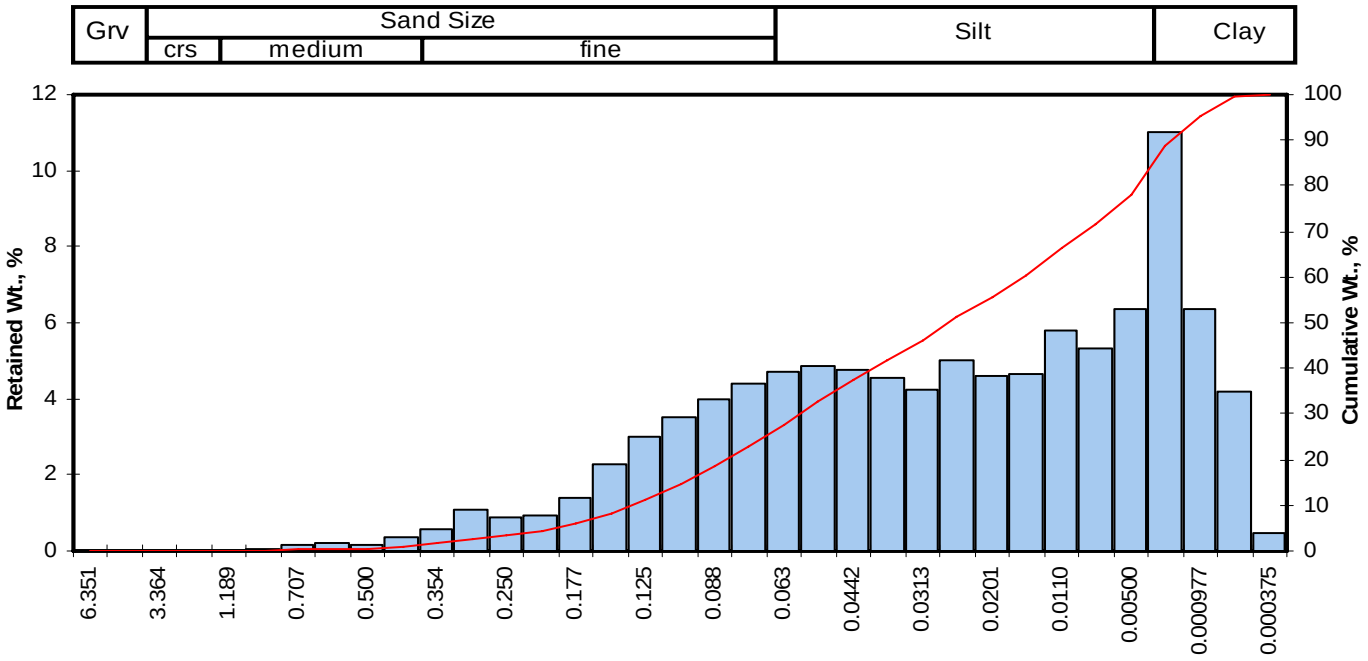
Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP2-045
Depth, ft: 45.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.06	0.06	0.06
0.0278	0.707	0.50	25	0.18	0.18	0.24
0.0234	0.595	0.75	30	0.20	0.20	0.44
0.0197	0.500	1.00	35	0.18	0.18	0.62
0.0166	0.420	1.25	40	0.36	0.36	0.98
0.0139	0.354	1.50	45	0.58	0.58	1.56
0.0117	0.297	1.75	50	1.08	1.08	2.64
0.0098	0.250	2.00	60	0.89	0.89	3.53
0.0083	0.210	2.25	70	0.94	0.94	4.47
0.0070	0.177	2.50	80	1.38	1.38	5.85
0.0059	0.149	2.75	100	2.25	2.25	8.11
0.0049	0.125	3.00	120	2.99	2.99	11.10
0.0041	0.105	3.25	140	3.54	3.54	14.64
0.0035	0.088	3.50	170	3.98	3.98	18.62
0.0029	0.074	3.75	200	4.41	4.41	23.03
0.0025	0.063	4.00	230	4.72	4.72	27.76
0.0021	0.053	4.25	270	4.85	4.85	32.61
0.00174	0.0442	4.50	325	4.77	4.77	37.38
0.00146	0.0372	4.75	400	4.53	4.53	41.91
0.00123	0.0313	5.00	450	4.23	4.23	46.14
0.000986	0.0250	5.32	500	5.02	5.02	51.17
0.000790	0.0201	5.64	635	4.62	4.62	55.79
0.000615	0.0156	6.00		4.65	4.65	60.44
0.000435	0.0110	6.50		5.78	5.78	66.22
0.000308	0.00781	7.00		5.34	5.34	71.57
0.000197	0.00500	7.65		6.38	6.38	77.95
0.000077	0.00195	9.00		11.00	11.01	88.95
0.000038	0.000977	10.00		6.38	6.38	95.34
0.000019	0.000488	11.00		4.20	4.20	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	2.35	0.0077	0.197
10	2.91	0.0052	0.133
16	3.34	0.0039	0.099
25	3.85	0.0027	0.069
40	4.64	0.0016	0.040
50	5.25	0.0010	0.026
60	5.97	0.0006	0.016
75	7.35	0.0002	0.006
84	8.39	0.0001	0.003
90	9.16	0.0001	0.002
95	9.95	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.25	5.25	5.25
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.026	0.026	0.026
Mean, phi	4.73	5.86	5.66
Mean, in.	0.0015	0.0007	0.0008
Mean, mm	0.038	0.017	0.020
Sorting	3.355	2.527	2.415
Skewness	0.782	0.244	0.241
Kurtosis	0.240	0.504	0.892

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.98
Fine Sand	200	22.05
Silt	>0.005 mm	54.92
Clay	<0.005 mm	22.05
	Total	**100**

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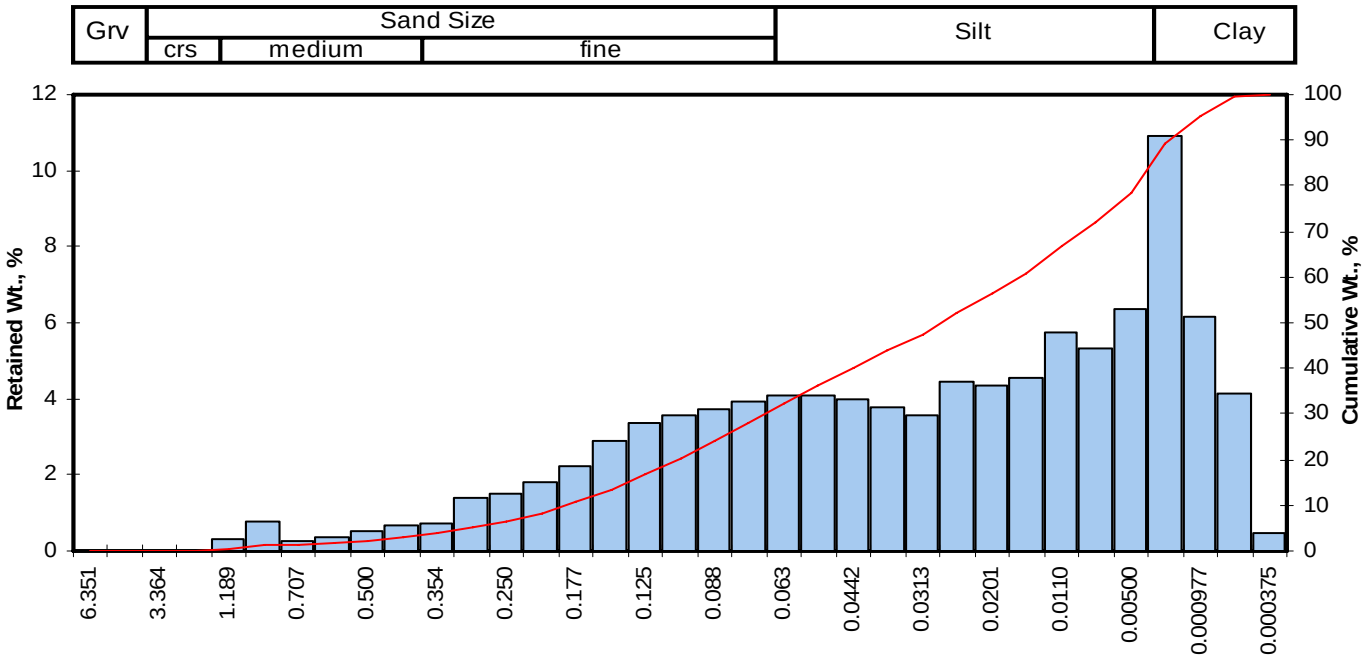
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-060
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	60.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.32	0.32	0.32
0.0331	0.841	0.25	20	0.80	0.80	1.12
0.0278	0.707	0.50	25	0.26	0.26	1.38
0.0234	0.595	0.75	30	0.35	0.35	1.73
0.0197	0.500	1.00	35	0.51	0.51	2.24
0.0166	0.420	1.25	40	0.69	0.69	2.93
0.0139	0.354	1.50	45	0.75	0.75	3.68
0.0117	0.297	1.75	50	1.38	1.38	5.06
0.0098	0.250	2.00	60	1.49	1.49	6.55
0.0083	0.210	2.25	70	1.81	1.81	8.36
0.0070	0.177	2.50	80	2.24	2.24	10.60
0.0059	0.149	2.75	100	2.89	2.89	13.49
0.0049	0.125	3.00	120	3.35	3.35	16.84
0.0041	0.105	3.25	140	3.59	3.59	20.43
0.0035	0.088	3.50	170	3.72	3.72	24.15
0.0029	0.074	3.75	200	3.91	3.91	28.06
0.0025	0.063	4.00	230	4.08	4.08	32.14
0.0021	0.053	4.25	270	4.11	4.11	36.25
0.00174	0.0442	4.50	325	3.97	3.97	40.22
0.00146	0.0372	4.75	400	3.76	3.76	43.98
0.00123	0.0313	5.00	450	3.59	3.59	47.57
0.000986	0.0250	5.32	500	4.46	4.46	52.02
0.000790	0.0201	5.64	635	4.35	4.35	56.37
0.000615	0.0156	6.00		4.55	4.55	60.92
0.000435	0.0110	6.50		5.75	5.75	66.67
0.000308	0.00781	7.00		5.32	5.32	71.99
0.000197	0.00500	7.65		6.35	6.35	78.34
0.000077	0.00195	9.00		10.90	10.90	89.24
0.000038	0.000977	10.00		6.16	6.16	95.40
0.000019	0.000488	11.00		4.14	4.14	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.74	0.0118	0.300
10	2.43	0.0073	0.185
16	2.94	0.0051	0.131
25	3.55	0.0034	0.085
40	4.49	0.0018	0.045
50	5.17	0.0011	0.028
60	5.93	0.0006	0.016
75	7.31	0.0002	0.006
84	8.35	0.0001	0.003
90	9.12	0.0001	0.002
95	9.93	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.17	5.17	5.17
Median, in.	0.0011	0.0011	0.0011
Median, mm	0.028	0.028	0.028
Mean, phi	4.45	5.64	5.49
Mean, in.	0.0018	0.0008	0.0009
Mean, mm	0.046	0.020	0.022
Sorting	3.669	2.705	2.595
Skewness	0.838	0.173	0.167
Kurtosis	0.215	0.515	0.895

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	2.93
Fine Sand	200	25.13
Silt	>0.005 mm	50.28
Clay	<0.005 mm	21.66
	Total	**100**

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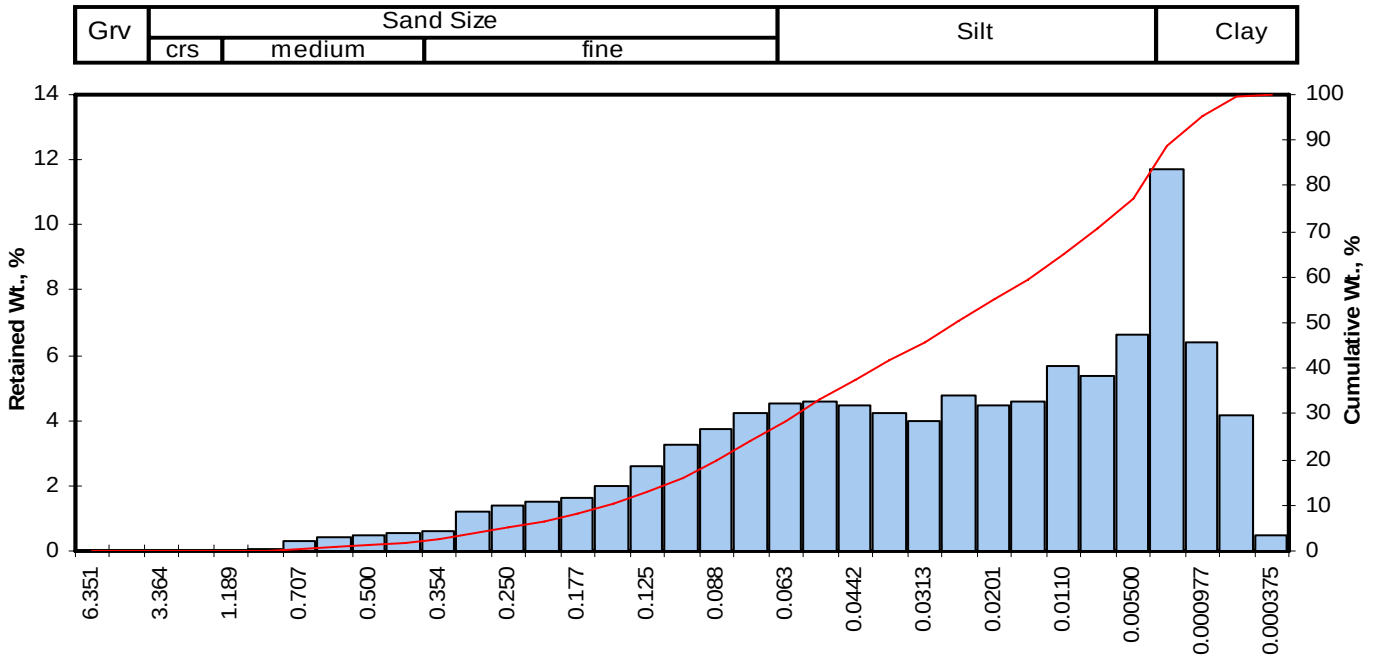
Particle Size Analysis - ASTM D4464M

Client: CDM
Project: N/A
Project No: 10500-37240-T2.0SS. Field

PTS File No: 33735
Sample ID: GP3A-015
Depth, ft: 15.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.07	0.07	0.07
0.0278	0.707	0.50	25	0.28	0.28	0.35
0.0234	0.595	0.75	30	0.45	0.45	0.80
0.0197	0.500	1.00	35	0.50	0.50	1.30
0.0166	0.420	1.25	40	0.55	0.55	1.85
0.0139	0.354	1.50	45	0.60	0.60	2.45
0.0117	0.297	1.75	50	1.23	1.23	3.68
0.0098	0.250	2.00	60	1.38	1.38	5.06
0.0083	0.210	2.25	70	1.51	1.51	6.58
0.0070	0.177	2.50	80	1.61	1.61	8.19
0.0059	0.149	2.75	100	2.02	2.02	10.21
0.0049	0.125	3.00	120	2.62	2.62	12.83
0.0041	0.105	3.25	140	3.24	3.24	16.07
0.0035	0.088	3.50	170	3.75	3.75	19.82
0.0029	0.074	3.75	200	4.21	4.21	24.03
0.0025	0.063	4.00	230	4.50	4.50	28.53
0.0021	0.053	4.25	270	4.57	4.57	33.10
0.00174	0.0442	4.50	325	4.45	4.45	37.55
0.00146	0.0372	4.75	400	4.22	4.22	41.77
0.00123	0.0313	5.00	450	3.96	3.96	45.73
0.000986	0.0250	5.32	500	4.76	4.76	50.49
0.000790	0.0201	5.64	635	4.49	4.49	54.98
0.000615	0.0156	6.00		4.56	4.56	59.54
0.000435	0.0110	6.50		5.69	5.69	65.23
0.000308	0.00781	7.00		5.38	5.38	70.62
0.000197	0.00500	7.65		6.65	6.65	77.27
0.000077	0.00195	9.00		11.70	11.70	88.97
0.000038	0.000977	10.00		6.40	6.40	95.37
0.000019	0.000488	11.00		4.17	4.17	99.54
0.000015	0.000375	11.38		0.46	0.46	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.99	0.0099	0.252
10	2.72	0.0060	0.151
16	3.24	0.0042	0.105
25	3.80	0.0028	0.072
40	4.65	0.0016	0.040
50	5.29	0.0010	0.026
60	6.04	0.0006	0.015
75	7.43	0.0002	0.006
84	8.42	0.0001	0.003
90	9.16	0.0001	0.002
95	9.94	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.29	5.29	5.29
Median, in.	0.0010	0.0010	0.0010
Median, mm	0.026	0.026	0.026
Mean, phi	4.69	5.83	5.65
Mean, in.	0.0015	0.0007	0.0008
Mean, mm	0.039	0.018	0.020
Sorting	3.508	2.590	2.500
Skewness	0.797	0.212	0.191
Kurtosis	0.220	0.536	0.900

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	1.85
Fine Sand	200	22.17
Silt	>0.005 mm	53.24
Clay	<0.005 mm	22.73
	Total	**100**

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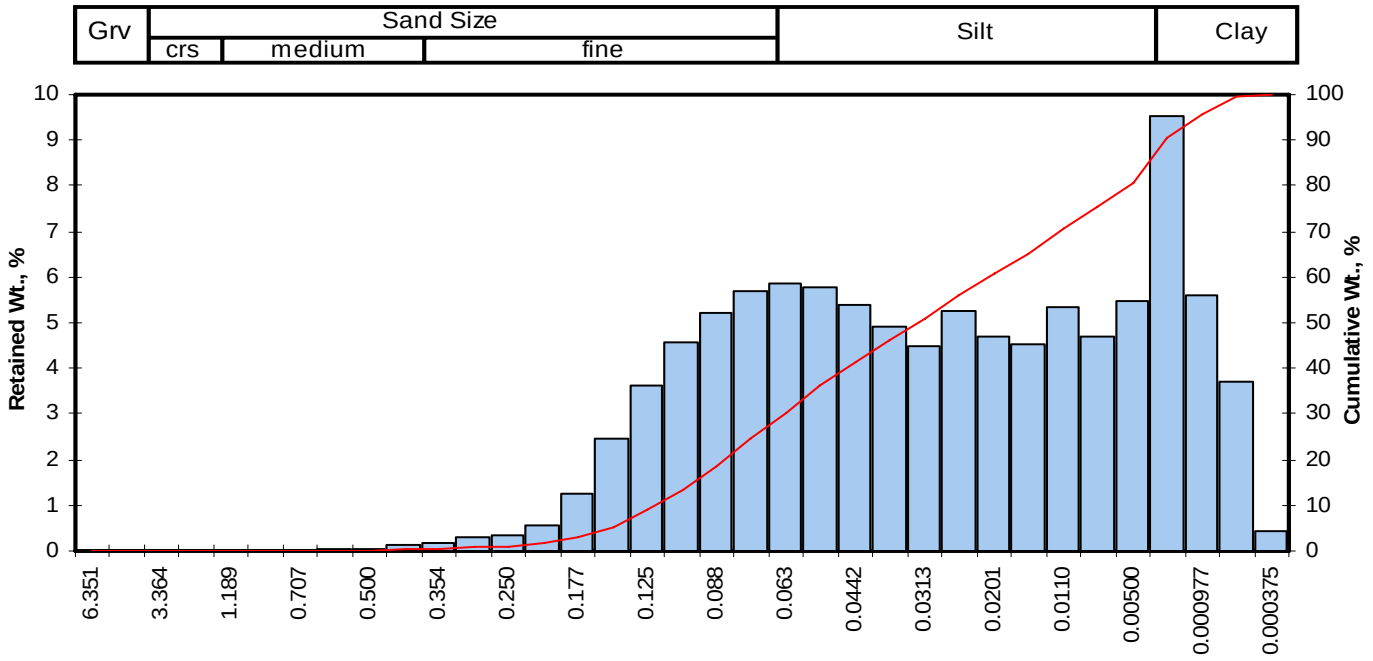
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP2-085
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	85.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.01	0.01	0.01
0.0234	0.595	0.75	30	0.03	0.03	0.04
0.0197	0.500	1.00	35	0.06	0.06	0.10
0.0166	0.420	1.25	40	0.12	0.12	0.22
0.0139	0.354	1.50	45	0.17	0.17	0.39
0.0117	0.297	1.75	50	0.32	0.32	0.71
0.0098	0.250	2.00	60	0.33	0.33	1.04
0.0083	0.210	2.25	70	0.57	0.57	1.61
0.0070	0.177	2.50	80	1.23	1.23	2.84
0.0059	0.149	2.75	100	2.44	2.44	5.28
0.0049	0.125	3.00	120	3.64	3.64	8.92
0.0041	0.105	3.25	140	4.57	4.57	13.49
0.0035	0.088	3.50	170	5.21	5.21	18.70
0.0029	0.074	3.75	200	5.67	5.67	24.37
0.0025	0.063	4.00	230	5.87	5.87	30.24
0.0021	0.053	4.25	270	5.76	5.76	35.99
0.00174	0.0442	4.50	325	5.39	5.39	41.38
0.00146	0.0372	4.75	400	4.93	4.93	46.31
0.00123	0.0313	5.00	450	4.50	4.50	50.81
0.000986	0.0250	5.32	500	5.24	5.24	56.05
0.000790	0.0201	5.64	635	4.68	4.68	60.73
0.000615	0.0156	6.00		4.53	4.53	65.26
0.000435	0.0110	6.50		5.34	5.34	70.60
0.000308	0.00781	7.00		4.70	4.70	75.30
0.000197	0.00500	7.65		5.49	5.49	80.79
0.000077	0.00195	9.00		9.52	9.52	90.31
0.000038	0.000977	10.00		5.59	5.59	95.90
0.000019	0.000488	11.00		3.69	3.69	99.59
0.000015	0.000375	11.38		0.41	0.41	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	2.72	0.0060	0.152
10	3.06	0.0047	0.120
16	3.37	0.0038	0.097
25	3.78	0.0029	0.073
40	4.44	0.0018	0.046
50	4.95	0.0013	0.032
60	5.59	0.0008	0.021
75	6.97	0.0003	0.008
84	8.10	0.0001	0.004
90	8.96	0.0001	0.002
95	9.84	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	4.95	4.95	4.95
Median, in.	0.0013	0.0013	0.0013
Median, mm	0.032	0.032	0.032
Mean, phi	4.63	5.74	5.48
Mean, in.	0.0016	0.0007	0.0009
Mean, mm	0.040	0.019	0.022
Sorting	3.022	2.366	2.261
Skewness	0.749	0.330	0.351
Kurtosis	0.275	0.504	0.914

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.22
Fine Sand	200	24.15
Silt	>0.005 mm	56.43
Clay	<0.005 mm	19.21
	Total	**100**

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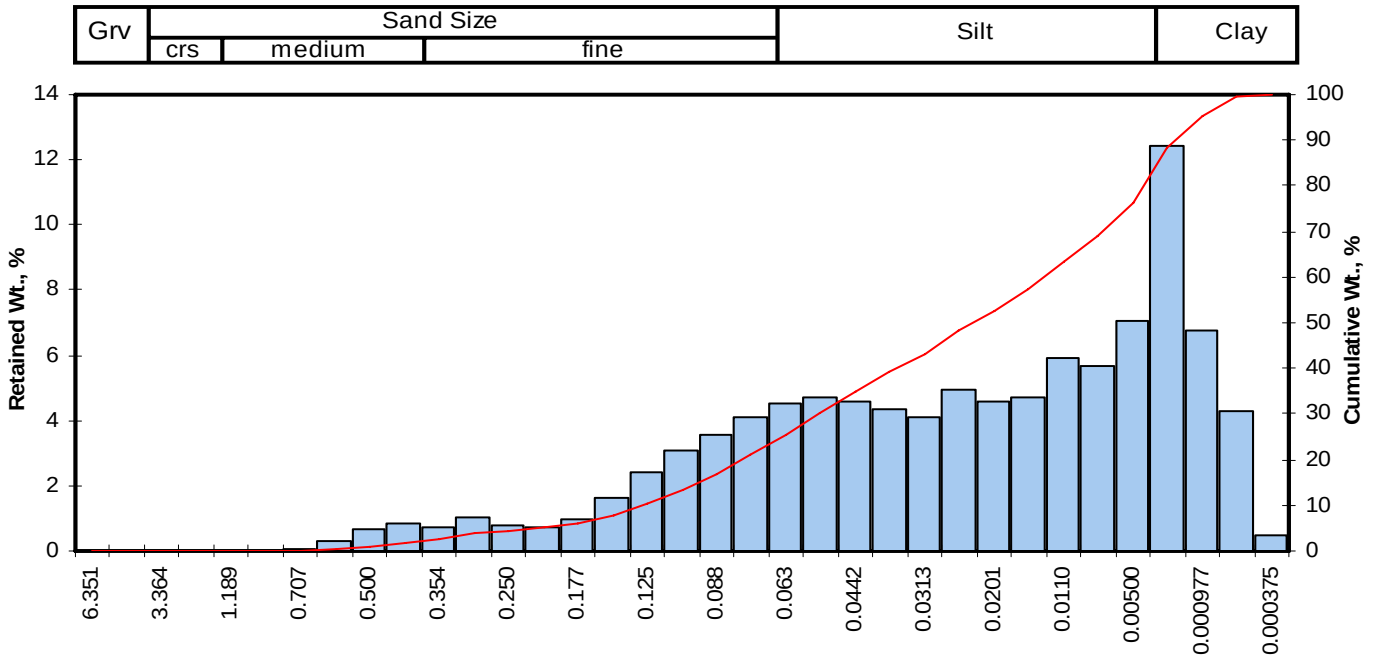
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-015
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	15.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.06	0.06	0.06
0.0234	0.595	0.75	30	0.32	0.32	0.38
0.0197	0.500	1.00	35	0.69	0.69	1.07
0.0166	0.420	1.25	40	0.85	0.85	1.92
0.0139	0.354	1.50	45	0.75	0.75	2.67
0.0117	0.297	1.75	50	1.01	1.01	3.68
0.0098	0.250	2.00	60	0.78	0.78	4.46
0.0083	0.210	2.25	70	0.75	0.75	5.21
0.0070	0.177	2.50	80	0.98	0.98	6.19
0.0059	0.149	2.75	100	1.64	1.64	7.83
0.0049	0.125	3.00	120	2.41	2.41	10.24
0.0041	0.105	3.25	140	3.05	3.05	13.29
0.0035	0.088	3.50	170	3.58	3.58	16.87
0.0029	0.074	3.75	200	4.12	4.12	20.99
0.0025	0.063	4.00	230	4.54	4.54	25.53
0.0021	0.053	4.25	270	4.69	4.69	30.22
0.00174	0.0442	4.50	325	4.57	4.57	34.79
0.00146	0.0372	4.75	400	4.34	4.34	39.14
0.00123	0.0313	5.00	450	4.09	4.09	43.23
0.000986	0.0250	5.32	500	4.93	4.93	48.16
0.000790	0.0201	5.64	635	4.60	4.60	52.76
0.000615	0.0156	6.00		4.69	4.69	57.45
0.000435	0.0110	6.50		5.94	5.94	63.39
0.000308	0.00781	7.00		5.68	5.68	69.07
0.000197	0.00500	7.65		7.05	7.05	76.12
0.000077	0.00195	9.00		12.40	12.40	88.53
0.000038	0.000977	10.00		6.73	6.73	95.26
0.000019	0.000488	11.00		4.27	4.27	99.53
0.000015	0.000375	11.38		0.47	0.47	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.18	0.0087	0.221
10	2.98	0.0050	0.127
16	3.44	0.0036	0.092
25	3.97	0.0025	0.064
40	4.80	0.0014	0.036
50	5.45	0.0009	0.023
60	6.21	0.0005	0.013
75	7.54	0.0002	0.005
84	8.51	0.0001	0.003
90	9.22	0.0001	0.002
95	9.96	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.45	5.45	5.45
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.85	5.97	5.80
Mean, in.	0.0014	0.0006	0.0007
Mean, mm	0.035	0.016	0.018
Sorting	3.448	2.533	2.445
Skewness	0.808	0.207	0.184
Kurtosis	0.233	0.536	0.893

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	1.92
Fine Sand	200	19.07
Silt	>0.005 mm	55.13
Clay	<0.005 mm	23.88
	Total	**100**

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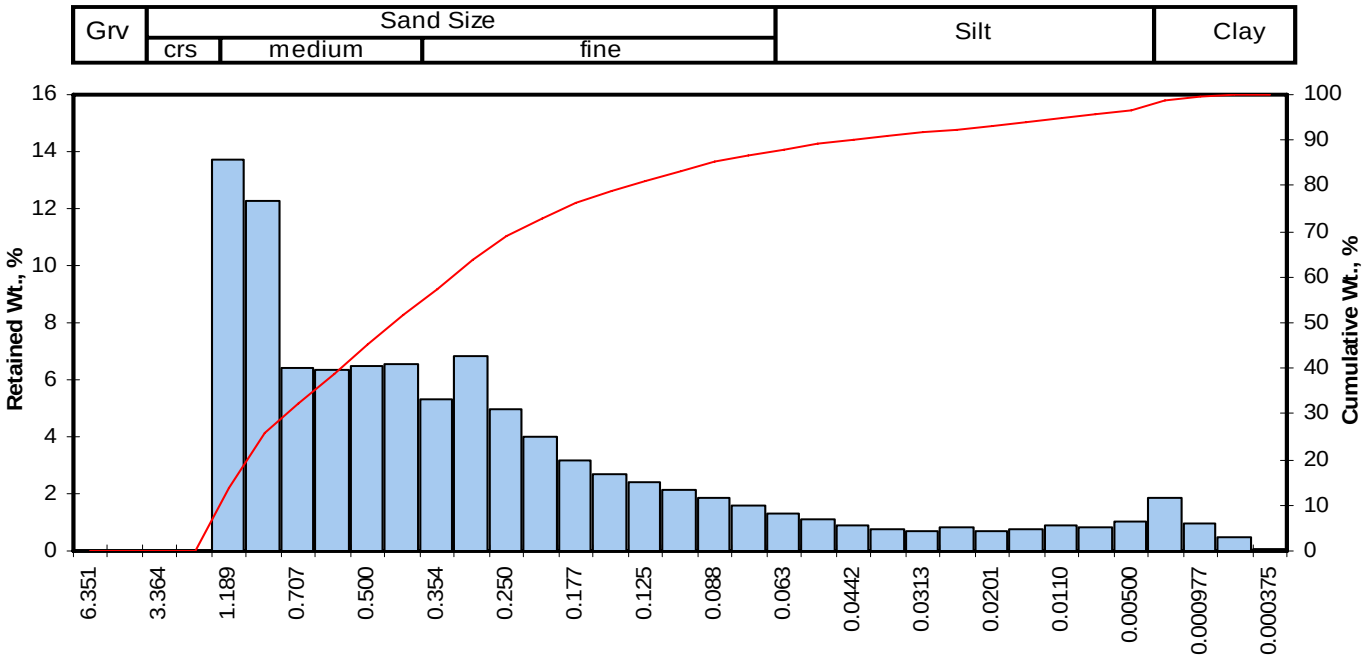
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-035
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	35.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	13.70	13.70	13.70
0.0331	0.841	0.25	20	12.30	12.30	26.00
0.0278	0.707	0.50	25	6.42	6.42	32.42
0.0234	0.595	0.75	30	6.37	6.37	38.79
0.0197	0.500	1.00	35	6.46	6.46	45.25
0.0166	0.420	1.25	40	6.53	6.53	51.78
0.0139	0.354	1.50	45	5.34	5.34	57.12
0.0117	0.297	1.75	50	6.84	6.84	63.96
0.0098	0.250	2.00	60	4.96	4.96	68.92
0.0083	0.210	2.25	70	4.03	4.03	72.95
0.0070	0.177	2.50	80	3.20	3.20	76.15
0.0059	0.149	2.75	100	2.70	2.70	78.85
0.0049	0.125	3.00	120	2.38	2.38	81.23
0.0041	0.105	3.25	140	2.12	2.12	83.35
0.0035	0.088	3.50	170	1.84	1.84	85.19
0.0029	0.074	3.75	200	1.57	1.57	86.76
0.0025	0.063	4.00	230	1.32	1.32	88.08
0.0021	0.053	4.25	270	1.10	1.10	89.18
0.00174	0.0442	4.50	325	0.93	0.93	90.11
0.00146	0.0372	4.75	400	0.79	0.79	90.90
0.00123	0.0313	5.00	450	0.70	0.70	91.60
0.000986	0.0250	5.32	500	0.80	0.80	92.40
0.000790	0.0201	5.64	635	0.72	0.72	93.12
0.000615	0.0156	6.00		0.73	0.73	93.85
0.000435	0.0110	6.50		0.92	0.92	94.77
0.000308	0.00781	7.00		0.85	0.85	95.62
0.000197	0.00500	7.65		1.03	1.03	96.65
0.000077	0.00195	9.00		1.85	1.85	98.50
0.000038	0.000977	10.00		0.96	0.96	99.46
0.000019	0.000488	11.00		0.49	0.49	99.95
0.000015	0.000375	11.38		0.05	0.05	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	-0.73	0.0651	1.654
10	-0.45	0.0539	1.368
16	-0.16	0.0439	1.115
25	0.21	0.0341	0.865
40	0.80	0.0227	0.576
50	1.18	0.0174	0.441
60	1.61	0.0129	0.329
75	2.41	0.0074	0.188
84	3.34	0.0039	0.099
90	4.47	0.0018	0.045
95	6.63	0.0004	0.010

Measure	Trask	Inman	Folk-Ward
Median, phi	1.18	1.18	1.18
Median, in.	0.0174	0.0174	0.0174
Median, mm	0.441	0.441	0.441
Mean, phi	0.93	1.59	1.45
Mean, in.	0.0207	0.0131	0.0144
Mean, mm	0.527	0.332	0.365
Sorting	2.144	1.747	1.989
Skewness	0.915	0.234	0.358
Kurtosis	0.256	1.106	1.371

Grain Size Description (ASTM-USCS Scale)	Medium sand (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	51.78
Fine Sand	200	34.98
Silt	>0.005 mm	9.89
Clay	<0.005 mm	3.35
	Total	**100**

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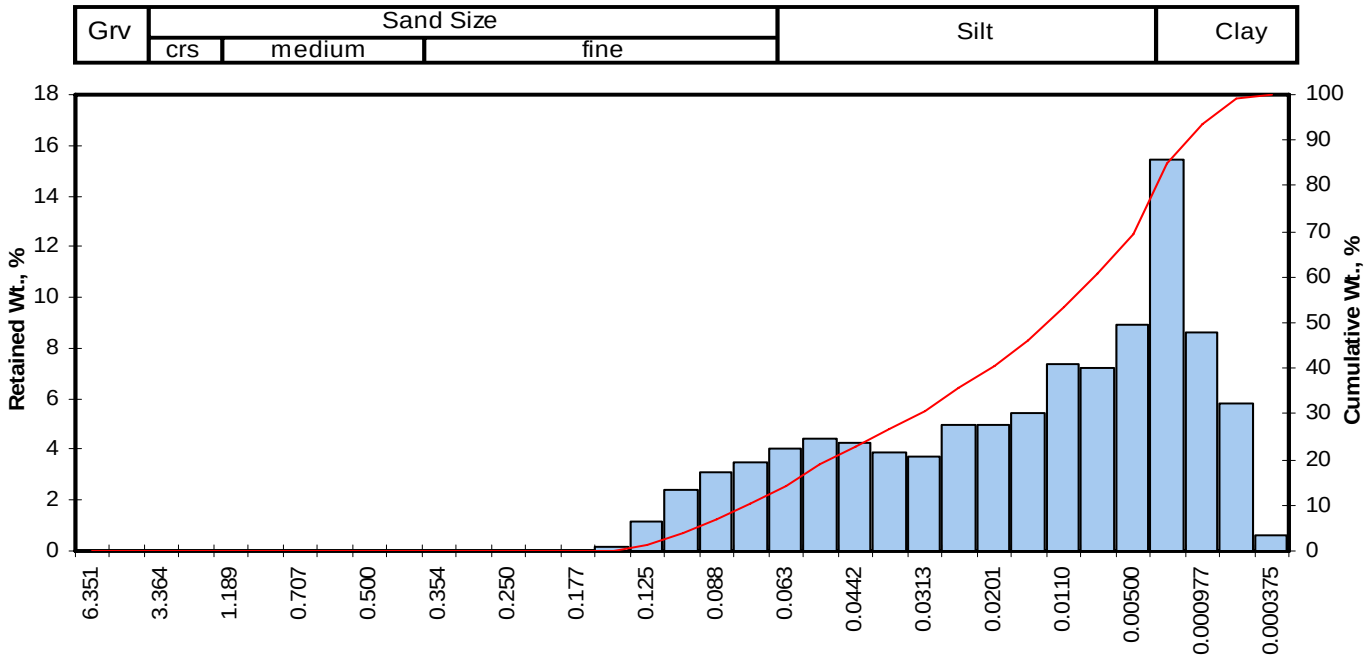
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-055
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	55.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.00	0.00	0.00
0.0117	0.297	1.75	50	0.00	0.00	0.00
0.0098	0.250	2.00	60	0.00	0.00	0.00
0.0083	0.210	2.25	70	0.00	0.00	0.00
0.0070	0.177	2.50	80	0.00	0.00	0.00
0.0059	0.149	2.75	100	0.17	0.17	0.17
0.0049	0.125	3.00	120	1.14	1.14	1.31
0.0041	0.105	3.25	140	2.41	2.41	3.72
0.0035	0.088	3.50	170	3.10	3.10	6.82
0.0029	0.074	3.75	200	3.52	3.52	10.34
0.0025	0.063	4.00	230	4.04	4.04	14.39
0.0021	0.053	4.25	270	4.40	4.40	18.79
0.00174	0.0442	4.50	325	4.25	4.25	23.04
0.00146	0.0372	4.75	400	3.90	3.90	26.94
0.00123	0.0313	5.00	450	3.76	3.76	30.70
0.000986	0.0250	5.32	500	4.93	4.93	35.63
0.000790	0.0201	5.64	635	5.00	5.00	40.63
0.000615	0.0156	6.00		5.41	5.41	46.04
0.000435	0.0110	6.50		7.37	7.37	53.42
0.000308	0.00781	7.00		7.22	7.22	60.64
0.000197	0.00500	7.65		8.93	8.93	69.57
0.000077	0.00195	9.00		15.40	15.40	84.98
0.000038	0.000977	10.00		8.59	8.59	93.57
0.000019	0.000488	11.00		5.78	5.78	99.35
0.000015	0.000375	11.38		0.65	0.65	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	3.35	0.0039	0.098
10	3.73	0.0030	0.076
16	4.09	0.0023	0.059
25	4.63	0.0016	0.041
40	5.60	0.0008	0.021
50	6.27	0.0005	0.013
60	6.96	0.0003	0.008
75	8.12	0.0001	0.004
84	8.91	0.0001	0.002
90	9.58	0.0001	0.001
95	10.25	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	6.27	6.27	6.27
Median, in.	0.0005	0.0005	0.0005
Median, mm	0.013	0.013	0.013
Mean, phi	5.50	6.50	6.42
Mean, in.	0.0009	0.0004	0.0005
Mean, mm	0.022	0.011	0.012
Sorting	3.360	2.411	2.250
Skewness	0.929	0.097	0.126
Kurtosis	0.248	0.430	0.808
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	10.34
Silt	>0.005 mm	59.23
Clay	<0.005 mm	30.43
	Total	**100**

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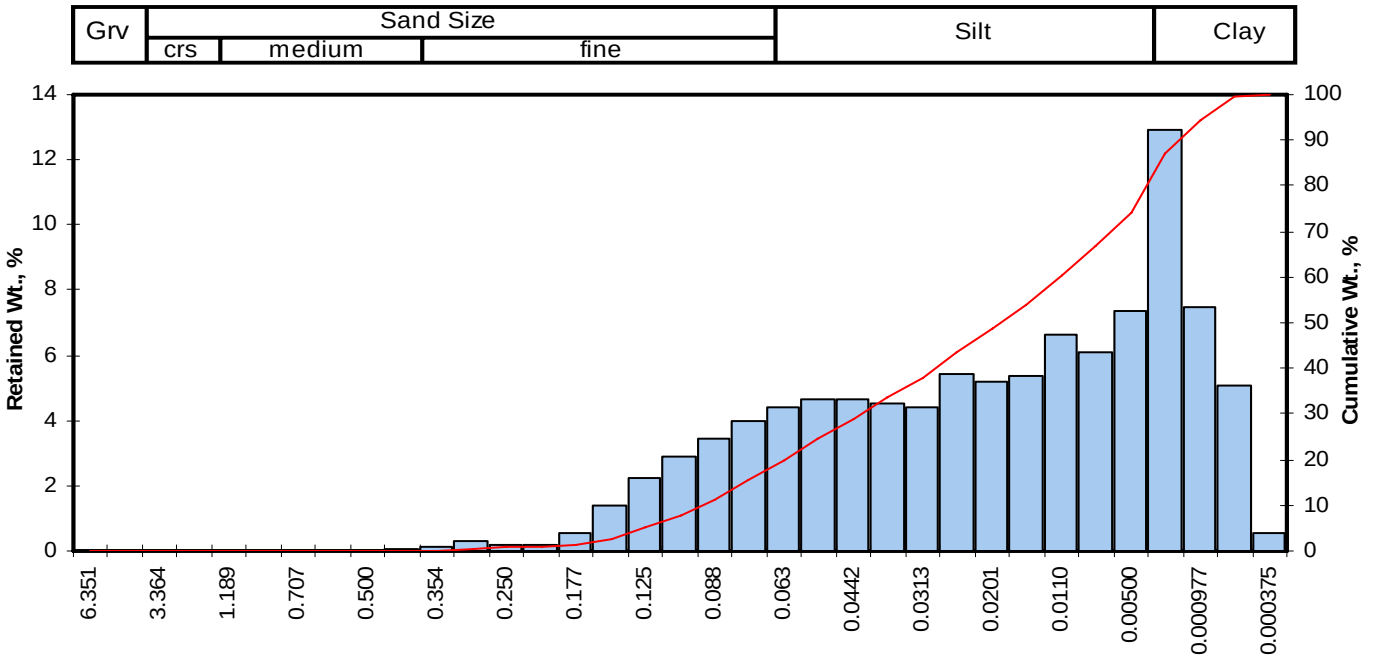
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-070
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	70.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.04	0.04	0.04
0.0139	0.354	1.50	45	0.14	0.14	0.18
0.0117	0.297	1.75	50	0.31	0.31	0.49
0.0098	0.250	2.00	60	0.20	0.20	0.69
0.0083	0.210	2.25	70	0.20	0.20	0.89
0.0070	0.177	2.50	80	0.52	0.52	1.41
0.0059	0.149	2.75	100	1.36	1.36	2.77
0.0049	0.125	3.00	120	2.23	2.23	5.00
0.0041	0.105	3.25	140	2.90	2.90	7.90
0.0035	0.088	3.50	170	3.44	3.44	11.34
0.0029	0.074	3.75	200	3.98	3.98	15.31
0.0025	0.063	4.00	230	4.42	4.42	19.73
0.0021	0.053	4.25	270	4.64	4.64	24.37
0.00174	0.0442	4.50	325	4.65	4.65	29.02
0.00146	0.0372	4.75	400	4.54	4.54	33.55
0.00123	0.0313	5.00	450	4.38	4.38	37.93
0.000986	0.0250	5.32	500	5.41	5.41	43.34
0.000790	0.0201	5.64	635	5.19	5.19	48.53
0.000615	0.0156	6.00		5.35	5.35	53.87
0.000435	0.0110	6.50		6.65	6.65	60.52
0.000308	0.00781	7.00		6.12	6.12	66.64
0.000197	0.00500	7.65		7.37	7.37	74.00
0.000077	0.00195	9.00		12.90	12.89	86.90
0.000038	0.000977	10.00		7.46	7.46	94.35
0.000019	0.000488	11.00		5.08	5.08	99.43
0.000015	0.000375	11.38		0.57	0.57	100.00
TOTALS				**100.10**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	3.00	0.0049	0.125
10	3.40	0.0037	0.095
16	3.79	0.0028	0.072
25	4.28	0.0020	0.051
40	5.12	0.0011	0.029
50	5.74	0.0007	0.019
60	6.46	0.0004	0.011
75	7.75	0.0002	0.005
84	8.70	0.0001	0.002
90	9.42	0.0001	0.001
95	10.13	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.74	5.74	5.74
Median, in.	0.0007	0.0007	0.0007
Median, mm	0.019	0.019	0.019
Mean, phi	5.16	6.24	6.07
Mean, in.	0.0011	0.0005	0.0006
Mean, mm	0.028	0.013	0.015
Sorting	3.324	2.453	2.307
Skewness	0.825	0.205	0.218
Kurtosis	0.251	0.453	0.843

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.04
Fine Sand	200	15.27
Silt	>0.005 mm	58.69
Clay	<0.005 mm	26.00
	Total	**100**

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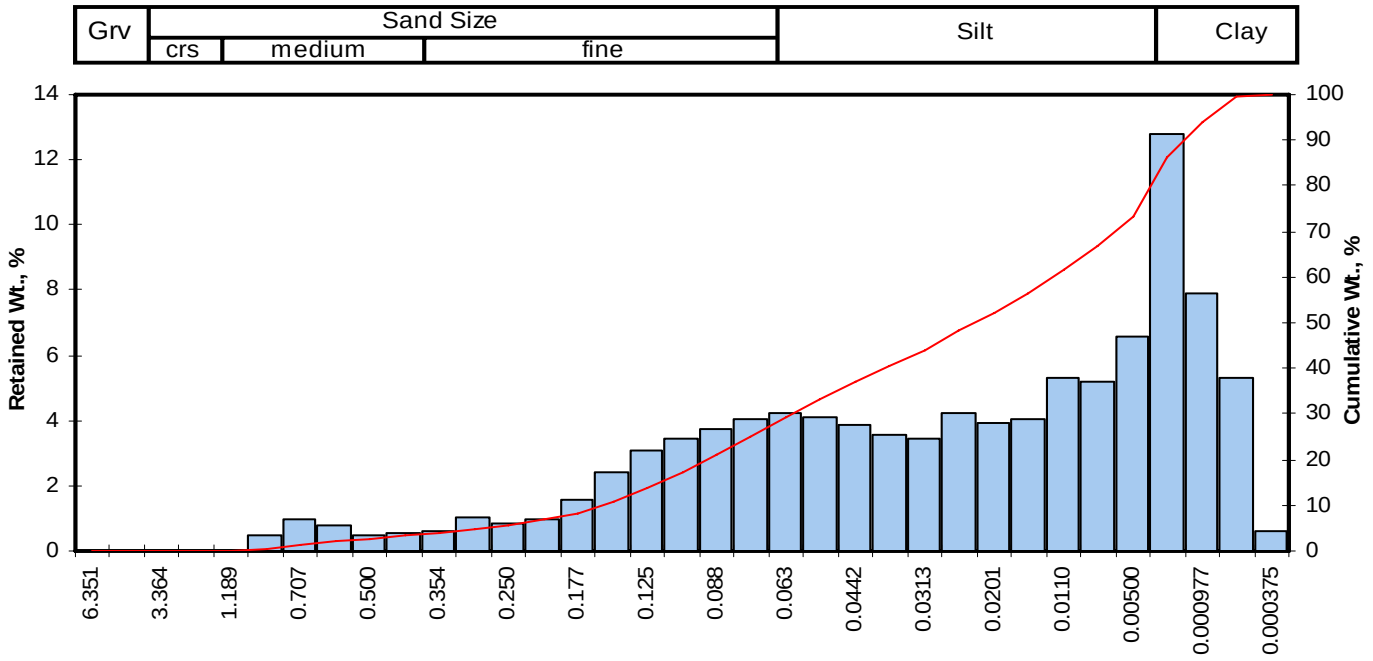
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP1-080
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	80.00



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.48	0.48	0.48
0.0278	0.707	0.50	25	0.94	0.94	1.42
0.0234	0.595	0.75	30	0.77	0.77	2.19
0.0197	0.500	1.00	35	0.51	0.51	2.70
0.0166	0.420	1.25	40	0.55	0.55	3.25
0.0139	0.354	1.50	45	0.63	0.63	3.88
0.0117	0.297	1.75	50	1.01	1.01	4.89
0.0098	0.250	2.00	60	0.83	0.83	5.72
0.0083	0.210	2.25	70	0.99	0.99	6.71
0.0070	0.177	2.50	80	1.56	1.56	8.27
0.0059	0.149	2.75	100	2.43	2.43	10.70
0.0049	0.125	3.00	120	3.05	3.05	13.75
0.0041	0.105	3.25	140	3.43	3.43	17.18
0.0035	0.088	3.50	170	3.73	3.73	20.91
0.0029	0.074	3.75	200	4.04	4.04	24.95
0.0025	0.063	4.00	230	4.20	4.20	29.15
0.0021	0.053	4.25	270	4.12	4.12	33.27
0.00174	0.0442	4.50	325	3.84	3.84	37.11
0.00146	0.0372	4.75	400	3.58	3.58	40.69
0.00123	0.0313	5.00	450	3.43	3.43	44.12
0.000986	0.0250	5.32	500	4.22	4.22	48.34
0.000790	0.0201	5.64	635	3.95	3.95	52.28
0.000615	0.0156	6.00		4.05	4.05	56.33
0.000435	0.0110	6.50		5.31	5.31	61.64
0.000308	0.00781	7.00		5.16	5.16	66.80
0.000197	0.00500	7.65		6.58	6.58	73.38
0.000077	0.00195	9.00		12.80	12.80	86.18
0.000038	0.000977	10.00		7.88	7.88	94.06
0.000019	0.000488	11.00		5.34	5.34	99.40
0.000015	0.000375	11.38		0.60	0.60	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.78	0.0114	0.291
10	2.68	0.0062	0.156
16	3.16	0.0044	0.112
25	3.75	0.0029	0.074
40	4.70	0.0015	0.038
50	5.45	0.0009	0.023
60	6.35	0.0005	0.012
75	7.82	0.0002	0.004
84	8.77	0.0001	0.002
90	9.48	0.0001	0.001
95	10.18	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.45	5.45	5.45
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.67	5.97	5.80
Mean, in.	0.0015	0.0006	0.0007
Mean, mm	0.039	0.016	0.018
Sorting	4.088	2.802	2.673
Skewness	0.796	0.183	0.154
Kurtosis	0.225	0.497	0.847

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	3.25
Fine Sand	200	21.70
Silt	>0.005 mm	48.44
Clay	<0.005 mm	26.62
	Total	**100**

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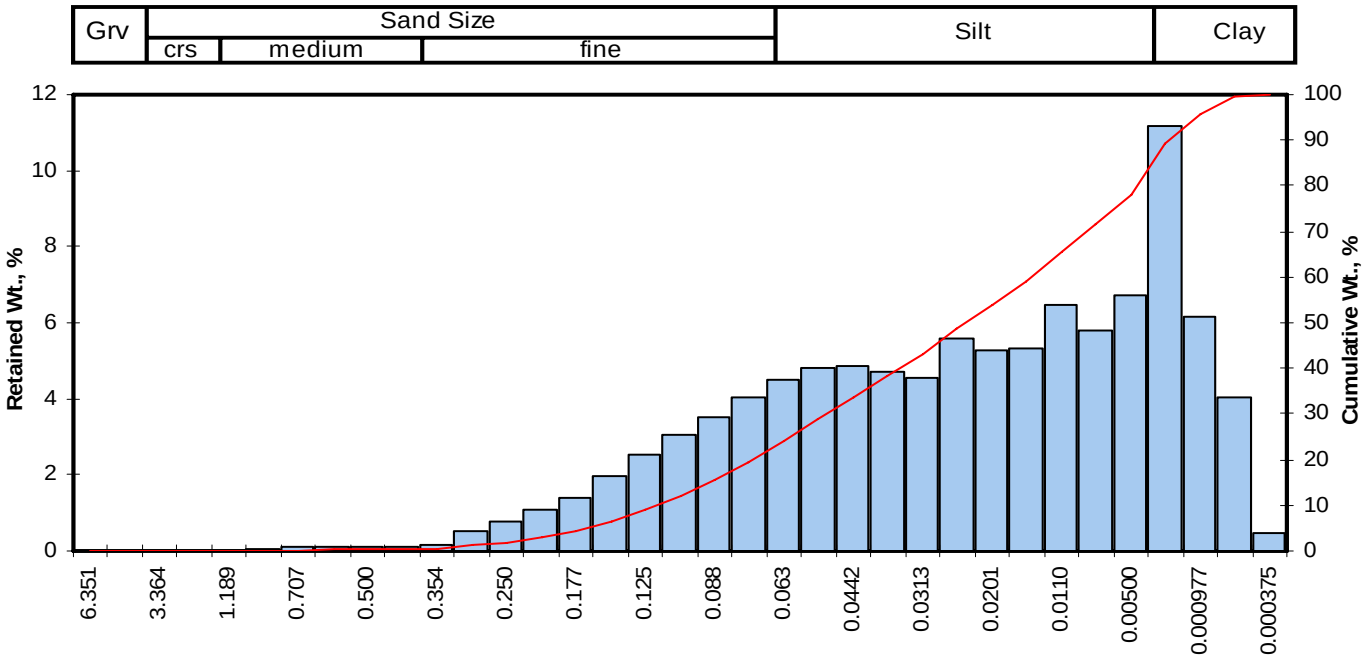
PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	33735
Project:	N/A	**Sample ID:**	GP3A-030
Project No:	10500-37240-T2.0SS. Field	**Depth, ft:**	30.00



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.07	0.07	0.07
0.0278	0.707	0.50	25	0.11	0.11	0.18
0.0234	0.595	0.75	30	0.09	0.09	0.26
0.0197	0.500	1.00	35	0.09	0.09	0.35
0.0166	0.420	1.25	40	0.11	0.11	0.46
0.0139	0.354	1.50	45	0.16	0.16	0.62
0.0117	0.297	1.75	50	0.51	0.51	1.13
0.0098	0.250	2.00	60	0.78	0.78	1.91
0.0083	0.210	2.25	70	1.07	1.07	2.98
0.0070	0.177	2.50	80	1.39	1.39	4.37
0.0059	0.149	2.75	100	1.96	1.96	6.33
0.0049	0.125	3.00	120	2.55	2.55	8.88
0.0041	0.105	3.25	140	3.06	3.06	11.94
0.0035	0.088	3.50	170	3.52	3.52	15.46
0.0029	0.074	3.75	200	4.04	4.04	19.50
0.0025	0.063	4.00	230	4.52	4.52	24.01
0.0021	0.053	4.25	270	4.81	4.81	28.82
0.00174	0.0442	4.50	325	4.86	4.86	33.68
0.00146	0.0372	4.75	400	4.73	4.73	38.41
0.00123	0.0313	5.00	450	4.56	4.56	42.97
0.000986	0.0250	5.32	500	5.59	5.59	48.55
0.000790	0.0201	5.64	635	5.29	5.29	53.84
0.000615	0.0156	6.00		5.35	5.35	59.19
0.000435	0.0110	6.50		6.49	6.49	65.68
0.000308	0.00781	7.00		5.78	5.78	71.45
0.000197	0.00500	7.65		6.71	6.71	78.16
0.000077	0.00195	9.00		11.20	11.20	89.35
0.000038	0.000977	10.00		6.18	6.18	95.53
0.000019	0.000488	11.00		4.03	4.03	99.56
0.000015	0.000375	11.38		0.44	0.44	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	2.58	0.0066	0.167
10	3.09	0.0046	0.117
16	3.53	0.0034	0.086
25	4.05	0.0024	0.060
40	4.84	0.0014	0.035
50	5.41	0.0009	0.024
60	6.06	0.0006	0.015
75	7.34	0.0002	0.006
84	8.35	0.0001	0.003
90	9.10	0.0001	0.002
95	9.91	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.41	5.41	5.41
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.024	0.024	0.024
Mean, phi	4.91	5.94	5.76
Mean, in.	0.0013	0.0006	0.0007
Mean, mm	0.033	0.016	0.018
Sorting	3.127	2.409	2.316
Skewness	0.819	0.222	0.226
Kurtosis	0.234	0.522	0.914

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.46
Fine Sand	200	19.03
Silt	>0.005 mm	58.66
Clay	<0.005 mm	21.84
	Total	**100**

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LABORATORY REPORT

Prepared For: Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project: Omega Chemical Soil
10500-

Sampled: 01/20/04
Received: 01/20/04
Issued: 01/29/04

NELAP #01108CA CA ELAP #1197

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 6°C, on ice and with chain of custody documentation.

HOLDING TIMES: Holding times were met.

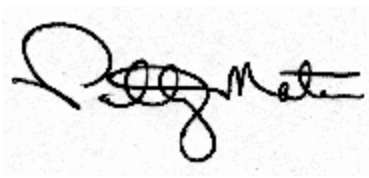
PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Multiple dilutions were performed per client request for EPA 8260. Sample INA0977-06 was initially analyzed without dilution, but could not be reported due to quality control failures. Only the Methanol-extact sample results could be reported.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
INA0977-01	OC-SB-GP5-054-012004	Soil
INA0977-02	OC-SB-GP5-068-012004	Soil
INA0977-03	OC-SB-GP5-073-012004	Soil
INA0977-04	OC-SB-GP4-700-012004	Water
INA0977-05	OC-SB-GP4-048-012004	Soil
INA0977-06	OC-SB-GP5-018-012004	Soil
INA0977-07	OC-SB-GP5-032-012004	Soil
INA0977-08	OC-SB-GP4-020-012004	Soil
INA0977-09	OC-SB-GP4-035-012004	Soil



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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-04 (OC-SB-GP4-700-012004 - Water)								
Reporting Units: ug/l								
Acetone	EPA 8260B	4A22014	10	ND	1	1/22/2004	1/22/2004	
Benzene	EPA 8260B	4A22014	0.50	ND	1	1/22/2004	1/22/2004	
Bromobenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Bromochloromethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Bromodichloromethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Bromoform	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Bromomethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
n-Butylbenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
sec-Butylbenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
tert-Butylbenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Carbon tetrachloride	EPA 8260B	4A22014	0.50	ND	1	1/22/2004	1/22/2004	
Chlorobenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Chloroethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Chloroform	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Chloromethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
2-Chlorotoluene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
4-Chlorotoluene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Dibromochloromethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A22014	5.0	ND	1	1/22/2004	1/22/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Dibromomethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,2-Dichlorobenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,3-Dichlorobenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,4-Dichlorobenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Dichlorodifluoromethane	EPA 8260B	4A22014	5.0	ND	1	1/22/2004	1/22/2004	
1,1-Dichloroethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,2-Dichloroethane	EPA 8260B	4A22014	0.50	ND	1	1/22/2004	1/22/2004	
1,1-Dichloroethene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,2-Dichloropropane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,3-Dichloropropane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
2,2-Dichloropropane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,1-Dichloropropene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A22014	0.50	ND	1	1/22/2004	1/22/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A22014	0.50	ND	1	1/22/2004	1/22/2004	
Ethylbenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Hexachlorobutadiene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Isopropylbenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
p-Isopropyltoluene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	

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Patty Mata
Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-04 (OC-SB-GP4-700-012004 - Water) - cont.								
Reporting Units: ug/l								
Methylene chloride	EPA 8260B	4A22014	5.0	ND	1	1/22/2004	1/22/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Naphthalene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
n-Propylbenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Styrene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Tetrachloroethene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Toluene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,1,1-Trichloroethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,1,2-Trichloroethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Trichloroethene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Trichlorofluoromethane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A22014	5.0	ND	1	1/22/2004	1/22/2004	
1,2,3-Trichloropropane	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Vinyl chloride	EPA 8260B	4A22014	0.50	ND	1	1/22/2004	1/22/2004	
o-Xylene	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
m,p-Xylenes	EPA 8260B	4A22014	1.0	ND	1	1/22/2004	1/22/2004	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*106 %*				

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-01 (OC-SB-GP5-054-012004 - Soil)								
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A23026	85	**6800**	85.5	1/23/2004	1/24/2004	
Surrogate: Dibromofluoromethane (50-160%)				*112 %*				
Surrogate: Toluene-d8 (60-160%)				*111 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*112 %*				
Sample ID: INA0977-01RE1 (OC-SB-GP5-054-012004 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A21030	10	ND	0.956	1/21/2004	1/21/2004	
Benzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Bromobenzene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
Bromochloromethane	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
Bromodichloromethane	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Bromoform	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
Bromomethane	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
2-Butanone (MEK)	EPA 8260B	4A21030	10	ND	0.956	1/21/2004	1/21/2004	
n-Butylbenzene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
sec-Butylbenzene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
tert-Butylbenzene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
Carbon tetrachloride	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
Chlorobenzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Chloroethane	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
Chloroform	EPA 8260B	4A21030	2.0	**280**	0.956	1/21/2004	1/21/2004	
Chloromethane	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
2-Chlorotoluene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
4-Chlorotoluene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
Dibromochloromethane	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Dibromomethane	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
1,2-Dichlorobenzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
1,3-Dichlorobenzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
1,4-Dichlorobenzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Dichlorodifluoromethane	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
1,1-Dichloroethane	EPA 8260B	4A21030	2.0	**10**	0.956	1/21/2004	1/21/2004	
1,2-Dichloroethane	EPA 8260B	4A21030	2.0	**3.3**	0.956	1/21/2004	1/21/2004	
1,1-Dichloroethene	EPA 8260B	4A21030	5.0	**34**	0.956	1/21/2004	1/21/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A21030	2.0	**21**	0.956	1/21/2004	1/21/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
1,2-Dichloropropane	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
1,3-Dichloropropane	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
2,2-Dichloropropane	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-01RE1 (OC-SB-GP5-054-012004 - Soil) - cont.								
Reporting Units: ug/kg								
1,1-Dichloropropene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Ethylbenzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Hexachlorobutadiene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
2-Hexanone	EPA 8260B	4A21030	10	ND	0.956	1/21/2004	1/21/2004	
Isopropylbenzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
p-Isopropyltoluene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Methylene chloride	EPA 8260B	4A21030	20	ND	0.956	1/21/2004	1/21/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
Naphthalene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
n-Propylbenzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Styrene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Toluene	EPA 8260B	4A21030	2.0	**3.0**	0.956	1/21/2004	1/21/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
1,1,1-Trichloroethane	EPA 8260B	4A21030	2.0	**4.9**	0.956	1/21/2004	1/21/2004	
1,1,2-Trichloroethane	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Trichloroethene	EPA 8260B	4A21030	2.0	**79**	0.956	1/21/2004	1/21/2004	
Trichlorofluoromethane	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
1,2,3-Trichloropropane	EPA 8260B	4A21030	10	ND	0.956	1/21/2004	1/21/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Vinyl chloride	EPA 8260B	4A21030	5.0	ND	0.956	1/21/2004	1/21/2004	
o-Xylene	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
m,p-Xylenes	EPA 8260B	4A21030	2.0	ND	0.956	1/21/2004	1/21/2004	
Xylenes, Total	EPA 8260B	4A21030	4.0	ND	0.956	1/21/2004	1/21/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A21030	10	ND	0.956	1/21/2004	1/21/2004	
Surrogate: Dibromofluoromethane (80-125%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*115 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-02 (OC-SB-GP5-068-012004 - Soil)								
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A23026	91	**3700**	90.7	1/23/2004	1/24/2004	
Surrogate: Dibromofluoromethane (50-160%)				*107 %*				
Surrogate: Toluene-d8 (60-160%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*107 %*				
Sample ID: INA0977-02RE1 (OC-SB-GP5-068-012004 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A21030	8.8	ND	0.877	1/21/2004	1/21/2004	
Benzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Bromobenzene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
Bromochloromethane	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
Bromodichloromethane	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Bromoform	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
Bromomethane	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
2-Butanone (MEK)	EPA 8260B	4A21030	8.8	ND	0.877	1/21/2004	1/21/2004	
n-Butylbenzene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
sec-Butylbenzene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
tert-Butylbenzene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
Carbon tetrachloride	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
Chlorobenzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Chloroethane	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
Chloroform	EPA 8260B	4A21030	1.8	**310**	0.877	1/21/2004	1/21/2004	
Chloromethane	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
2-Chlorotoluene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
4-Chlorotoluene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
Dibromochloromethane	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Dibromomethane	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
1,2-Dichlorobenzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
1,3-Dichlorobenzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
1,4-Dichlorobenzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Dichlorodifluoromethane	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
1,1-Dichloroethane	EPA 8260B	4A21030	1.8	**9.0**	0.877	1/21/2004	1/21/2004	
1,2-Dichloroethane	EPA 8260B	4A21030	1.8	**23**	0.877	1/21/2004	1/21/2004	
1,1-Dichloroethene	EPA 8260B	4A21030	4.4	**45**	0.877	1/21/2004	1/21/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A21030	1.8	**10**	0.877	1/21/2004	1/21/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A21030	1.8	**2.0**	0.877	1/21/2004	1/21/2004	
1,2-Dichloropropane	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
1,3-Dichloropropane	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
2,2-Dichloropropane	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-02RE1 (OC-SB-GP5-068-012004 - Soil) - cont.								
Reporting Units: ug/kg								
1,1-Dichloropropene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Ethylbenzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Hexachlorobutadiene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
2-Hexanone	EPA 8260B	4A21030	8.8	ND	0.877	1/21/2004	1/21/2004	
Isopropylbenzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
p-Isopropyltoluene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Methylene chloride	EPA 8260B	4A21030	18	ND	0.877	1/21/2004	1/21/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
Naphthalene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
n-Propylbenzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Styrene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Toluene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
1,1,1-Trichloroethane	EPA 8260B	4A21030	1.8	**12**	0.877	1/21/2004	1/21/2004	
1,1,2-Trichloroethane	EPA 8260B	4A21030	1.8	**1.9**	0.877	1/21/2004	1/21/2004	
Trichloroethene	EPA 8260B	4A21030	1.8	**67**	0.877	1/21/2004	1/21/2004	
Trichlorofluoromethane	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
1,2,3-Trichloropropane	EPA 8260B	4A21030	8.8	ND	0.877	1/21/2004	1/21/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Vinyl chloride	EPA 8260B	4A21030	4.4	ND	0.877	1/21/2004	1/21/2004	
o-Xylene	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
m,p-Xylenes	EPA 8260B	4A21030	1.8	ND	0.877	1/21/2004	1/21/2004	
Xylenes, Total	EPA 8260B	4A21030	3.5	ND	0.877	1/21/2004	1/21/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A21030	8.8	ND	0.877	1/21/2004	1/21/2004	
Surrogate: Dibromofluoromethane (80-125%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*113 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

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Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-05 (OC-SB-GP4-048-012004 - Soil)								
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A23026	87	**4300**	87.1	1/23/2004	1/24/2004	
Surrogate: Dibromofluoromethane (50-160%)				*102 %*				
Surrogate: Toluene-d8 (60-160%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*103 %*				
Sample ID: INA0977-05RE1 (OC-SB-GP4-048-012004 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A21030	10	ND	0.919	1/21/2004	1/21/2004	
Benzene	EPA 8260B	4A21030	2.0	**5.6**	0.919	1/21/2004	1/21/2004	
Bromobenzene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
Bromochloromethane	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
Bromodichloromethane	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Bromoform	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
Bromomethane	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
2-Butanone (MEK)	EPA 8260B	4A21030	10	ND	0.919	1/21/2004	1/21/2004	
n-Butylbenzene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
sec-Butylbenzene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
tert-Butylbenzene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
Carbon tetrachloride	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
Chlorobenzene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Chloroethane	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
Chloroform	EPA 8260B	4A21030	2.0	**65**	0.919	1/21/2004	1/21/2004	
Chloromethane	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
2-Chlorotoluene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
4-Chlorotoluene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
Dibromochloromethane	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Dibromomethane	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
1,2-Dichlorobenzene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
1,3-Dichlorobenzene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
1,4-Dichlorobenzene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Dichlorodifluoromethane	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
1,1-Dichloroethane	EPA 8260B	4A21030	2.0	**19**	0.919	1/21/2004	1/21/2004	
1,2-Dichloroethane	EPA 8260B	4A21030	2.0	**30**	0.919	1/21/2004	1/21/2004	
1,1-Dichloroethene	EPA 8260B	4A21030	5.0	**36**	0.919	1/21/2004	1/21/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
1,2-Dichloropropane	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
1,3-Dichloropropane	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
2,2-Dichloropropane	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-05RE1 (OC-SB-GP4-048-012004 - Soil) - cont.								
Reporting Units: ug/kg								
1,1-Dichloropropene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Ethylbenzene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Hexachlorobutadiene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
2-Hexanone	EPA 8260B	4A21030	10	ND	0.919	1/21/2004	1/21/2004	
Isopropylbenzene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
p-Isopropyltoluene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Methylene chloride	EPA 8260B	4A21030	20	ND	0.919	1/21/2004	1/21/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
Naphthalene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
n-Propylbenzene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Styrene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Toluene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
1,1,1-Trichloroethane	EPA 8260B	4A21030	2.0	**15**	0.919	1/21/2004	1/21/2004	
1,1,2-Trichloroethane	EPA 8260B	4A21030	2.0	**19**	0.919	1/21/2004	1/21/2004	
Trichloroethene	EPA 8260B	4A21030	2.0	**74**	0.919	1/21/2004	1/21/2004	
Trichlorofluoromethane	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
1,2,3-Trichloropropane	EPA 8260B	4A21030	10	ND	0.919	1/21/2004	1/21/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Vinyl chloride	EPA 8260B	4A21030	5.0	ND	0.919	1/21/2004	1/21/2004	
o-Xylene	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
m,p-Xylenes	EPA 8260B	4A21030	2.0	ND	0.919	1/21/2004	1/21/2004	
Xylenes, Total	EPA 8260B	4A21030	4.0	ND	0.919	1/21/2004	1/21/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A21030	10	ND	0.919	1/21/2004	1/21/2004	
Surrogate: Dibromofluoromethane (80-125%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*114 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-06 (OC-SB-GP5-018-012004 - Soil)								**A-01**
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A24010	1500	ND	91.2	1/24/2004	1/24/2004	
Benzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Bromobenzene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
Bromochloromethane	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
Bromodichloromethane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Bromoform	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
Bromomethane	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
2-Butanone (MEK)	EPA 8260B	4A24010	1000	ND	91.2	1/24/2004	1/24/2004	
n-Butylbenzene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
sec-Butylbenzene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
tert-Butylbenzene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
Carbon tetrachloride	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
Chlorobenzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Chloroethane	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
Chloroform	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Chloromethane	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
2-Chlorotoluene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
4-Chlorotoluene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
Dibromochloromethane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Dibromomethane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,2-Dichlorobenzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,3-Dichlorobenzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,4-Dichlorobenzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Dichlorodifluoromethane	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
1,1-Dichloroethane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,2-Dichloroethane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,1-Dichloroethene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,2-Dichloropropane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,3-Dichloropropane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
2,2-Dichloropropane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,1-Dichloropropene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Ethylbenzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Hexachlorobutadiene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
2-Hexanone	EPA 8260B	4A24010	500	ND	91.2	1/24/2004	1/24/2004	

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-06 (OC-SB-GP5-018-012004 - Soil) - cont.								**A-01**
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
p-Isopropyltoluene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Methylene chloride	EPA 8260B	4A24010	1000	ND	91.2	1/24/2004	1/24/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A24010	500	ND	91.2	1/24/2004	1/24/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
Naphthalene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
n-Propylbenzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Styrene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Tetrachloroethene	EPA 8260B	4A24010	100	**2500**	91.2	1/24/2004	1/24/2004	
Toluene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
1,1,1-Trichloroethane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,1,2-Trichloroethane	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Trichloroethene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Trichlorofluoromethane	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
1,2,3-Trichloropropane	EPA 8260B	4A24010	500	ND	91.2	1/24/2004	1/24/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Vinyl chloride	EPA 8260B	4A24010	250	ND	91.2	1/24/2004	1/24/2004	
o-Xylene	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
m,p-Xylenes	EPA 8260B	4A24010	100	ND	91.2	1/24/2004	1/24/2004	
Xylenes, Total	EPA 8260B	4A24010	200	ND	91.2	1/24/2004	1/24/2004	
tert-Butanol (TBA)	EPA 8260B	4A24010	2500	ND	91.2	1/24/2004	1/24/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A24010	500	ND	91.2	1/24/2004	1/24/2004	
Surrogate: Dibromofluoromethane (50-160%)				*104 %*				
Surrogate: Toluene-d8 (60-160%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*106 %*				

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Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-07 (OC-SB-GP5-032-012004 - Soil)								
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A24010	80	**4300**	79.7	1/24/2004	1/24/2004	
Surrogate: Dibromofluoromethane (50-160%)				*110 %*				
Surrogate: Toluene-d8 (60-160%)				*109 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*110 %*				
Sample ID: INA0977-07RE1 (OC-SB-GP5-032-012004 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A23028	11	ND	1.12	1/23/2004	1/23/2004	
Benzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Bromobenzene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
Bromochloromethane	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
Bromodichloromethane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Bromoform	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
Bromomethane	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
2-Butanone (MEK)	EPA 8260B	4A23028	11	ND	1.12	1/23/2004	1/23/2004	
n-Butylbenzene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
sec-Butylbenzene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
tert-Butylbenzene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
Carbon tetrachloride	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
Chlorobenzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Chloroethane	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
Chloroform	EPA 8260B	4A23028	2.2	**62**	1.12	1/23/2004	1/23/2004	
Chloromethane	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
2-Chlorotoluene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
4-Chlorotoluene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
Dibromochloromethane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Dibromomethane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,2-Dichlorobenzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,3-Dichlorobenzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,4-Dichlorobenzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Dichlorodifluoromethane	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
1,1-Dichloroethane	EPA 8260B	4A23028	2.2	**5.2**	1.12	1/23/2004	1/23/2004	
1,2-Dichloroethane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,1-Dichloroethene	EPA 8260B	4A23028	5.6	**15**	1.12	1/23/2004	1/23/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A23028	2.2	**14**	1.12	1/23/2004	1/23/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,2-Dichloropropane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,3-Dichloropropane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
2,2-Dichloropropane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-07RE1 (OC-SB-GP5-032-012004 - Soil) - cont.								
Reporting Units: ug/kg								
1,1-Dichloropropene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Ethylbenzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Hexachlorobutadiene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
2-Hexanone	EPA 8260B	4A23028	11	ND	1.12	1/23/2004	1/23/2004	
Isopropylbenzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
p-Isopropyltoluene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Methylene chloride	EPA 8260B	4A23028	22	ND	1.12	1/23/2004	1/23/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
Naphthalene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
n-Propylbenzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Styrene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Toluene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
1,1,1-Trichloroethane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,1,2-Trichloroethane	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Trichloroethene	EPA 8260B	4A23028	2.2	**48**	1.12	1/23/2004	1/23/2004	
Trichlorofluoromethane	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
1,2,3-Trichloropropane	EPA 8260B	4A23028	11	ND	1.12	1/23/2004	1/23/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Vinyl chloride	EPA 8260B	4A23028	5.6	ND	1.12	1/23/2004	1/23/2004	
o-Xylene	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
m,p-Xylenes	EPA 8260B	4A23028	2.2	ND	1.12	1/23/2004	1/23/2004	
Xylenes, Total	EPA 8260B	4A23028	4.5	ND	1.12	1/23/2004	1/23/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A23028	11	ND	1.12	1/23/2004	1/23/2004	
Surrogate: Dibromofluoromethane (80-125%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*114 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

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Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-08 (OC-SB-GP4-020-012004 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A23028	9.0	ND	0.898	1/23/2004	1/23/2004	
Benzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Bromobenzene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
Bromochloromethane	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
Bromodichloromethane	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Bromoform	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
Bromomethane	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
2-Butanone (MEK)	EPA 8260B	4A23028	9.0	ND	0.898	1/23/2004	1/23/2004	
n-Butylbenzene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
sec-Butylbenzene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
tert-Butylbenzene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
Carbon tetrachloride	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
Chlorobenzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Chloroethane	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
Chloroform	EPA 8260B	4A23028	1.8	**5.7**	0.898	1/23/2004	1/23/2004	
Chloromethane	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
2-Chlorotoluene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
4-Chlorotoluene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
Dibromochloromethane	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Dibromomethane	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,2-Dichlorobenzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,3-Dichlorobenzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,4-Dichlorobenzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Dichlorodifluoromethane	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
1,1-Dichloroethane	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,2-Dichloroethane	EPA 8260B	4A23028	1.8	**3.2**	0.898	1/23/2004	1/23/2004	
1,1-Dichloroethene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,2-Dichloropropane	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,3-Dichloropropane	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
2,2-Dichloropropane	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,1-Dichloropropene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Ethylbenzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Hexachlorobutadiene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
2-Hexanone	EPA 8260B	4A23028	9.0	ND	0.898	1/23/2004	1/23/2004	

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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-08 (OC-SB-GP4-020-012004 - Soil) - cont.								
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
p-Isopropyltoluene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Methylene chloride	EPA 8260B	4A23028	18	ND	0.898	1/23/2004	1/23/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
Naphthalene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
n-Propylbenzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Styrene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Tetrachloroethene	EPA 8260B	4A23028	1.8	**100**	0.898	1/23/2004	1/23/2004	
Toluene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
1,1,1-Trichloroethane	EPA 8260B	4A23028	1.8	**2.6**	0.898	1/23/2004	1/23/2004	
1,1,2-Trichloroethane	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Trichloroethene	EPA 8260B	4A23028	1.8	**7.1**	0.898	1/23/2004	1/23/2004	
Trichlorofluoromethane	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
1,2,3-Trichloropropane	EPA 8260B	4A23028	9.0	ND	0.898	1/23/2004	1/23/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Vinyl chloride	EPA 8260B	4A23028	4.5	ND	0.898	1/23/2004	1/23/2004	
o-Xylene	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
m,p-Xylenes	EPA 8260B	4A23028	1.8	ND	0.898	1/23/2004	1/23/2004	
Xylenes, Total	EPA 8260B	4A23028	3.6	ND	0.898	1/23/2004	1/23/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A23028	9.0	ND	0.898	1/23/2004	1/23/2004	
Surrogate: Dibromofluoromethane (80-125%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*115 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				

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10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-09 (OC-SB-GP4-035-012004 - Soil)								
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A24010	88	**4200**	88.5	1/24/2004	1/24/2004	
Surrogate: Dibromofluoromethane (50-160%)				*106 %*				
Surrogate: Toluene-d8 (60-160%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*105 %*				
Sample ID: INA0977-09RE1 (OC-SB-GP4-035-012004 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A23028	8.6	ND	0.861	1/23/2004	1/23/2004	
Benzene	EPA 8260B	4A23028	1.7	**3.1**	0.861	1/23/2004	1/23/2004	
Bromobenzene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
Bromochloromethane	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
Bromodichloromethane	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Bromoform	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
Bromomethane	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
2-Butanone (MEK)	EPA 8260B	4A23028	8.6	ND	0.861	1/23/2004	1/23/2004	
n-Butylbenzene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
sec-Butylbenzene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
tert-Butylbenzene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
Carbon tetrachloride	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
Chlorobenzene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Chloroethane	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
Chloroform	EPA 8260B	4A23028	1.7	**28**	0.861	1/23/2004	1/23/2004	
Chloromethane	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
2-Chlorotoluene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
4-Chlorotoluene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
Dibromochloromethane	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Dibromomethane	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
1,2-Dichlorobenzene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
1,3-Dichlorobenzene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
1,4-Dichlorobenzene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Dichlorodifluoromethane	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
1,1-Dichloroethane	EPA 8260B	4A23028	1.7	**7.3**	0.861	1/23/2004	1/23/2004	
1,2-Dichloroethane	EPA 8260B	4A23028	1.7	**14**	0.861	1/23/2004	1/23/2004	
1,1-Dichloroethene	EPA 8260B	4A23028	4.3	**13**	0.861	1/23/2004	1/23/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
1,2-Dichloropropane	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
1,3-Dichloropropane	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
2,2-Dichloropropane	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-09RE1 (OC-SB-GP4-035-012004 - Soil) - cont.								
Reporting Units: ug/kg								
1,1-Dichloropropene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Ethylbenzene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Hexachlorobutadiene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
2-Hexanone	EPA 8260B	4A23028	8.6	ND	0.861	1/23/2004	1/23/2004	
Isopropylbenzene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
p-Isopropyltoluene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Methylene chloride	EPA 8260B	4A23028	17	ND	0.861	1/23/2004	1/23/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
Naphthalene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
n-Propylbenzene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Styrene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Toluene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
1,1,1-Trichloroethane	EPA 8260B	4A23028	1.7	**5.1**	0.861	1/23/2004	1/23/2004	
1,1,2-Trichloroethane	EPA 8260B	4A23028	1.7	**6.7**	0.861	1/23/2004	1/23/2004	
Trichloroethene	EPA 8260B	4A23028	1.7	**30**	0.861	1/23/2004	1/23/2004	
Trichlorofluoromethane	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
1,2,3-Trichloropropane	EPA 8260B	4A23028	8.6	ND	0.861	1/23/2004	1/23/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Vinyl chloride	EPA 8260B	4A23028	4.3	ND	0.861	1/23/2004	1/23/2004	
o-Xylene	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
m,p-Xylenes	EPA 8260B	4A23028	1.7	ND	0.861	1/23/2004	1/23/2004	
Xylenes, Total	EPA 8260B	4A23028	3.4	ND	0.861	1/23/2004	1/23/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A23028	8.6	ND	0.861	1/23/2004	1/23/2004	
Surrogate: Dibromofluoromethane (80-125%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*113 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-04 (OC-SB-GP4-700-012004 - Water)								
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	4A21079	0.50	ND	0.962	1/21/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*66 %*				

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Project ID: Omega Chemical Soil
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Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA0977-01 (OC-SB-GP5-054-012004 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	ND	1	1/22/2004	1/22/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*41 %*				
Sample ID: INA0977-03 (OC-SB-GP5-073-012004 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	250	**1500**	10	1/22/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*44 %*				*Z3*
Sample ID: INA0977-05 (OC-SB-GP4-048-012004 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	ND	1	1/22/2004	1/22/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*66 %*				
Sample ID: INA0977-06 (OC-SB-GP5-018-012004 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	**35**	1	1/22/2004	1/22/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*50 %*				
Sample ID: INA0977-07 (OC-SB-GP5-032-012004 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	**140**	1	1/22/2004	1/22/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*69 %*				
Sample ID: INA0977-08 (OC-SB-GP4-020-012004 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	**170**	1	1/22/2004	1/22/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*75 %*				
Sample ID: INA0977-09 (OC-SB-GP4-035-012004 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	**59**	1	1/22/2004	1/22/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*57 %*				

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Report Number: INA0977

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Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22014 Extracted: 01/22/04										
Blank Analyzed: 01/22/04 (4A22014-BLK1)										
Acetone	ND	10	ug/l							
Benzene	ND	0.50	ug/l							
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	ug/l							
Bromodichloromethane	ND	1.0	ug/l							
Bromoform	ND	1.0	ug/l							
Bromomethane	ND	1.0	ug/l							
n-Butylbenzene	ND	1.0	ug/l							
sec-Butylbenzene	ND	1.0	ug/l							
tert-Butylbenzene	ND	1.0	ug/l							
Carbon tetrachloride	ND	0.50	ug/l							
Chlorobenzene	ND	1.0	ug/l							
Chloroethane	ND	1.0	ug/l							
Chloroform	ND	1.0	ug/l							
Chloromethane	ND	1.0	ug/l							
2-Chlorotoluene	ND	1.0	ug/l							
4-Chlorotoluene	ND	1.0	ug/l							
Dibromochloromethane	ND	1.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	ug/l							
Dibromomethane	ND	1.0	ug/l							
1,2-Dichlorobenzene	ND	1.0	ug/l							
1,3-Dichlorobenzene	ND	1.0	ug/l							
1,4-Dichlorobenzene	ND	1.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	1.0	ug/l							
1,2-Dichloroethane	ND	0.50	ug/l							
1,1-Dichloroethene	ND	1.0	ug/l							
cis-1,2-Dichloroethene	ND	1.0	ug/l							
trans-1,2-Dichloroethene	ND	1.0	ug/l							
1,2-Dichloropropane	ND	1.0	ug/l							
1,3-Dichloropropane	ND	1.0	ug/l							
2,2-Dichloropropane	ND	1.0	ug/l							
1,1-Dichloropropene	ND	1.0	ug/l							
cis-1,3-Dichloropropene	ND	0.50	ug/l							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22014 Extracted: 01/22/04										
Blank Analyzed: 01/22/04 (4A22014-BLK1)										
trans-1,3-Dichloropropene	ND	0.50	ug/l							
Ethylbenzene	ND	1.0	ug/l							
Hexachlorobutadiene	ND	1.0	ug/l							
Isopropylbenzene	ND	1.0	ug/l							
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
Naphthalene	ND	1.0	ug/l							
n-Propylbenzene	ND	1.0	ug/l							
Styrene	ND	1.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l							
Tetrachloroethene	ND	1.0	ug/l							
Toluene	ND	1.0	ug/l							
1,2,3-Trichlorobenzene	ND	1.0	ug/l							
1,2,4-Trichlorobenzene	ND	1.0	ug/l							
1,1,1-Trichloroethane	ND	1.0	ug/l							
1,1,2-Trichloroethane	ND	1.0	ug/l							
Trichloroethene	ND	1.0	ug/l							
Trichlorofluoromethane	ND	1.0	ug/l							
Trichlorotrifluoroethane (Freon 113)	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	1.0	ug/l							
1,2,4-Trimethylbenzene	ND	1.0	ug/l							
1,3,5-Trimethylbenzene	ND	1.0	ug/l							
Vinyl chloride	ND	0.50	ug/l							
o-Xylene	ND	1.0	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			

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Sampled: 01/20/04
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22014 Extracted: 01/22/04										
LCS Analyzed: 01/22/04 (4A22014-BS1)										
Acetone	18.7	10	ug/l	25.0		75	25-120			
Benzene	25.2	0.50	ug/l	25.0		101	70-120			
Bromobenzene	28.2	1.0	ug/l	25.0		113	80-120			
Bromochloromethane	26.6	1.0	ug/l	25.0		106	65-135			
Bromodichloromethane	28.8	1.0	ug/l	25.0		115	70-140			
Bromoform	29.3	1.0	ug/l	25.0		117	50-135			
Bromomethane	23.2	1.0	ug/l	25.0		93	60-140			
n-Butylbenzene	28.6	1.0	ug/l	25.0		114	75-130			
sec-Butylbenzene	28.7	1.0	ug/l	25.0		115	75-125			
tert-Butylbenzene	30.5	1.0	ug/l	25.0		122	75-125			
Carbon tetrachloride	28.4	0.50	ug/l	25.0		114	70-140			
Chlorobenzene	26.5	1.0	ug/l	25.0		106	80-125			
Chloroethane	23.5	1.0	ug/l	25.0		94	60-145			
Chloroform	25.6	1.0	ug/l	25.0		102	70-130			
Chloromethane	17.4	1.0	ug/l	25.0		70	40-145			
2-Chlorotoluene	28.5	1.0	ug/l	25.0		114	75-125			
4-Chlorotoluene	28.8	1.0	ug/l	25.0		115	75-125			
Dibromochloromethane	28.6	1.0	ug/l	25.0		114	65-145			
1,2-Dibromo-3-chloropropane	27.8	5.0	ug/l	25.0		111	50-130			
1,2-Dibromoethane (EDB)	27.5	1.0	ug/l	25.0		110	70-125			
Dibromomethane	27.3	1.0	ug/l	25.0		109	70-130			
1,2-Dichlorobenzene	29.1	1.0	ug/l	25.0		116	75-120			
1,3-Dichlorobenzene	27.4	1.0	ug/l	25.0		110	75-120			
1,4-Dichlorobenzene	27.1	1.0	ug/l	25.0		108	80-120			
Dichlorodifluoromethane	12.9	5.0	ug/l	25.0		52	10-160			
1,1-Dichloroethane	24.7	1.0	ug/l	25.0		99	70-135			
1,2-Dichloroethane	28.0	0.50	ug/l	25.0		112	60-150			
1,1-Dichloroethene	26.4	1.0	ug/l	25.0		106	75-140			
cis-1,2-Dichloroethene	25.5	1.0	ug/l	25.0		102	65-125			
trans-1,2-Dichloroethene	25.4	1.0	ug/l	25.0		102	65-130			
1,2-Dichloropropane	25.8	1.0	ug/l	25.0		103	65-120			
1,3-Dichloropropane	25.2	1.0	ug/l	25.0		101	70-130			
2,2-Dichloropropane	24.9	1.0	ug/l	25.0		100	70-150			
1,1-Dichloropropene	26.5	1.0	ug/l	25.0		106	75-130			
cis-1,3-Dichloropropene	29.0	0.50	ug/l	25.0		116	70-130			

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Report Number: INA0977

Sampled: 01/20/04
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22014 Extracted: 01/22/04										
LCS Analyzed: 01/22/04 (4A22014-BS1)										
trans-1,3-Dichloropropene	30.2	0.50	ug/l	25.0		121	75-135			
Ethylbenzene	28.1	1.0	ug/l	25.0		112	80-120			
Hexachlorobutadiene	26.9	1.0	ug/l	25.0		108	65-140			
Isopropylbenzene	30.0	1.0	ug/l	25.0		120	70-125			
p-Isopropyltoluene	27.4	1.0	ug/l	25.0		110	75-125			
Methylene chloride	25.0	5.0	ug/l	25.0		100	60-135			
Methyl-tert-butyl Ether (MTBE)	30.6	1.0	ug/l	25.0		122	55-145			
Naphthalene	30.5	1.0	ug/l	25.0		122	50-145			
n-Propylbenzene	29.6	1.0	ug/l	25.0		118	75-130			
Styrene	30.9	1.0	ug/l	25.0		124	80-135			
1,1,1,2-Tetrachloroethane	27.9	1.0	ug/l	25.0		112	70-145			
1,1,2,2-Tetrachloroethane	26.2	1.0	ug/l	25.0		105	60-135			
Tetrachloroethene	27.5	1.0	ug/l	25.0		110	75-125			
Toluene	26.3	1.0	ug/l	25.0		105	70-120			
1,2,3-Trichlorobenzene	30.0	1.0	ug/l	25.0		120	65-135			
1,2,4-Trichlorobenzene	30.6	1.0	ug/l	25.0		122	70-140			
1,1,1-Trichloroethane	26.7	1.0	ug/l	25.0		107	75-140			
1,1,2-Trichloroethane	26.6	1.0	ug/l	25.0		106	65-125			
Trichloroethene	26.3	1.0	ug/l	25.0		105	75-120			
Trichlorofluoromethane	23.6	1.0	ug/l	25.0		94	60-145			
1,2,3-Trichloropropane	26.0	1.0	ug/l	25.0		104	60-130			
1,2,4-Trimethylbenzene	29.0	1.0	ug/l	25.0		116	75-125			
1,3,5-Trimethylbenzene	29.3	1.0	ug/l	25.0		117	75-125			
Vinyl chloride	20.6	0.50	ug/l	25.0		82	50-125			
o-Xylene	27.4	1.0	ug/l	25.0		110	75-125			
m,p-Xylenes	55.0	1.0	ug/l	50.0		110	70-120			
Surrogate: Dibromofluoromethane	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Toluene-d8	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22014 Extracted: 01/22/04										
Matrix Spike Analyzed: 01/22/04 (4A22014-MS1)					**Source: INA0903-12**					
Acetone	23.9	10	ug/l	25.0	5.9	72	10-150			
Benzene	26.8	0.50	ug/l	25.0	ND	107	70-120			
Bromobenzene	30.2	1.0	ug/l	25.0	ND	121	60-135			
Bromochloromethane	28.4	1.0	ug/l	25.0	ND	114	60-140			
Bromodichloromethane	30.8	1.0	ug/l	25.0	ND	123	70-140			
Bromoform	32.1	1.0	ug/l	25.0	ND	128	50-135			
Bromomethane	23.8	1.0	ug/l	25.0	ND	95	50-140			
n-Butylbenzene	30.2	1.0	ug/l	25.0	ND	121	70-135			
sec-Butylbenzene	30.6	1.0	ug/l	25.0	ND	122	70-130			
tert-Butylbenzene	32.2	1.0	ug/l	25.0	ND	129	70-130			
Carbon tetrachloride	30.6	0.50	ug/l	25.0	ND	122	70-140			
Chlorobenzene	28.3	1.0	ug/l	25.0	ND	113	80-125			
Chloroethane	24.3	1.0	ug/l	25.0	ND	97	50-145			
Chloroform	28.3	1.0	ug/l	25.0	ND	113	70-130			
Chloromethane	17.7	1.0	ug/l	25.0	ND	71	30-145			
2-Chlorotoluene	29.8	1.0	ug/l	25.0	ND	119	65-145			
4-Chlorotoluene	30.5	1.0	ug/l	25.0	ND	122	70-145			
Dibromochloromethane	31.3	1.0	ug/l	25.0	ND	125	65-145			
1,2-Dibromo-3-chloropropane	32.1	5.0	ug/l	25.0	ND	128	50-150			
1,2-Dibromoethane (EDB)	30.0	1.0	ug/l	25.0	ND	120	70-125			
Dibromomethane	29.7	1.0	ug/l	25.0	ND	119	65-135			
1,2-Dichlorobenzene	31.1	1.0	ug/l	25.0	ND	124	70-130			
1,3-Dichlorobenzene	28.8	1.0	ug/l	25.0	ND	115	70-130			
1,4-Dichlorobenzene	29.0	1.0	ug/l	25.0	ND	116	75-120			
Dichlorodifluoromethane	13.8	5.0	ug/l	25.0	ND	55	10-160			
1,1-Dichloroethane	26.9	1.0	ug/l	25.0	ND	108	65-135			
1,2-Dichloroethane	30.4	0.50	ug/l	25.0	ND	122	60-150			
1,1-Dichloroethene	28.0	1.0	ug/l	25.0	ND	112	65-145			
cis-1,2-Dichloroethene	27.7	1.0	ug/l	25.0	ND	111	60-130			
trans-1,2-Dichloroethene	27.8	1.0	ug/l	25.0	ND	111	60-135			
1,2-Dichloropropane	27.2	1.0	ug/l	25.0	ND	109	60-130			
1,3-Dichloropropane	27.5	1.0	ug/l	25.0	ND	110	65-140			
2,2-Dichloropropane	27.4	1.0	ug/l	25.0	ND	110	60-150			
1,1-Dichloropropene	28.5	1.0	ug/l	25.0	ND	114	60-145			
cis-1,3-Dichloropropene	30.5	0.50	ug/l	25.0	ND	122	70-140			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22014 Extracted: 01/22/04										
Matrix Spike Analyzed: 01/22/04 (4A22014-MS1)					**Source: INA0903-12**					
trans-1,3-Dichloropropene	32.8	0.50	ug/l	25.0	ND	131	70-140			
Ethylbenzene	29.8	1.0	ug/l	25.0	ND	119	70-125			
Hexachlorobutadiene	29.3	1.0	ug/l	25.0	ND	117	65-140			
Isopropylbenzene	31.4	1.0	ug/l	25.0	ND	126	65-130			
p-Isopropyltoluene	28.8	1.0	ug/l	25.0	ND	115	70-130			
Methylene chloride	28.0	5.0	ug/l	25.0	1.2	107	60-135			
Methyl-tert-butyl Ether (MTBE)	34.2	1.0	ug/l	25.0	ND	137	50-150			
Naphthalene	34.2	1.0	ug/l	25.0	ND	137	50-145			
n-Propylbenzene	31.6	1.0	ug/l	25.0	ND	126	70-135			
Styrene	32.2	1.0	ug/l	25.0	ND	129	60-145			
1,1,1,2-Tetrachloroethane	29.6	1.0	ug/l	25.0	ND	118	65-145			
1,1,2,2-Tetrachloroethane	30.0	1.0	ug/l	25.0	ND	120	60-140			
Tetrachloroethene	29.1	1.0	ug/l	25.0	ND	116	70-130			
Toluene	28.1	1.0	ug/l	25.0	ND	112	65-120			
1,2,3-Trichlorobenzene	32.3	1.0	ug/l	25.0	ND	129	60-135			
1,2,4-Trichlorobenzene	32.8	1.0	ug/l	25.0	ND	131	55-140			
1,1,1-Trichloroethane	29.1	1.0	ug/l	25.0	ND	116	75-140			
1,1,2-Trichloroethane	29.0	1.0	ug/l	25.0	ND	116	60-135			
Trichloroethene	27.9	1.0	ug/l	25.0	ND	112	70-125			
Trichlorofluoromethane	25.7	1.0	ug/l	25.0	ND	103	50-150			
1,2,3-Trichloropropane	28.8	1.0	ug/l	25.0	ND	115	60-140			
1,2,4-Trimethylbenzene	30.6	1.0	ug/l	25.0	ND	122	60-125			
1,3,5-Trimethylbenzene	30.8	1.0	ug/l	25.0	ND	123	70-130			
Vinyl chloride	21.4	0.50	ug/l	25.0	ND	86	40-130			
o-Xylene	29.5	1.0	ug/l	25.0	ND	118	65-125			
m,p-Xylenes	58.3	1.0	ug/l	50.0	ND	117	60-125			
Surrogate: Dibromofluoromethane	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22014 Extracted: 01/22/04										
Matrix Spike Dup Analyzed: 01/22/04 (4A22014-MSD1)					**Source: INA0903-12**					
Acetone	19.3	10	ug/l	25.0	5.9	54	10-150	21	35	
Benzene	25.9	0.50	ug/l	25.0	ND	104	70-120	3	20	
Bromobenzene	29.0	1.0	ug/l	25.0	ND	116	60-135	4	25	
Bromochloromethane	27.0	1.0	ug/l	25.0	ND	108	60-140	5	25	
Bromodichloromethane	28.6	1.0	ug/l	25.0	ND	114	70-140	7	20	
Bromoform	27.8	1.0	ug/l	25.0	ND	111	50-135	14	25	
Bromomethane	22.7	1.0	ug/l	25.0	ND	91	50-140	5	25	
n-Butylbenzene	29.2	1.0	ug/l	25.0	ND	117	70-135	3	20	
sec-Butylbenzene	29.5	1.0	ug/l	25.0	ND	118	70-130	4	20	
tert-Butylbenzene	31.2	1.0	ug/l	25.0	ND	125	70-130	3	20	
Carbon tetrachloride	28.8	0.50	ug/l	25.0	ND	115	70-140	6	25	
Chlorobenzene	27.1	1.0	ug/l	25.0	ND	108	80-125	4	20	
Chloroethane	22.9	1.0	ug/l	25.0	ND	92	50-145	6	25	
Chloroform	26.8	1.0	ug/l	25.0	ND	107	70-130	5	20	
Chloromethane	17.6	1.0	ug/l	25.0	ND	70	30-145	1	30	
2-Chlorotoluene	29.3	1.0	ug/l	25.0	ND	117	65-145	2	25	
4-Chlorotoluene	29.4	1.0	ug/l	25.0	ND	118	70-145	4	20	
Dibromochloromethane	28.1	1.0	ug/l	25.0	ND	112	65-145	11	20	
1,2-Dibromo-3-chloropropane	26.2	5.0	ug/l	25.0	ND	105	50-150	20	25	
1,2-Dibromoethane (EDB)	26.8	1.0	ug/l	25.0	ND	107	70-125	11	20	
Dibromomethane	27.0	1.0	ug/l	25.0	ND	108	65-135	10	20	
1,2-Dichlorobenzene	29.2	1.0	ug/l	25.0	ND	117	70-130	6	20	
1,3-Dichlorobenzene	28.0	1.0	ug/l	25.0	ND	112	70-130	3	20	
1,4-Dichlorobenzene	27.4	1.0	ug/l	25.0	ND	110	75-120	6	20	
Dichlorodifluoromethane	12.5	5.0	ug/l	25.0	ND	50	10-160	10	30	
1,1-Dichloroethane	25.7	1.0	ug/l	25.0	ND	103	65-135	5	20	
1,2-Dichloroethane	27.8	0.50	ug/l	25.0	ND	111	60-150	9	25	
1,1-Dichloroethene	26.3	1.0	ug/l	25.0	ND	105	65-145	6	25	
cis-1,2-Dichloroethene	26.2	1.0	ug/l	25.0	ND	105	60-130	6	20	
trans-1,2-Dichloroethene	26.7	1.0	ug/l	25.0	ND	107	60-135	4	20	
1,2-Dichloropropane	25.8	1.0	ug/l	25.0	ND	103	60-130	5	20	
1,3-Dichloropropane	25.1	1.0	ug/l	25.0	ND	100	65-140	9	25	
2,2-Dichloropropane	26.3	1.0	ug/l	25.0	ND	105	60-150	4	20	
1,1-Dichloropropene	27.3	1.0	ug/l	25.0	ND	109	60-145	4	20	
cis-1,3-Dichloropropene	28.6	0.50	ug/l	25.0	ND	114	70-140	6	20	

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Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22014 Extracted: 01/22/04										
Matrix Spike Dup Analyzed: 01/22/04 (4A22014-MSD1)					**Source: INA0903-12**					
trans-1,3-Dichloropropene	29.6	0.50	ug/l	25.0	ND	118	70-140	10	20	
Ethylbenzene	28.4	1.0	ug/l	25.0	ND	114	70-125	5	20	
Hexachlorobutadiene	28.0	1.0	ug/l	25.0	ND	112	65-140	5	25	
Isopropylbenzene	31.0	1.0	ug/l	25.0	ND	124	65-130	1	25	
p-Isopropyltoluene	28.1	1.0	ug/l	25.0	ND	112	70-130	2	20	
Methylene chloride	25.8	5.0	ug/l	25.0	1.2	98	60-135	8	20	
Methyl-tert-butyl Ether (MTBE)	29.9	1.0	ug/l	25.0	ND	120	50-150	13	25	
Naphthalene	29.8	1.0	ug/l	25.0	ND	119	50-145	14	25	
n-Propylbenzene	30.6	1.0	ug/l	25.0	ND	122	70-135	3	20	
Styrene	30.5	1.0	ug/l	25.0	ND	122	60-145	5	25	
1,1,1,2-Tetrachloroethane	27.8	1.0	ug/l	25.0	ND	111	65-145	6	20	
1,1,2,2-Tetrachloroethane	26.1	1.0	ug/l	25.0	ND	104	60-140	14	25	
Tetrachloroethene	28.0	1.0	ug/l	25.0	ND	112	70-130	4	20	
Toluene	26.9	1.0	ug/l	25.0	ND	108	65-120	4	20	
1,2,3-Trichlorobenzene	29.2	1.0	ug/l	25.0	ND	117	60-135	10	20	
1,2,4-Trichlorobenzene	30.2	1.0	ug/l	25.0	ND	121	55-140	8	25	
1,1,1-Trichloroethane	27.7	1.0	ug/l	25.0	ND	111	75-140	5	20	
1,1,2-Trichloroethane	26.0	1.0	ug/l	25.0	ND	104	60-135	11	20	
Trichloroethene	26.5	1.0	ug/l	25.0	ND	106	70-125	5	20	
Trichlorofluoromethane	23.8	1.0	ug/l	25.0	ND	95	50-150	8	25	
1,2,3-Trichloropropane	25.2	1.0	ug/l	25.0	ND	101	60-140	13	25	
1,2,4-Trimethylbenzene	29.7	1.0	ug/l	25.0	ND	119	60-125	3	20	
1,3,5-Trimethylbenzene	30.1	1.0	ug/l	25.0	ND	120	70-130	2	20	
Vinyl chloride	20.5	0.50	ug/l	25.0	ND	82	40-130	4	25	
o-Xylene	28.2	1.0	ug/l	25.0	ND	113	65-125	5	20	
m,p-Xylenes	55.9	1.0	ug/l	50.0	ND	112	60-125	4	25	
Surrogate: Dibromofluoromethane	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: Toluene-d8	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			

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10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A21030 Extracted: 01/21/04										
Blank Analyzed: 01/21/04 (4A21030-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A21030 Extracted: 01/21/04										
Blank Analyzed: 01/21/04 (4A21030-BLK1)										
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	4.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	*50.8*		*ug/kg*	*50.0*		*102*	*80-125*			
Surrogate: Toluene-d8	*57.5*		*ug/kg*	*50.0*		*115*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*50.9*		*ug/kg*	*50.0*		*102*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A21030 Extracted: 01/21/04										
LCS Analyzed: 01/21/04 (4A21030-BS1)										
Acetone	26.1	10	ug/kg	50.0		52	40-155			
Benzene	45.6	2.0	ug/kg	50.0		91	70-120			
Bromobenzene	47.7	5.0	ug/kg	50.0		95	80-120			
Bromochloromethane	44.7	5.0	ug/kg	50.0		89	65-135			
Bromodichloromethane	48.2	2.0	ug/kg	50.0		96	70-140			
Bromoform	37.1	5.0	ug/kg	50.0		74	60-140			
Bromomethane	47.6	5.0	ug/kg	50.0		95	60-140			
2-Butanone (MEK)	32.5	10	ug/kg	50.0		65	50-145			
n-Butylbenzene	50.8	5.0	ug/kg	50.0		102	75-130			
sec-Butylbenzene	50.4	5.0	ug/kg	50.0		101	75-125			
tert-Butylbenzene	49.3	5.0	ug/kg	50.0		99	80-125			
Carbon tetrachloride	50.3	5.0	ug/kg	50.0		101	70-140			
Chlorobenzene	48.5	2.0	ug/kg	50.0		97	80-125			
Chloroethane	46.0	5.0	ug/kg	50.0		92	55-145			
Chloroform	47.0	2.0	ug/kg	50.0		94	75-120			
Chloromethane	37.8	5.0	ug/kg	50.0		76	35-145			
2-Chlorotoluene	48.7	5.0	ug/kg	50.0		97	75-125			
4-Chlorotoluene	49.5	5.0	ug/kg	50.0		99	80-125			
Dibromochloromethane	46.0	2.0	ug/kg	50.0		92	65-145			
1,2-Dibromo-3-chloropropane	29.8	5.0	ug/kg	50.0		60	50-150			
1,2-Dibromoethane (EDB)	43.1	2.0	ug/kg	50.0		86	70-130			
Dibromomethane	43.7	2.0	ug/kg	50.0		87	70-130			
1,2-Dichlorobenzene	46.3	2.0	ug/kg	50.0		93	80-125			
1,3-Dichlorobenzene	47.6	2.0	ug/kg	50.0		95	80-120			
1,4-Dichlorobenzene	47.5	2.0	ug/kg	50.0		95	80-120			
Dichlorodifluoromethane	27.5	5.0	ug/kg	50.0		55	10-160			
1,1-Dichloroethane	47.2	2.0	ug/kg	50.0		94	70-135			
1,2-Dichloroethane	45.2	2.0	ug/kg	50.0		90	60-150			
1,1-Dichloroethene	46.9	5.0	ug/kg	50.0		94	75-130			
cis-1,2-Dichloroethene	46.6	2.0	ug/kg	50.0		93	70-125			
trans-1,2-Dichloroethene	47.7	2.0	ug/kg	50.0		95	70-130			
1,2-Dichloropropane	47.4	2.0	ug/kg	50.0		95	70-120			
1,3-Dichloropropane	44.2	2.0	ug/kg	50.0		88	70-130			
2,2-Dichloropropane	53.2	2.0	ug/kg	50.0		106	70-150			
1,1-Dichloropropene	48.5	2.0	ug/kg	50.0		97	75-130			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A21030 Extracted: 01/21/04										
LCS Analyzed: 01/21/04 (4A21030-BS1)										
cis-1,3-Dichloropropene	45.4	2.0	ug/kg	50.0		91	75-130			
trans-1,3-Dichloropropene	43.7	2.0	ug/kg	50.0		87	70-135			
Ethylbenzene	49.3	2.0	ug/kg	50.0		99	75-125			
Hexachlorobutadiene	48.2	5.0	ug/kg	50.0		96	75-140			
2-Hexanone	33.8	10	ug/kg	50.0		68	40-155			
Isopropylbenzene	50.1	2.0	ug/kg	50.0		100	75-125			
p-Isopropyltoluene	48.9	2.0	ug/kg	50.0		98	75-125			
Methylene chloride	43.2	20	ug/kg	50.0		86	60-135			
4-Methyl-2-pentanone (MIBK)	35.7	5.0	ug/kg	50.0		71	50-145			
Methyl-tert-butyl Ether (MTBE)	41.9	5.0	ug/kg	50.0		84	55-145			
Naphthalene	38.5	5.0	ug/kg	50.0		77	50-145			
n-Propylbenzene	51.8	2.0	ug/kg	50.0		104	75-130			
Styrene	50.3	2.0	ug/kg	50.0		101	80-135			
1,1,1,2-Tetrachloroethane	45.7	5.0	ug/kg	50.0		91	70-145			
1,1,2,2-Tetrachloroethane	41.8	2.0	ug/kg	50.0		84	55-145			
Tetrachloroethene	49.4	2.0	ug/kg	50.0		99	80-125			
Toluene	47.2	2.0	ug/kg	50.0		94	75-120			
1,2,3-Trichlorobenzene	40.0	5.0	ug/kg	50.0		80	65-135			
1,2,4-Trichlorobenzene	46.5	5.0	ug/kg	50.0		93	70-140			
1,1,1-Trichloroethane	47.7	2.0	ug/kg	50.0		95	75-140			
1,1,2-Trichloroethane	43.6	2.0	ug/kg	50.0		87	65-130			
Trichloroethene	47.6	2.0	ug/kg	50.0		95	75-125			
Trichlorofluoromethane	44.1	5.0	ug/kg	50.0		88	50-145			
1,2,3-Trichloropropane	40.3	10	ug/kg	50.0		81	55-140			
1,2,4-Trimethylbenzene	50.1	2.0	ug/kg	50.0		100	75-125			
1,3,5-Trimethylbenzene	50.6	2.0	ug/kg	50.0		101	80-125			
Vinyl chloride	42.0	5.0	ug/kg	50.0		84	45-130			
o-Xylene	46.7	2.0	ug/kg	50.0		93	75-125			
m,p-Xylenes	98.1	2.0	ug/kg	100		98	75-125			
Xylenes, Total	145	4.0	ug/kg	150		97	75-125			
Surrogate: Dibromofluoromethane	*49.7*		*ug/kg*	*50.0*		*99*	*80-125*			
Surrogate: Toluene-d8	*57.6*		*ug/kg*	*50.0*		*115*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*50.7*		*ug/kg*	*50.0*		*101*	*80-120*			

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Report Number: INA0977

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A21030 Extracted: 01/21/04										
LCS Dup Analyzed: 01/21/04 (4A21030-BSD1)										
Acetone	29.2	10	ug/kg	50.0		58	40-155	11	30	
Benzene	45.9	2.0	ug/kg	50.0		92	70-120	1	20	
Bromobenzene	48.4	5.0	ug/kg	50.0		97	80-120	1	20	
Bromochloromethane	48.7	5.0	ug/kg	50.0		97	65-135	9	20	
Bromodichloromethane	49.8	2.0	ug/kg	50.0		100	70-140	3	20	
Bromoform	40.7	5.0	ug/kg	50.0		81	60-140	9	20	
Bromomethane	47.1	5.0	ug/kg	50.0		94	60-140	1	20	
2-Butanone (MEK)	36.7	10	ug/kg	50.0		73	50-145	12	50	
n-Butylbenzene	51.4	5.0	ug/kg	50.0		103	75-130	1	20	
sec-Butylbenzene	50.8	5.0	ug/kg	50.0		102	75-125	1	20	
tert-Butylbenzene	49.5	5.0	ug/kg	50.0		99	80-125	0	20	
Carbon tetrachloride	50.6	5.0	ug/kg	50.0		101	70-140	1	20	
Chlorobenzene	49.3	2.0	ug/kg	50.0		99	80-125	2	20	
Chloroethane	46.2	5.0	ug/kg	50.0		92	55-145	0	25	
Chloroform	49.7	2.0	ug/kg	50.0		99	75-120	6	20	
Chloromethane	38.4	5.0	ug/kg	50.0		77	35-145	2	25	
2-Chlorotoluene	49.2	5.0	ug/kg	50.0		98	75-125	1	20	
4-Chlorotoluene	50.0	5.0	ug/kg	50.0		100	80-125	1	20	
Dibromochloromethane	49.6	2.0	ug/kg	50.0		99	65-145	8	20	
1,2-Dibromo-3-chloropropane	33.8	5.0	ug/kg	50.0		68	50-150	13	25	
1,2-Dibromoethane (EDB)	47.6	2.0	ug/kg	50.0		95	70-130	10	20	
Dibromomethane	46.9	2.0	ug/kg	50.0		94	70-130	7	20	
1,2-Dichlorobenzene	48.1	2.0	ug/kg	50.0		96	80-125	4	20	
1,3-Dichlorobenzene	49.0	2.0	ug/kg	50.0		98	80-120	3	20	
1,4-Dichlorobenzene	48.8	2.0	ug/kg	50.0		98	80-120	3	20	
Dichlorodifluoromethane	28.9	5.0	ug/kg	50.0		58	10-160	5	30	
1,1-Dichloroethane	48.8	2.0	ug/kg	50.0		98	70-135	3	20	
1,2-Dichloroethane	48.3	2.0	ug/kg	50.0		97	60-150	7	20	
1,1-Dichloroethene	47.5	5.0	ug/kg	50.0		95	75-130	1	20	
cis-1,2-Dichloroethene	47.4	2.0	ug/kg	50.0		95	70-125	2	20	
trans-1,2-Dichloroethene	49.4	2.0	ug/kg	50.0		99	70-130	4	20	
1,2-Dichloropropane	48.5	2.0	ug/kg	50.0		97	70-120	2	20	
1,3-Dichloropropane	47.4	2.0	ug/kg	50.0		95	70-130	7	20	
2,2-Dichloropropane	52.3	2.0	ug/kg	50.0		105	70-150	2	20	
1,1-Dichloropropene	48.3	2.0	ug/kg	50.0		97	75-130	0	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A21030 Extracted: 01/21/04										
LCS Dup Analyzed: 01/21/04 (4A21030-BSD1)										
cis-1,3-Dichloropropene	47.3	2.0	ug/kg	50.0		95	75-130	4	20	
trans-1,3-Dichloropropene	46.0	2.0	ug/kg	50.0		92	70-135	5	20	
Ethylbenzene	49.7	2.0	ug/kg	50.0		99	75-125	1	20	
Hexachlorobutadiene	48.2	5.0	ug/kg	50.0		96	75-140	0	20	
2-Hexanone	38.8	10	ug/kg	50.0		78	40-155	14	30	
Isopropylbenzene	49.4	2.0	ug/kg	50.0		99	75-125	1	20	
p-Isopropyltoluene	49.3	2.0	ug/kg	50.0		99	75-125	1	20	
Methylene chloride	46.7	20	ug/kg	50.0		93	60-135	8	20	
4-Methyl-2-pentanone (MIBK)	41.2	5.0	ug/kg	50.0		82	50-145	14	30	
Methyl-tert-butyl Ether (MTBE)	47.7	5.0	ug/kg	50.0		95	55-145	13	25	
Naphthalene	42.7	5.0	ug/kg	50.0		85	50-145	10	25	
n-Propylbenzene	51.3	2.0	ug/kg	50.0		103	75-130	1	20	
Styrene	51.8	2.0	ug/kg	50.0		104	80-135	3	20	
1,1,1,2-Tetrachloroethane	47.6	5.0	ug/kg	50.0		95	70-145	4	20	
1,1,2,2-Tetrachloroethane	46.8	2.0	ug/kg	50.0		94	55-145	11	30	
Tetrachloroethene	49.6	2.0	ug/kg	50.0		99	80-125	0	20	
Toluene	47.4	2.0	ug/kg	50.0		95	75-120	0	20	
1,2,3-Trichlorobenzene	41.6	5.0	ug/kg	50.0		83	65-135	4	20	
1,2,4-Trichlorobenzene	47.8	5.0	ug/kg	50.0		96	70-140	3	20	
1,1,1-Trichloroethane	49.2	2.0	ug/kg	50.0		98	75-140	3	20	
1,1,2-Trichloroethane	47.1	2.0	ug/kg	50.0		94	65-130	8	20	
Trichloroethene	48.6	2.0	ug/kg	50.0		97	75-125	2	20	
Trichlorofluoromethane	45.0	5.0	ug/kg	50.0		90	50-145	2	25	
1,2,3-Trichloropropane	44.5	10	ug/kg	50.0		89	55-140	10	25	
1,2,4-Trimethylbenzene	50.3	2.0	ug/kg	50.0		101	75-125	0	20	
1,3,5-Trimethylbenzene	50.7	2.0	ug/kg	50.0		101	80-125	0	20	
Vinyl chloride	41.5	5.0	ug/kg	50.0		83	45-130	1	25	
o-Xylene	48.2	2.0	ug/kg	50.0		96	75-125	3	20	
m,p-Xylenes	97.1	2.0	ug/kg	100		97	75-125	1	20	
Xylenes, Total	145	4.0	ug/kg	150		97	75-125	0	20	
Surrogate: Dibromofluoromethane	*51.7*		*ug/kg*	*50.0*		*103*	*80-125*			
Surrogate: Toluene-d8	*57.0*		*ug/kg*	*50.0*		*114*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*51.8*		*ug/kg*	*50.0*		*104*	*80-120*			

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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Blank Analyzed: 01/24/04 (4A23026-BLK1)										
Acetone	ND	1500	ug/kg							
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
2-Butanone (MEK)	ND	1000	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Blank Analyzed: 01/24/04 (4A23026-BLK1)										
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
2-Hexanone	ND	500	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	500	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	250	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Xylenes, Total	ND	200	ug/kg							
Di-isopropyl Ether (DIPE)	ND	250	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	250	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	250	ug/kg							
tert-Butanol (TBA)	ND	2500	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	500	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Blank Analyzed: 01/24/04 (4A23026-BLK1)										
Surrogate: Dibromofluoromethane	*2840*		*ug/kg*	*2500*		*114*	*50-160*			
Surrogate: Toluene-d8	*2860*		*ug/kg*	*2500*		*114*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2910*		*ug/kg*	*2500*		*116*	*60-150*			
LCS Analyzed: 01/24/04 (4A23026-BS1)										
Acetone	2320	1500	ug/kg	2500		93	35-120			
Benzene	2850	100	ug/kg	2500		114	75-125			
Bromobenzene	2690	250	ug/kg	2500		108	80-120			
Bromochloromethane	2840	250	ug/kg	2500		114	65-140			
Bromodichloromethane	2760	100	ug/kg	2500		110	70-140			
Bromoform	2460	250	ug/kg	2500		98	60-130			
Bromomethane	1320	250	ug/kg	2500		53	35-140			
2-Butanone (MEK)	2610	1000	ug/kg	2500		104	45-145			
n-Butylbenzene	2510	250	ug/kg	2500		100	80-130			
sec-Butylbenzene	2640	250	ug/kg	2500		106	75-125			
tert-Butylbenzene	2640	250	ug/kg	2500		106	80-125			
Carbon tetrachloride	2660	250	ug/kg	2500		106	70-140			
Chlorobenzene	2780	100	ug/kg	2500		111	80-125			
Chloroethane	1460	250	ug/kg	2500		58	40-145			
Chloroform	2690	100	ug/kg	2500		108	75-130			
Chloromethane	1630	250	ug/kg	2500		65	30-145			
2-Chlorotoluene	2720	250	ug/kg	2500		109	75-125			
4-Chlorotoluene	2720	250	ug/kg	2500		109	80-125			
Dibromochloromethane	2830	100	ug/kg	2500		113	65-145			
1,2-Dibromo-3-chloropropane	2470	250	ug/kg	2500		99	45-135			
1,2-Dibromoethane (EDB)	2880	100	ug/kg	2500		115	75-130			
Dibromomethane	2870	100	ug/kg	2500		115	75-135			
1,2-Dichlorobenzene	2660	100	ug/kg	2500		106	80-120			
1,3-Dichlorobenzene	2730	100	ug/kg	2500		109	80-120			
1,4-Dichlorobenzene	2800	100	ug/kg	2500		112	80-120			
Dichlorodifluoromethane	711	250	ug/kg	2500		28	10-160			
1,1-Dichloroethane	2640	100	ug/kg	2500		106	70-135			
1,2-Dichloroethane	2740	100	ug/kg	2500		110	60-150			
1,1-Dichloroethene	2690	250	ug/kg	2500		108	80-145			
cis-1,2-Dichloroethene	2690	100	ug/kg	2500		108	70-135			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
LCS Analyzed: 01/24/04 (4A23026-BS1)										
trans-1,2-Dichloroethene	2620	100	ug/kg	2500		105	70-135			
1,2-Dichloropropane	2680	100	ug/kg	2500		107	75-125			
1,3-Dichloropropane	2840	100	ug/kg	2500		114	75-130			
2,2-Dichloropropane	2680	100	ug/kg	2500		107	70-150			
1,1-Dichloropropene	2660	100	ug/kg	2500		106	75-130			
cis-1,3-Dichloropropene	2870	100	ug/kg	2500		115	75-130			
trans-1,3-Dichloropropene	2920	100	ug/kg	2500		117	75-135			
Ethylbenzene	2620	100	ug/kg	2500		105	80-120			
Hexachlorobutadiene	2430	250	ug/kg	2500		97	75-140			
2-Hexanone	2910	500	ug/kg	2500		116	40-135			
Isopropylbenzene	2720	100	ug/kg	2500		109	75-125			
p-Isopropyltoluene	2720	100	ug/kg	2500		109	80-125			
Methylene chloride	2680	1000	ug/kg	2500		107	60-145			
4-Methyl-2-pentanone (MIBK)	2970	500	ug/kg	2500		119	50-140			
Methyl-tert-butyl Ether (MTBE)	2930	250	ug/kg	2500		117	55-150			
Naphthalene	2630	250	ug/kg	2500		105	50-145			
n-Propylbenzene	2620	100	ug/kg	2500		105	75-130			
Styrene	2950	100	ug/kg	2500		118	80-135			
1,1,1,2-Tetrachloroethane	2640	250	ug/kg	2500		106	70-145			
1,1,2,2-Tetrachloroethane	2840	100	ug/kg	2500		114	60-135			
Tetrachloroethene	2710	100	ug/kg	2500		108	80-125			
Toluene	2680	100	ug/kg	2500		107	80-125			
1,2,3-Trichlorobenzene	2570	250	ug/kg	2500		103	65-135			
1,2,4-Trichlorobenzene	2600	250	ug/kg	2500		104	70-140			
1,1,1-Trichloroethane	2540	100	ug/kg	2500		102	75-140			
1,1,2-Trichloroethane	2820	100	ug/kg	2500		113	70-130			
Trichloroethene	2720	100	ug/kg	2500		109	80-130			
Trichlorofluoromethane	1980	250	ug/kg	2500		79	55-145			
1,2,3-Trichloropropane	2850	500	ug/kg	2500		114	60-130			
1,2,4-Trimethylbenzene	2720	100	ug/kg	2500		109	80-125			
1,3,5-Trimethylbenzene	2660	100	ug/kg	2500		106	80-125			
Vinyl chloride	909	250	ug/kg	2500		36	10-120			
o-Xylene	2780	100	ug/kg	2500		111	80-125			
m,p-Xylenes	5570	100	ug/kg	5000		111	80-120			
Xylenes, Total	8340	200	ug/kg	7500		111	80-125			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
LCS Analyzed: 01/24/04 (4A23026-BS1)										
Di-isopropyl Ether (DIPE)	2600	250	ug/kg	2500		104	65-145			
Ethyl tert-Butyl Ether (ETBE)	3050	250	ug/kg	2500		122	60-150			
tert-Amyl Methyl Ether (TAME)	3200	250	ug/kg	2500		128	60-150			
tert-Butanol (TBA)	13000	2500	ug/kg	12500		104	75-140			
Surrogate: Dibromofluoromethane	*2840*		*ug/kg*	*2500*		*114*	*50-160*			
Surrogate: Toluene-d8	*2970*		*ug/kg*	*2500*		*119*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2880*		*ug/kg*	*2500*		*115*	*60-150*			
LCS Dup Analyzed: 01/24/04 (4A23026-BSD1)										
Acetone	1920	1500	ug/kg	2500		77	35-120	19	30	
Benzene	2530	100	ug/kg	2500		101	75-125	12	20	
Bromobenzene	2520	250	ug/kg	2500		101	80-120	7	20	
Bromochloromethane	2620	250	ug/kg	2500		105	65-140	8	20	
Bromodichloromethane	2480	100	ug/kg	2500		99	70-140	11	20	
Bromoform	2070	250	ug/kg	2500		83	60-130	17	25	
Bromomethane	1350	250	ug/kg	2500		54	35-140	2	30	
2-Butanone (MEK)	2230	1000	ug/kg	2500		89	45-145	16	25	
n-Butylbenzene	2500	250	ug/kg	2500		100	80-130	0	20	
sec-Butylbenzene	2390	250	ug/kg	2500		96	75-125	10	20	
tert-Butylbenzene	2460	250	ug/kg	2500		98	80-125	7	20	
Carbon tetrachloride	2380	250	ug/kg	2500		95	70-140	11	20	
Chlorobenzene	2630	100	ug/kg	2500		105	80-125	6	20	
Chloroethane	1480	250	ug/kg	2500		59	40-145	1	25	
Chloroform	2550	100	ug/kg	2500		102	75-130	5	20	
Chloromethane	1480	250	ug/kg	2500		59	30-145	10	25	
2-Chlorotoluene	2500	250	ug/kg	2500		100	75-125	8	20	
4-Chlorotoluene	2470	250	ug/kg	2500		99	80-125	10	20	
Dibromochloromethane	2500	100	ug/kg	2500		100	65-145	12	20	
1,2-Dibromo-3-chloropropane	1940	250	ug/kg	2500		78	45-135	24	25	
1,2-Dibromoethane (EDB)	2520	100	ug/kg	2500		101	75-130	13	20	
Dibromomethane	2340	100	ug/kg	2500		94	75-135	20	20	
1,2-Dichlorobenzene	2510	100	ug/kg	2500		100	80-120	6	20	
1,3-Dichlorobenzene	2460	100	ug/kg	2500		98	80-120	10	20	
1,4-Dichlorobenzene	2610	100	ug/kg	2500		104	80-120	7	20	
Dichlorodifluoromethane	559	250	ug/kg	2500		22	10-160	24	30	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
LCS Dup Analyzed: 01/24/04 (4A23026-BSD1)										
1,1-Dichloroethane	2520	100	ug/kg	2500		101	70-135	5	20	
1,2-Dichloroethane	2260	100	ug/kg	2500		90	60-150	19	25	
1,1-Dichloroethene	2540	250	ug/kg	2500		102	80-145	6	20	
cis-1,2-Dichloroethene	2590	100	ug/kg	2500		104	70-135	4	20	
trans-1,2-Dichloroethene	2450	100	ug/kg	2500		98	70-135	7	20	
1,2-Dichloropropane	2360	100	ug/kg	2500		94	75-125	13	20	
1,3-Dichloropropane	2480	100	ug/kg	2500		99	75-130	14	20	
2,2-Dichloropropane	2690	100	ug/kg	2500		108	70-150	0	20	
1,1-Dichloropropene	2480	100	ug/kg	2500		99	75-130	7	20	
cis-1,3-Dichloropropene	2540	100	ug/kg	2500		102	75-130	12	20	
trans-1,3-Dichloropropene	2440	100	ug/kg	2500		98	75-135	18	20	
Ethylbenzene	2580	100	ug/kg	2500		103	80-120	2	20	
Hexachlorobutadiene	2250	250	ug/kg	2500		90	75-140	8	20	
2-Hexanone	2170	500	ug/kg	2500		87	40-135	29	25	*R-7*
Isopropylbenzene	2500	100	ug/kg	2500		100	75-125	8	20	
p-Isopropyltoluene	2550	100	ug/kg	2500		102	80-125	6	20	
Methylene chloride	2460	1000	ug/kg	2500		98	60-145	9	20	
4-Methyl-2-pentanone (MIBK)	2110	500	ug/kg	2500		84	50-140	34	25	*R-7*
Methyl-tert-butyl Ether (MTBE)	2450	250	ug/kg	2500		98	55-150	18	25	
Naphthalene	2130	250	ug/kg	2500		85	50-145	21	25	
n-Propylbenzene	2550	100	ug/kg	2500		102	75-130	3	20	
Styrene	2850	100	ug/kg	2500		114	80-135	3	20	
1,1,1,2-Tetrachloroethane	2470	250	ug/kg	2500		99	70-145	7	20	
1,1,2,2-Tetrachloroethane	2350	100	ug/kg	2500		94	60-135	19	25	
Tetrachloroethene	2560	100	ug/kg	2500		102	80-125	6	20	
Toluene	2420	100	ug/kg	2500		97	80-125	10	20	
1,2,3-Trichlorobenzene	2420	250	ug/kg	2500		97	65-135	6	20	
1,2,4-Trichlorobenzene	2550	250	ug/kg	2500		102	70-140	2	20	
1,1,1-Trichloroethane	2420	100	ug/kg	2500		97	75-140	5	20	
1,1,2-Trichloroethane	2250	100	ug/kg	2500		90	70-130	22	20	*R-7*
Trichloroethene	2410	100	ug/kg	2500		96	80-130	12	20	
Trichlorofluoromethane	1930	250	ug/kg	2500		77	55-145	3	25	
1,2,3-Trichloropropane	2260	500	ug/kg	2500		90	60-130	23	20	*R-7*
1,2,4-Trimethylbenzene	2550	100	ug/kg	2500		102	80-125	6	20	
1,3,5-Trimethylbenzene	2570	100	ug/kg	2500		103	80-125	3	20	

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Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
LCS Dup Analyzed: 01/24/04 (4A23026-BSD1)										
Vinyl chloride	964	250	ug/kg	2500		39	10-120	6	30	
o-Xylene	2620	100	ug/kg	2500		105	80-125	6	20	
m,p-Xylenes	5500	100	ug/kg	5000		110	80-120	1	20	
Xylenes, Total	8120	200	ug/kg	7500		108	80-125	3	20	
Di-isopropyl Ether (DIPE)	2570	250	ug/kg	2500		103	65-145	1	20	
Ethyl tert-Butyl Ether (ETBE)	2820	250	ug/kg	2500		113	60-150	8	25	
tert-Amyl Methyl Ether (TAME)	2800	250	ug/kg	2500		112	60-150	13	25	
tert-Butanol (TBA)	13400	2500	ug/kg	12500		107	75-140	3	20	
Surrogate: Dibromofluoromethane	*2730*		*ug/kg*	*2500*		*109*	*50-160*			
Surrogate: Toluene-d8	*2550*		*ug/kg*	*2500*		*102*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2720*		*ug/kg*	*2500*		*109*	*60-150*			
Matrix Spike Analyzed: 01/24/04 (4A23026-MS1)					**Source: INA1064-01**					
Acetone	20700	3000	ug/kg	2500	ND	828	20-150			*M1*
Benzene	7430	200	ug/kg	2500	4500	117	60-140			
Bromobenzene	1740	500	ug/kg	2500	ND	70	65-130			
Bromochloromethane	2270	500	ug/kg	2500	ND	91	60-145			
Bromodichloromethane	2220	200	ug/kg	2500	ND	89	65-150			
Bromoform	2270	500	ug/kg	2500	ND	91	55-150			
Bromomethane	1490	500	ug/kg	2500	ND	60	30-160			
2-Butanone (MEK)	1570	2000	ug/kg	2500	ND	63	15-180			
n-Butylbenzene	4290	500	ug/kg	2500	ND	172	60-150			*M1*
sec-Butylbenzene	5910	500	ug/kg	2500	4600	52	65-145			*M2*
tert-Butylbenzene	2260	500	ug/kg	2500	660	64	60-150			
Carbon tetrachloride	2140	500	ug/kg	2500	ND	86	70-140			
Chlorobenzene	3140	200	ug/kg	2500	ND	126	70-140			
Chloroethane	1590	500	ug/kg	2500	ND	64	30-170			
Chloroform	2250	200	ug/kg	2500	ND	90	60-140			
Chloromethane	968	500	ug/kg	2500	ND	39	30-160			
2-Chlorotoluene	2830	500	ug/kg	2500	ND	113	60-140			
4-Chlorotoluene	2260	500	ug/kg	2500	ND	90	70-135			
Dibromochloromethane	3450	200	ug/kg	2500	ND	138	60-150			
1,2-Dibromo-3-chloropropane	1990	500	ug/kg	2500	ND	80	40-150			
1,2-Dibromoethane (EDB)	2100	200	ug/kg	2500	ND	84	65-140			
Dibromomethane	2180	200	ug/kg	2500	ND	87	65-140			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/24/04 (4A23026-MS1)					**Source: INA1064-01**					
1,2-Dichlorobenzene	1740	200	ug/kg	2500	ND	70	70-130			
1,3-Dichlorobenzene	1630	200	ug/kg	2500	ND	65	60-155			
1,4-Dichlorobenzene	1670	200	ug/kg	2500	ND	67	55-150			
Dichlorodifluoromethane	302	500	ug/kg	2500	ND	12	10-160			
1,1-Dichloroethane	2180	200	ug/kg	2500	ND	87	60-155			
1,2-Dichloroethane	2110	200	ug/kg	2500	ND	84	55-150			
1,1-Dichloroethene	2070	500	ug/kg	2500	ND	83	60-165			
cis-1,2-Dichloroethene	2270	200	ug/kg	2500	ND	91	60-135			
trans-1,2-Dichloroethene	2160	200	ug/kg	2500	ND	86	50-155			
1,2-Dichloropropane	2260	200	ug/kg	2500	ND	90	65-135			
1,3-Dichloropropane	2100	200	ug/kg	2500	ND	84	65-135			
2,2-Dichloropropane	1770	200	ug/kg	2500	ND	71	60-150			
1,1-Dichloropropene	1940	200	ug/kg	2500	ND	78	60-140			
cis-1,3-Dichloropropene	2180	200	ug/kg	2500	ND	87	60-135			
trans-1,3-Dichloropropene	2140	200	ug/kg	2500	ND	86	55-155			
Ethylbenzene	20600	200	ug/kg	2500	15000	224	60-140			*M1*
Hexachlorobutadiene	952	500	ug/kg	2500	ND	38	65-145			*M2*
2-Hexanone	2540	1000	ug/kg	2500	ND	102	35-160			
Isopropylbenzene	9110	200	ug/kg	2500	7400	68	60-140			
p-Isopropyltoluene	4200	200	ug/kg	2500	2900	52	60-145			*M2*
Methylene chloride	2220	2000	ug/kg	2500	ND	89	50-155			
4-Methyl-2-pentanone (MIBK)	7950	1000	ug/kg	2500	ND	318	40-150			*M1*
Methyl-tert-butyl Ether (MTBE)	2250	500	ug/kg	2500	ND	90	45-160			
Naphthalene	12500	500	ug/kg	2500	11000	60	30-165			
n-Propylbenzene	11600	200	ug/kg	2500	10000	64	60-145			
Styrene	2370	200	ug/kg	2500	ND	95	60-145			
1,1,1,2-Tetrachloroethane	2420	500	ug/kg	2500	ND	97	65-145			
1,1,2,2-Tetrachloroethane	368	200	ug/kg	2500	270	4	60-150			*M2*
Tetrachloroethene	1850	200	ug/kg	2500	ND	74	65-145			
Toluene	2190	200	ug/kg	2500	ND	88	60-145			
1,2,3-Trichlorobenzene	1630	500	ug/kg	2500	ND	65	45-145			
1,2,4-Trichlorobenzene	1590	500	ug/kg	2500	ND	64	60-140			
1,1,1-Trichloroethane	2100	200	ug/kg	2500	ND	84	65-140			
1,1,2-Trichloroethane	3190	200	ug/kg	2500	ND	128	60-140			
Trichloroethene	3920	200	ug/kg	2500	ND	157	70-150			*M1*

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/24/04 (4A23026-MS1)					**Source: INA1064-01**					
Trichlorofluoromethane	1550	500	ug/kg	2500	ND	62	35-165			
1,2,3-Trichloropropane	1580	1000	ug/kg	2500	ND	63	50-150			
1,2,4-Trimethylbenzene	10700	200	ug/kg	2500	9600	44	70-135			*M2*
1,3,5-Trimethylbenzene	4480	200	ug/kg	2500	2900	63	70-135			*M2*
Vinyl chloride	718	500	ug/kg	2500	ND	29	10-120			
o-Xylene	2330	200	ug/kg	2500	130	88	60-145			
m,p-Xylenes	19200	200	ug/kg	5000	12000	144	60-140			*M1*
Xylenes, Total	21500	400	ug/kg	7500	12000	127	60-145			
Di-isopropyl Ether (DIPE)	2300	500	ug/kg	2500	ND	92	50-160			
Ethyl tert-Butyl Ether (ETBE)	2300	500	ug/kg	2500	ND	92	60-160			
tert-Amyl Methyl Ether (TAME)	2310	500	ug/kg	2500	ND	92	55-160			
tert-Butanol (TBA)	11100	5000	ug/kg	12500	ND	89	60-160			
Surrogate: Dibromofluoromethane	*1740*		*ug/kg*	*2500*		*70*	*50-160*			
Surrogate: Toluene-d8	*2020*		*ug/kg*	*2500*		*81*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2600*		*ug/kg*	*2500*		*104*	*60-150*			
Matrix Spike Dup Analyzed: 01/24/04 (4A23026-MSD1)					**Source: INA1064-01**					
Acetone	22400	3000	ug/kg	2500	ND	896	20-150	8	35	*M1*
Benzene	8330	200	ug/kg	2500	4500	153	60-140	11	25	*M1*
Bromobenzene	1790	500	ug/kg	2500	ND	72	65-130	3	25	
Bromochloromethane	2210	500	ug/kg	2500	ND	88	60-145	3	25	
Bromodichloromethane	2230	200	ug/kg	2500	ND	89	65-150	0	25	
Bromoform	2230	500	ug/kg	2500	ND	89	55-150	2	30	
Bromomethane	1440	500	ug/kg	2500	ND	58	30-160	3	30	
2-Butanone (MEK)	1530	2000	ug/kg	2500	ND	61	15-180	3	50	
n-Butylbenzene	4470	500	ug/kg	2500	ND	179	60-150	4	25	*M1*
sec-Butylbenzene	6160	500	ug/kg	2500	4600	62	65-145	4	25	*M2*
tert-Butylbenzene	2360	500	ug/kg	2500	660	68	60-150	4	20	
Carbon tetrachloride	2160	500	ug/kg	2500	ND	86	70-140	1	20	
Chlorobenzene	3230	200	ug/kg	2500	ND	129	70-140	3	25	
Chloroethane	1540	500	ug/kg	2500	ND	62	30-170	3	35	
Chloroform	2180	200	ug/kg	2500	ND	87	60-140	3	25	
Chloromethane	938	500	ug/kg	2500	ND	38	30-160	3	30	
2-Chlorotoluene	2950	500	ug/kg	2500	ND	118	60-140	4	25	
4-Chlorotoluene	2300	500	ug/kg	2500	ND	92	70-135	2	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A23026-MSD1)					**Source: INA1064-01**					
Dibromochloromethane	3040	200	ug/kg	2500	ND	122	60-150	13	25	
1,2-Dibromo-3-chloropropane	1920	500	ug/kg	2500	ND	77	40-150	4	30	
1,2-Dibromoethane (EDB)	2060	200	ug/kg	2500	ND	82	65-140	2	25	
Dibromomethane	2120	200	ug/kg	2500	ND	85	65-140	3	20	
1,2-Dichlorobenzene	1770	200	ug/kg	2500	ND	71	70-130	2	20	
1,3-Dichlorobenzene	1690	200	ug/kg	2500	ND	68	60-155	4	25	
1,4-Dichlorobenzene	1700	200	ug/kg	2500	ND	68	55-150	2	25	
Dichlorodifluoromethane	304	500	ug/kg	2500	ND	12	10-160	1	35	
1,1-Dichloroethane	2190	200	ug/kg	2500	ND	88	60-155	1	25	
1,2-Dichloroethane	2030	200	ug/kg	2500	ND	81	55-150	4	30	
1,1-Dichloroethene	2030	500	ug/kg	2500	ND	81	60-165	2	25	
cis-1,2-Dichloroethene	2170	200	ug/kg	2500	ND	87	60-135	5	25	
trans-1,2-Dichloroethene	2120	200	ug/kg	2500	ND	85	50-155	2	25	
1,2-Dichloropropane	2200	200	ug/kg	2500	ND	88	65-135	3	20	
1,3-Dichloropropane	2040	200	ug/kg	2500	ND	82	65-135	3	20	
2,2-Dichloropropane	1710	200	ug/kg	2500	ND	68	60-150	3	20	
1,1-Dichloropropene	1980	200	ug/kg	2500	ND	79	60-140	2	20	
cis-1,3-Dichloropropene	2170	200	ug/kg	2500	ND	87	60-135	1	25	
trans-1,3-Dichloropropene	2130	200	ug/kg	2500	ND	85	55-155	1	25	
Ethylbenzene	21600	200	ug/kg	2500	15000	264	60-140	5	25	*M1*
Hexachlorobutadiene	1020	500	ug/kg	2500	ND	41	65-145	7	25	*M2*
2-Hexanone	2510	1000	ug/kg	2500	ND	100	35-160	1	30	
Isopropylbenzene	9850	200	ug/kg	2500	7400	98	60-140	8	25	
p-Isopropyltoluene	4360	200	ug/kg	2500	2900	58	60-145	4	25	*M2*
Methylene chloride	2130	2000	ug/kg	2500	ND	85	50-155	4	25	
4-Methyl-2-pentanone (MIBK)	8550	1000	ug/kg	2500	ND	342	40-150	7	30	*M1*
Methyl-tert-butyl Ether (MTBE)	2180	500	ug/kg	2500	ND	87	45-160	3	30	
Naphthalene	12500	500	ug/kg	2500	11000	60	30-165	0	30	
n-Propylbenzene	12300	200	ug/kg	2500	10000	92	60-145	6	25	
Styrene	2360	200	ug/kg	2500	ND	94	60-145	0	20	
1,1,1,2-Tetrachloroethane	2240	500	ug/kg	2500	ND	90	65-145	8	20	
1,1,2,2-Tetrachloroethane	422	200	ug/kg	2500	270	6	60-150	14	20	*M2*
Tetrachloroethene	1860	200	ug/kg	2500	ND	74	65-145	1	25	
Toluene	2150	200	ug/kg	2500	ND	86	60-145	2	25	
1,2,3-Trichlorobenzene	1710	500	ug/kg	2500	ND	68	45-145	5	30	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A23026-MSD1)					**Source: INA1064-01**					
1,2,4-Trichlorobenzene	1630	500	ug/kg	2500	ND	65	60-140	2	25	
1,1,1-Trichloroethane	2030	200	ug/kg	2500	ND	81	65-140	3	25	
1,1,2-Trichloroethane	3340	200	ug/kg	2500	ND	134	60-140	5	20	
Trichloroethene	4000	200	ug/kg	2500	ND	160	70-150	2	25	*M1*
Trichlorofluoromethane	1520	500	ug/kg	2500	ND	61	35-165	2	30	
1,2,3-Trichloropropane	1520	1000	ug/kg	2500	ND	61	50-150	4	20	
1,2,4-Trimethylbenzene	11000	200	ug/kg	2500	9600	56	70-135	3	20	*M2*
1,3,5-Trimethylbenzene	4660	200	ug/kg	2500	2900	70	70-135	4	25	
Vinyl chloride	666	500	ug/kg	2500	ND	27	10-120	8	35	
o-Xylene	2350	200	ug/kg	2500	130	89	60-145	1	25	
m,p-Xylenes	20000	200	ug/kg	5000	12000	160	60-140	4	25	*M1*
Xylenes, Total	22400	400	ug/kg	7500	12000	139	60-145	4	30	
Di-isopropyl Ether (DIPE)	2200	500	ug/kg	2500	ND	88	50-160	4	25	
Ethyl tert-Butyl Ether (ETBE)	2230	500	ug/kg	2500	ND	89	60-160	3	25	
tert-Amyl Methyl Ether (TAME)	2390	500	ug/kg	2500	ND	96	55-160	3	25	
tert-Butanol (TBA)	11600	5000	ug/kg	12500	ND	93	60-160	4	25	
Surrogate: Dibromofluoromethane	*1710*		*ug/kg*	*2500*		*68*	*50-160*			
Surrogate: Toluene-d8	*1990*		*ug/kg*	*2500*		*80*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2570*		*ug/kg*	*2500*		*103*	*60-150*			
Batch: 4A23028 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A23028-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							

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Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A23028-BLK1)										
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A23028-BLK1)										
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	4.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	*53.5*		*ug/kg*	*50.0*		*107*	*80-125*			
Surrogate: Toluene-d8	*57.3*		*ug/kg*	*50.0*		*115*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*51.7*		*ug/kg*	*50.0*		*103*	*80-120*			
LCS Analyzed: 01/23/04 (4A23028-BS1)										
Acetone	36.6	10	ug/kg	50.0		73	40-155			
Benzene	47.7	2.0	ug/kg	50.0		95	70-120			
Bromobenzene	50.6	5.0	ug/kg	50.0		101	80-120			
Bromochloromethane	50.8	5.0	ug/kg	50.0		102	65-135			
Bromodichloromethane	54.8	2.0	ug/kg	50.0		110	70-140			
Bromoform	48.7	5.0	ug/kg	50.0		97	60-140			
Bromomethane	45.3	5.0	ug/kg	50.0		91	60-140			
2-Butanone (MEK)	53.8	10	ug/kg	50.0		108	50-145			
n-Butylbenzene	50.8	5.0	ug/kg	50.0		102	75-130			
sec-Butylbenzene	50.2	5.0	ug/kg	50.0		100	75-125			
tert-Butylbenzene	49.8	5.0	ug/kg	50.0		100	80-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
LCS Analyzed: 01/23/04 (4A23028-BS1)										
Carbon tetrachloride	53.2	5.0	ug/kg	50.0		106	70-140			
Chlorobenzene	51.4	2.0	ug/kg	50.0		103	80-125			
Chloroethane	45.2	5.0	ug/kg	50.0		90	55-145			
Chloroform	51.1	2.0	ug/kg	50.0		102	75-120			
Chloromethane	38.2	5.0	ug/kg	50.0		76	35-145			
2-Chlorotoluene	49.6	5.0	ug/kg	50.0		99	75-125			
4-Chlorotoluene	50.9	5.0	ug/kg	50.0		102	80-125			
Dibromochloromethane	55.6	2.0	ug/kg	50.0		111	65-145			
1,2-Dibromo-3-chloropropane	45.6	5.0	ug/kg	50.0		91	50-150			
1,2-Dibromoethane (EDB)	56.1	2.0	ug/kg	50.0		112	70-130			
Dibromomethane	54.6	2.0	ug/kg	50.0		109	70-130			
1,2-Dichlorobenzene	49.3	2.0	ug/kg	50.0		99	80-125			
1,3-Dichlorobenzene	49.5	2.0	ug/kg	50.0		99	80-120			
1,4-Dichlorobenzene	49.9	2.0	ug/kg	50.0		100	80-120			
Dichlorodifluoromethane	26.5	5.0	ug/kg	50.0		53	10-160			
1,1-Dichloroethane	50.1	2.0	ug/kg	50.0		100	70-135			
1,2-Dichloroethane	54.5	2.0	ug/kg	50.0		109	60-150			
1,1-Dichloroethene	48.7	5.0	ug/kg	50.0		97	75-130			
cis-1,2-Dichloroethene	49.4	2.0	ug/kg	50.0		99	70-125			
trans-1,2-Dichloroethene	49.7	2.0	ug/kg	50.0		99	70-130			
1,2-Dichloropropane	52.4	2.0	ug/kg	50.0		105	70-120			
1,3-Dichloropropane	55.0	2.0	ug/kg	50.0		110	70-130			
2,2-Dichloropropane	53.1	2.0	ug/kg	50.0		106	70-150			
1,1-Dichloropropene	51.4	2.0	ug/kg	50.0		103	75-130			
cis-1,3-Dichloropropene	52.6	2.0	ug/kg	50.0		105	75-130			
trans-1,3-Dichloropropene	53.5	2.0	ug/kg	50.0		107	70-135			
Ethylbenzene	51.4	2.0	ug/kg	50.0		103	75-125			
Hexachlorobutadiene	47.4	5.0	ug/kg	50.0		95	75-140			
2-Hexanone	58.3	10	ug/kg	50.0		117	40-155			
Isopropylbenzene	50.1	2.0	ug/kg	50.0		100	75-125			
p-Isopropyltoluene	48.6	2.0	ug/kg	50.0		97	75-125			
Methylene chloride	47.5	20	ug/kg	50.0		95	60-135			
4-Methyl-2-pentanone (MIBK)	61.3	5.0	ug/kg	50.0		123	50-145			
Methyl-tert-butyl Ether (MTBE)	59.4	5.0	ug/kg	50.0		119	55-145			
Naphthalene	51.6	5.0	ug/kg	50.0		103	50-145			

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Report Number: INA0977

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Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
LCS Analyzed: 01/23/04 (4A23028-BS1)										
n-Propylbenzene	51.9	2.0	ug/kg	50.0		104	75-130			
Styrene	53.6	2.0	ug/kg	50.0		107	80-135			
1,1,1,2-Tetrachloroethane	50.0	5.0	ug/kg	50.0		100	70-145			
1,1,2,2-Tetrachloroethane	57.8	2.0	ug/kg	50.0		116	55-145			
Tetrachloroethene	51.0	2.0	ug/kg	50.0		102	80-125			
Toluene	50.1	2.0	ug/kg	50.0		100	75-120			
1,2,3-Trichlorobenzene	45.8	5.0	ug/kg	50.0		92	65-135			
1,2,4-Trichlorobenzene	50.6	5.0	ug/kg	50.0		101	70-140			
1,1,1-Trichloroethane	50.3	2.0	ug/kg	50.0		101	75-140			
1,1,2-Trichloroethane	56.0	2.0	ug/kg	50.0		112	65-130			
Trichloroethene	51.1	2.0	ug/kg	50.0		102	75-125			
Trichlorofluoromethane	46.0	5.0	ug/kg	50.0		92	50-145			
1,2,3-Trichloropropane	56.3	10	ug/kg	50.0		113	55-140			
1,2,4-Trimethylbenzene	50.8	2.0	ug/kg	50.0		102	75-125			
1,3,5-Trimethylbenzene	51.4	2.0	ug/kg	50.0		103	80-125			
Vinyl chloride	41.0	5.0	ug/kg	50.0		82	45-130			
o-Xylene	49.7	2.0	ug/kg	50.0		99	75-125			
m,p-Xylenes	101	2.0	ug/kg	100		101	75-125			
Xylenes, Total	151	4.0	ug/kg	150		101	75-125			
Surrogate: Dibromofluoromethane	*50.8*		*ug/kg*	*50.0*		*102*	*80-125*			
Surrogate: Toluene-d8	*57.9*		*ug/kg*	*50.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/kg*	*50.0*		*105*	*80-120*			
Matrix Spike Analyzed: 01/23/04 (4A23028-MS1)					**Source: INA1055-03**					
Acetone	34.9	10	ug/kg	50.0	ND	70	10-155			
Benzene	42.4	2.0	ug/kg	50.0	ND	85	65-130			
Bromobenzene	47.1	5.0	ug/kg	50.0	ND	94	70-130			
Bromochloromethane	47.9	5.0	ug/kg	50.0	ND	96	60-145			
Bromodichloromethane	49.2	2.0	ug/kg	50.0	ND	98	70-145			
Bromoform	44.9	5.0	ug/kg	50.0	ND	90	60-145			
Bromomethane	41.2	5.0	ug/kg	50.0	ND	82	50-150			
2-Butanone (MEK)	45.2	10	ug/kg	50.0	ND	90	15-180			
n-Butylbenzene	45.8	5.0	ug/kg	50.0	ND	92	60-140			
sec-Butylbenzene	46.0	5.0	ug/kg	50.0	ND	92	65-135			
tert-Butylbenzene	45.1	5.0	ug/kg	50.0	ND	90	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/23/04 (4A23028-MS1)					**Source: INA1055-03**					
Carbon tetrachloride	47.1	5.0	ug/kg	50.0	ND	94	70-140			
Chlorobenzene	46.8	2.0	ug/kg	50.0	ND	94	80-130			
Chloroethane	41.1	5.0	ug/kg	50.0	ND	82	50-150			
Chloroform	47.1	2.0	ug/kg	50.0	ND	94	70-130			
Chloromethane	34.3	5.0	ug/kg	50.0	ND	69	30-150			
2-Chlorotoluene	45.3	5.0	ug/kg	50.0	ND	91	70-130			
4-Chlorotoluene	46.4	5.0	ug/kg	50.0	ND	93	65-135			
Dibromochloromethane	51.7	2.0	ug/kg	50.0	ND	103	65-145			
1,2-Dibromo-3-chloropropane	39.1	5.0	ug/kg	50.0	ND	78	50-150			
1,2-Dibromoethane (EDB)	51.6	2.0	ug/kg	50.0	ND	103	65-135			
Dibromomethane	49.8	2.0	ug/kg	50.0	ND	100	65-135			
1,2-Dichlorobenzene	45.7	2.0	ug/kg	50.0	ND	91	75-130			
1,3-Dichlorobenzene	45.4	2.0	ug/kg	50.0	ND	91	70-125			
1,4-Dichlorobenzene	45.8	2.0	ug/kg	50.0	ND	92	75-130			
Dichlorodifluoromethane	23.4	5.0	ug/kg	50.0	ND	47	10-200			
1,1-Dichloroethane	45.6	2.0	ug/kg	50.0	ND	91	70-135			
1,2-Dichloroethane	48.9	2.0	ug/kg	50.0	ND	98	60-150			
1,1-Dichloroethene	43.5	5.0	ug/kg	50.0	ND	87	75-140			
cis-1,2-Dichloroethene	44.5	2.0	ug/kg	50.0	ND	89	60-135			
trans-1,2-Dichloroethene	45.9	2.0	ug/kg	50.0	ND	92	65-135			
1,2-Dichloropropane	46.4	2.0	ug/kg	50.0	ND	93	65-125			
1,3-Dichloropropane	50.0	2.0	ug/kg	50.0	ND	100	65-135			
2,2-Dichloropropane	48.6	2.0	ug/kg	50.0	ND	97	60-150			
1,1-Dichloropropene	45.1	2.0	ug/kg	50.0	ND	90	60-140			
cis-1,3-Dichloropropene	47.0	2.0	ug/kg	50.0	ND	94	65-135			
trans-1,3-Dichloropropene	48.4	2.0	ug/kg	50.0	ND	97	65-140			
Ethylbenzene	47.1	2.0	ug/kg	50.0	ND	94	70-130			
Hexachlorobutadiene	42.2	5.0	ug/kg	50.0	ND	84	65-145			
2-Hexanone	51.8	10	ug/kg	50.0	ND	104	30-160			
Isopropylbenzene	45.7	2.0	ug/kg	50.0	ND	91	60-135			
p-Isopropyltoluene	45.0	2.0	ug/kg	50.0	ND	90	60-135			
Methylene chloride	42.8	20	ug/kg	50.0	ND	86	60-145			
4-Methyl-2-pentanone (MIBK)	53.7	5.0	ug/kg	50.0	ND	107	40-155			
Methyl-tert-butyl Ether (MTBE)	55.3	5.0	ug/kg	50.0	ND	111	50-150			
Naphthalene	46.6	5.0	ug/kg	50.0	3.1	87	40-160			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/23/04 (4A23028-MS1)					**Source: INA1055-03**					
n-Propylbenzene	47.3	2.0	ug/kg	50.0	ND	95	60-140			
Styrene	48.6	2.0	ug/kg	50.0	ND	97	70-145			
1,1,1,2-Tetrachloroethane	46.3	5.0	ug/kg	50.0	ND	93	65-145			
1,1,2,2-Tetrachloroethane	52.4	2.0	ug/kg	50.0	ND	105	55-150			
Tetrachloroethene	46.0	2.0	ug/kg	50.0	ND	92	70-130			
Toluene	45.3	2.0	ug/kg	50.0	ND	91	70-125			
1,2,3-Trichlorobenzene	41.4	5.0	ug/kg	50.0	1.2	80	60-135			
1,2,4-Trichlorobenzene	45.9	5.0	ug/kg	50.0	ND	92	65-140			
1,1,1-Trichloroethane	45.6	2.0	ug/kg	50.0	ND	91	65-140			
1,1,2-Trichloroethane	49.1	2.0	ug/kg	50.0	ND	98	60-140			
Trichloroethene	45.0	2.0	ug/kg	50.0	ND	90	70-140			
Trichlorofluoromethane	41.0	5.0	ug/kg	50.0	ND	82	40-160			
1,2,3-Trichloropropane	51.2	10	ug/kg	50.0	ND	102	55-140			
1,2,4-Trimethylbenzene	46.2	2.0	ug/kg	50.0	ND	92	65-130			
1,3,5-Trimethylbenzene	47.2	2.0	ug/kg	50.0	ND	94	70-130			
Vinyl chloride	36.5	5.0	ug/kg	50.0	ND	73	45-130			
o-Xylene	44.9	2.0	ug/kg	50.0	ND	90	70-125			
m,p-Xylenes	92.1	2.0	ug/kg	100	ND	92	70-125			
Xylenes, Total	137	4.0	ug/kg	150	ND	91	70-125			
Surrogate: Dibromofluoromethane	*52.3*		*ug/kg*	*50.0*		*105*	*80-125*			
Surrogate: Toluene-d8	*57.8*		*ug/kg*	*50.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/kg*	*50.0*		*105*	*80-120*			
Matrix Spike Dup Analyzed: 01/23/04 (4A23028-MSD1)					**Source: INA1055-03**					
Acetone	46.9	10	ug/kg	50.0	ND	94	10-155	29	35	
Benzene	48.4	2.0	ug/kg	50.0	ND	97	65-130	13	20	
Bromobenzene	51.0	5.0	ug/kg	50.0	ND	102	70-130	8	20	
Bromochloromethane	55.3	5.0	ug/kg	50.0	ND	111	60-145	14	25	
Bromodichloromethane	55.3	2.0	ug/kg	50.0	ND	111	70-145	12	20	
Bromoform	54.2	5.0	ug/kg	50.0	ND	108	60-145	19	25	
Bromomethane	47.3	5.0	ug/kg	50.0	ND	95	50-150	14	25	
2-Butanone (MEK)	61.7	10	ug/kg	50.0	ND	123	15-180	31	50	
n-Butylbenzene	49.1	5.0	ug/kg	50.0	ND	98	60-140	7	25	
sec-Butylbenzene	48.5	5.0	ug/kg	50.0	ND	97	65-135	5	20	
tert-Butylbenzene	48.5	5.0	ug/kg	50.0	ND	97	70-130	7	20	

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Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/23/04 (4A23028-MSD1)					**Source: INA1055-03**					
Carbon tetrachloride	52.8	5.0	ug/kg	50.0	ND	106	70-140	11	20	
Chlorobenzene	50.9	2.0	ug/kg	50.0	ND	102	80-130	8	20	
Chloroethane	48.0	5.0	ug/kg	50.0	ND	96	50-150	15	30	
Chloroform	53.2	2.0	ug/kg	50.0	ND	106	70-130	12	20	
Chloromethane	39.9	5.0	ug/kg	50.0	ND	80	30-150	15	30	
2-Chlorotoluene	48.6	5.0	ug/kg	50.0	ND	97	70-130	7	20	
4-Chlorotoluene	49.2	5.0	ug/kg	50.0	ND	98	65-135	6	20	
Dibromochloromethane	58.9	2.0	ug/kg	50.0	ND	118	65-145	13	25	
1,2-Dibromo-3-chloropropane	55.5	5.0	ug/kg	50.0	ND	111	50-150	35	30	*R*
1,2-Dibromoethane (EDB)	59.2	2.0	ug/kg	50.0	ND	118	65-135	14	20	
Dibromomethane	58.8	2.0	ug/kg	50.0	ND	118	65-135	17	20	
1,2-Dichlorobenzene	50.7	2.0	ug/kg	50.0	ND	101	75-130	10	20	
1,3-Dichlorobenzene	49.3	2.0	ug/kg	50.0	ND	99	70-125	8	20	
1,4-Dichlorobenzene	49.9	2.0	ug/kg	50.0	ND	100	75-130	9	20	
Dichlorodifluoromethane	27.2	5.0	ug/kg	50.0	ND	54	10-200	15	35	
1,1-Dichloroethane	51.4	2.0	ug/kg	50.0	ND	103	70-135	12	20	
1,2-Dichloroethane	56.1	2.0	ug/kg	50.0	ND	112	60-150	14	25	
1,1-Dichloroethene	49.3	5.0	ug/kg	50.0	ND	99	75-140	12	20	
cis-1,2-Dichloroethene	50.6	2.0	ug/kg	50.0	ND	101	60-135	13	20	
trans-1,2-Dichloroethene	51.9	2.0	ug/kg	50.0	ND	104	65-135	12	20	
1,2-Dichloropropane	52.4	2.0	ug/kg	50.0	ND	105	65-125	12	20	
1,3-Dichloropropane	57.4	2.0	ug/kg	50.0	ND	115	65-135	14	20	
2,2-Dichloropropane	55.1	2.0	ug/kg	50.0	ND	110	60-150	13	20	
1,1-Dichloropropene	50.9	2.0	ug/kg	50.0	ND	102	60-140	12	20	
cis-1,3-Dichloropropene	53.7	2.0	ug/kg	50.0	ND	107	65-135	13	20	
trans-1,3-Dichloropropene	56.7	2.0	ug/kg	50.0	ND	113	65-140	16	20	
Ethylbenzene	50.8	2.0	ug/kg	50.0	ND	102	70-130	8	20	
Hexachlorobutadiene	45.8	5.0	ug/kg	50.0	ND	92	65-145	8	20	
2-Hexanone	70.5	10	ug/kg	50.0	ND	141	30-160	31	35	
Isopropylbenzene	48.9	2.0	ug/kg	50.0	ND	98	60-135	7	25	
p-Isopropyltoluene	47.5	2.0	ug/kg	50.0	ND	95	60-135	5	20	
Methylene chloride	49.0	20	ug/kg	50.0	ND	98	60-145	14	25	
4-Methyl-2-pentanone (MIBK)	71.7	5.0	ug/kg	50.0	ND	143	40-155	29	30	
Methyl-tert-butyl Ether (MTBE)	68.0	5.0	ug/kg	50.0	ND	136	50-150	21	25	
Naphthalene	62.9	5.0	ug/kg	50.0	3.1	120	40-160	30	25	*R*

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/23/04 (4A23028-MSD1)					**Source: INA1055-03**					
n-Propylbenzene	50.2	2.0	ug/kg	50.0	ND	100	60-140	6	25	
Styrene	54.0	2.0	ug/kg	50.0	ND	108	70-145	11	20	
1,1,1,2-Tetrachloroethane	50.5	5.0	ug/kg	50.0	ND	101	65-145	9	20	
1,1,2,2-Tetrachloroethane	63.8	2.0	ug/kg	50.0	ND	128	55-150	20	25	
Tetrachloroethene	50.7	2.0	ug/kg	50.0	ND	101	70-130	10	20	
Toluene	50.7	2.0	ug/kg	50.0	ND	101	70-125	11	20	
1,2,3-Trichlorobenzene	52.9	5.0	ug/kg	50.0	1.2	103	60-135	24	20	*R*
1,2,4-Trichlorobenzene	53.0	5.0	ug/kg	50.0	ND	106	65-140	14	25	
1,1,1-Trichloroethane	51.5	2.0	ug/kg	50.0	ND	103	65-140	12	20	
1,1,2-Trichloroethane	58.8	2.0	ug/kg	50.0	ND	118	60-140	18	20	
Trichloroethene	50.5	2.0	ug/kg	50.0	ND	101	70-140	12	20	
Trichlorofluoromethane	46.6	5.0	ug/kg	50.0	ND	93	40-160	13	30	
1,2,3-Trichloropropane	62.9	10	ug/kg	50.0	ND	126	55-140	21	25	
1,2,4-Trimethylbenzene	50.0	2.0	ug/kg	50.0	ND	100	65-130	8	20	
1,3,5-Trimethylbenzene	50.0	2.0	ug/kg	50.0	ND	100	70-130	6	20	
Vinyl chloride	41.7	5.0	ug/kg	50.0	ND	83	45-130	13	30	
o-Xylene	49.1	2.0	ug/kg	50.0	ND	98	70-125	9	20	
m,p-Xylenes	101	2.0	ug/kg	100	ND	101	70-125	9	20	
Xylenes, Total	150	4.0	ug/kg	150	ND	100	70-125	9	20	
Surrogate: Dibromofluoromethane	*54.2*		*ug/kg*	*50.0*		*108*	*80-125*			
Surrogate: Toluene-d8	*58.3*		*ug/kg*	*50.0*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/kg*	*50.0*		*107*	*80-120*			
Batch: 4A24010 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24010-BLK1)										
Acetone	ND	1500	ug/kg							
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
2-Butanone (MEK)	ND	1000	ug/kg							
n-Butylbenzene	ND	250	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24010-BLK1)										
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
2-Hexanone	ND	500	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	500	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24010-BLK1)										
Methyl-tert-butyl Ether (MTBE)	ND	250	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Xylenes, Total	ND	200	ug/kg							
Di-isopropyl Ether (DIPE)	ND	250	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	250	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	250	ug/kg							
tert-Butanol (TBA)	ND	2500	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	500	ug/kg							
Surrogate: Dibromofluoromethane	*3520*		*ug/kg*	*2500*		*141*	*50-160*			
Surrogate: Toluene-d8	*3360*		*ug/kg*	*2500*		*134*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*3500*		*ug/kg*	*2500*		*140*	*60-150*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Analyzed: 01/26/04 (4A24010-BS1)										
Acetone	1380	1500	ug/kg	2500		55	35-120			
Benzene	2360	100	ug/kg	2500		94	75-125			
Bromobenzene	2660	250	ug/kg	2500		106	80-120			
Bromochloromethane	2650	250	ug/kg	2500		106	65-140			
Bromodichloromethane	2720	100	ug/kg	2500		109	70-140			
Bromoform	2120	250	ug/kg	2500		85	60-130			
Bromomethane	1550	250	ug/kg	2500		62	35-140			
2-Butanone (MEK)	1700	1000	ug/kg	2500		68	45-145			
n-Butylbenzene	2760	250	ug/kg	2500		110	80-130			
sec-Butylbenzene	2770	250	ug/kg	2500		111	75-125			
tert-Butylbenzene	2710	250	ug/kg	2500		108	80-125			
Carbon tetrachloride	2540	250	ug/kg	2500		102	70-140			
Chlorobenzene	2660	100	ug/kg	2500		106	80-125			
Chloroethane	1610	250	ug/kg	2500		64	40-145			
Chloroform	2650	100	ug/kg	2500		106	75-130			
Chloromethane	1120	250	ug/kg	2500		45	30-145			
2-Chlorotoluene	2680	250	ug/kg	2500		107	75-125			
4-Chlorotoluene	2780	250	ug/kg	2500		111	80-125			
Dibromochloromethane	2310	100	ug/kg	2500		92	65-145			
1,2-Dibromo-3-chloropropane	1840	250	ug/kg	2500		74	45-135			
1,2-Dibromoethane (EDB)	2440	100	ug/kg	2500		98	75-130			
Dibromomethane	2450	100	ug/kg	2500		98	75-135			
1,2-Dichlorobenzene	2750	100	ug/kg	2500		110	80-120			
1,3-Dichlorobenzene	2710	100	ug/kg	2500		108	80-120			
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	80-120			
Dichlorodifluoromethane	429	250	ug/kg	2500		17	10-160			
1,1-Dichloroethane	2590	100	ug/kg	2500		104	70-135			
1,2-Dichloroethane	2480	100	ug/kg	2500		99	60-150			
1,1-Dichloroethene	2420	250	ug/kg	2500		97	80-145			
cis-1,2-Dichloroethene	2700	100	ug/kg	2500		108	70-135			
trans-1,2-Dichloroethene	2560	100	ug/kg	2500		102	70-135			
1,2-Dichloropropane	2480	100	ug/kg	2500		99	75-125			
1,3-Dichloropropane	2480	100	ug/kg	2500		99	75-130			
2,2-Dichloropropane	2320	100	ug/kg	2500		93	70-150			
1,1-Dichloropropene	2420	100	ug/kg	2500		97	75-130			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Analyzed: 01/26/04 (4A24010-BS1)										
cis-1,3-Dichloropropene	2540	100	ug/kg	2500		102	75-130			
trans-1,3-Dichloropropene	2230	100	ug/kg	2500		89	75-135			
Ethylbenzene	2680	100	ug/kg	2500		107	80-120			
Hexachlorobutadiene	2480	250	ug/kg	2500		99	75-140			
2-Hexanone	1600	500	ug/kg	2500		64	40-135			
Isopropylbenzene	2670	100	ug/kg	2500		107	75-125			
p-Isopropyltoluene	2520	100	ug/kg	2500		101	80-125			
Methylene chloride	2660	1000	ug/kg	2500		106	60-145			
4-Methyl-2-pentanone (MIBK)	1970	500	ug/kg	2500		79	50-140			
Methyl-tert-butyl Ether (MTBE)	2770	250	ug/kg	2500		111	55-150			
Naphthalene	2610	250	ug/kg	2500		104	50-145			
n-Propylbenzene	2800	100	ug/kg	2500		112	75-130			
Styrene	2600	100	ug/kg	2500		104	80-135			
1,1,1,2-Tetrachloroethane	2640	250	ug/kg	2500		106	70-145			
1,1,2,2-Tetrachloroethane	2280	100	ug/kg	2500		91	60-135			
Tetrachloroethene	2480	100	ug/kg	2500		99	80-125			
Toluene	2560	100	ug/kg	2500		102	80-125			
1,2,3-Trichlorobenzene	2830	250	ug/kg	2500		113	65-135			
1,2,4-Trichlorobenzene	2900	250	ug/kg	2500		116	70-140			
1,1,1-Trichloroethane	2610	100	ug/kg	2500		104	75-140			
1,1,2-Trichloroethane	2320	100	ug/kg	2500		93	70-130			
Trichloroethene	2530	100	ug/kg	2500		101	80-130			
Trichlorofluoromethane	2020	250	ug/kg	2500		81	55-145			
1,2,3-Trichloropropane	2110	500	ug/kg	2500		84	60-130			
1,2,4-Trimethylbenzene	2750	100	ug/kg	2500		110	80-125			
1,3,5-Trimethylbenzene	2740	100	ug/kg	2500		110	80-125			
Vinyl chloride	533	250	ug/kg	2500		21	10-120			
o-Xylene	2780	100	ug/kg	2500		111	80-125			
m,p-Xylenes	5450	100	ug/kg	5000		109	80-120			
Xylenes, Total	8230	200	ug/kg	7500		110	80-125			
Di-isopropyl Ether (DIPE)	2880	250	ug/kg	2500		115	65-145			
Ethyl tert-Butyl Ether (ETBE)	2920	250	ug/kg	2500		117	60-150			
tert-Amyl Methyl Ether (TAME)	2960	250	ug/kg	2500		118	60-150			
tert-Butanol (TBA)	13000	2500	ug/kg	12500		104	75-140			
Surrogate: Dibromofluoromethane	*2460*		*ug/kg*	*2500*		*98*	*50-160*			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Analyzed: 01/26/04 (4A24010-BS1)										
Surrogate: Toluene-d8	*2390*		*ug/kg*	*2500*		*96*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2440*		*ug/kg*	*2500*		*98*	*60-150*			
LCS Dup Analyzed: 01/27/04 (4A24010-BSD1)										
Acetone	1230	1500	ug/kg	2500		49	35-120	11	30	
Benzene	2390	100	ug/kg	2500		96	75-125	1	20	
Bromobenzene	2530	250	ug/kg	2500		101	80-120	5	20	
Bromochloromethane	2630	250	ug/kg	2500		105	65-140	1	20	
Bromodichloromethane	2760	100	ug/kg	2500		110	70-140	1	20	
Bromoform	2120	250	ug/kg	2500		85	60-130	0	25	
Bromomethane	1430	250	ug/kg	2500		57	35-140	8	30	
2-Butanone (MEK)	2070	1000	ug/kg	2500		83	45-145	20	25	
n-Butylbenzene	2740	250	ug/kg	2500		110	80-130	1	20	
sec-Butylbenzene	2670	250	ug/kg	2500		107	75-125	4	20	
tert-Butylbenzene	2650	250	ug/kg	2500		106	80-125	2	20	
Carbon tetrachloride	2480	250	ug/kg	2500		99	70-140	2	20	
Chlorobenzene	2590	100	ug/kg	2500		104	80-125	3	20	
Chloroethane	1320	250	ug/kg	2500		53	40-145	20	25	
Chloroform	2670	100	ug/kg	2500		107	75-130	1	20	
Chloromethane	797	250	ug/kg	2500		32	30-145	34	25	*R-7*
2-Chlorotoluene	2690	250	ug/kg	2500		108	75-125	0	20	
4-Chlorotoluene	2790	250	ug/kg	2500		112	80-125	0	20	
Dibromochloromethane	2340	100	ug/kg	2500		94	65-145	1	20	
1,2-Dibromo-3-chloropropane	1990	250	ug/kg	2500		80	45-135	8	25	
1,2-Dibromoethane (EDB)	2570	100	ug/kg	2500		103	75-130	5	20	
Dibromomethane	2510	100	ug/kg	2500		100	75-135	2	20	
1,2-Dichlorobenzene	2650	100	ug/kg	2500		106	80-120	4	20	
1,3-Dichlorobenzene	2640	100	ug/kg	2500		106	80-120	3	20	
1,4-Dichlorobenzene	2600	100	ug/kg	2500		104	80-120	3	20	
Dichlorodifluoromethane	256	250	ug/kg	2500		10	10-160	51	30	*R-7*
1,1-Dichloroethane	2500	100	ug/kg	2500		100	70-135	4	20	
1,2-Dichloroethane	2530	100	ug/kg	2500		101	60-150	2	25	
1,1-Dichloroethene	2370	250	ug/kg	2500		95	80-145	2	20	
cis-1,2-Dichloroethene	2660	100	ug/kg	2500		106	70-135	1	20	
trans-1,2-Dichloroethene	2570	100	ug/kg	2500		103	70-135	0	20	

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Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Dup Analyzed: 01/27/04 (4A24010-BSD1)										
1,2-Dichloropropane	2460	100	ug/kg	2500		98	75-125	1	20	
1,3-Dichloropropane	2590	100	ug/kg	2500		104	75-130	4	20	
2,2-Dichloropropane	2790	100	ug/kg	2500		112	70-150	18	20	
1,1-Dichloropropene	2480	100	ug/kg	2500		99	75-130	2	20	
cis-1,3-Dichloropropene	2780	100	ug/kg	2500		111	75-130	9	20	
trans-1,3-Dichloropropene	2460	100	ug/kg	2500		98	75-135	10	20	
Ethylbenzene	2640	100	ug/kg	2500		106	80-120	2	20	
Hexachlorobutadiene	2000	250	ug/kg	2500		80	75-140	21	20	*R-7*
2-Hexanone	1940	500	ug/kg	2500		78	40-135	19	25	
Isopropylbenzene	2650	100	ug/kg	2500		106	75-125	1	20	
p-Isopropyltoluene	2470	100	ug/kg	2500		99	80-125	2	20	
Methylene chloride	2690	1000	ug/kg	2500		108	60-145	1	20	
4-Methyl-2-pentanone (MIBK)	2170	500	ug/kg	2500		87	50-140	10	25	
Methyl-tert-butyl Ether (MTBE)	2970	250	ug/kg	2500		119	55-150	7	25	
Naphthalene	2410	250	ug/kg	2500		96	50-145	8	25	
n-Propylbenzene	2790	100	ug/kg	2500		112	75-130	0	20	
Styrene	2530	100	ug/kg	2500		101	80-135	3	20	
1,1,1,2-Tetrachloroethane	2560	250	ug/kg	2500		102	70-145	3	20	
1,1,2,2-Tetrachloroethane	2660	100	ug/kg	2500		106	60-135	15	25	
Tetrachloroethene	2330	100	ug/kg	2500		93	80-125	6	20	
Toluene	2510	100	ug/kg	2500		100	80-125	2	20	
1,2,3-Trichlorobenzene	2450	250	ug/kg	2500		98	65-135	14	20	
1,2,4-Trichlorobenzene	2570	250	ug/kg	2500		103	70-140	12	20	
1,1,1-Trichloroethane	2630	100	ug/kg	2500		105	75-140	1	20	
1,1,2-Trichloroethane	2510	100	ug/kg	2500		100	70-130	8	20	
Trichloroethene	2350	100	ug/kg	2500		94	80-130	7	20	
Trichlorofluoromethane	1840	250	ug/kg	2500		74	55-145	9	25	
1,2,3-Trichloropropane	2420	500	ug/kg	2500		97	60-130	14	20	
1,2,4-Trimethylbenzene	2680	100	ug/kg	2500		107	80-125	3	20	
1,3,5-Trimethylbenzene	2730	100	ug/kg	2500		109	80-125	0	20	
Vinyl chloride	491	250	ug/kg	2500		20	10-120	8	30	
o-Xylene	2710	100	ug/kg	2500		108	80-125	3	20	
m,p-Xylenes	5320	100	ug/kg	5000		106	80-120	2	20	
Xylenes, Total	8040	200	ug/kg	7500		107	80-125	2	20	
Di-isopropyl Ether (DIPE)	2670	250	ug/kg	2500		107	65-145	8	20	

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Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Dup Analyzed: 01/27/04 (4A24010-BSD1)										
Ethyl tert-Butyl Ether (ETBE)	2830	250	ug/kg	2500		113	60-150	3	25	
tert-Amyl Methyl Ether (TAME)	3110	250	ug/kg	2500		124	60-150	5	25	
tert-Butanol (TBA)	11800	2500	ug/kg	12500		94	75-140	10	20	
Surrogate: Dibromofluoromethane	*2400*		*ug/kg*	*2500*		*96*	*50-160*			
Surrogate: Toluene-d8	*2400*		*ug/kg*	*2500*		*96*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2490*		*ug/kg*	*2500*		*100*	*60-150*			
Matrix Spike Analyzed: 01/24/04 (4A24010-MS1)					**Source: INA1168-03**					
Acetone	1660	1500	ug/kg	2500	ND	66	20-150			
Benzene	2740	100	ug/kg	2500	ND	110	60-140			
Bromobenzene	2820	250	ug/kg	2500	ND	113	65-130			
Bromochloromethane	2760	250	ug/kg	2500	ND	110	60-145			
Bromodichloromethane	2930	100	ug/kg	2500	ND	117	65-150			
Bromoform	2410	250	ug/kg	2500	ND	96	55-150			
Bromomethane	1590	250	ug/kg	2500	ND	64	30-160			
2-Butanone (MEK)	2250	1000	ug/kg	2500	ND	90	15-180			
n-Butylbenzene	3040	250	ug/kg	2500	ND	122	60-150			
sec-Butylbenzene	2980	250	ug/kg	2500	340	106	65-145			
tert-Butylbenzene	3080	250	ug/kg	2500	ND	123	60-150			
Carbon tetrachloride	2810	250	ug/kg	2500	ND	112	70-140			
Chlorobenzene	2810	100	ug/kg	2500	ND	112	70-140			
Chloroethane	1760	250	ug/kg	2500	ND	70	30-170			
Chloroform	2860	100	ug/kg	2500	ND	114	60-140			
Chloromethane	1580	250	ug/kg	2500	ND	63	30-160			
2-Chlorotoluene	2930	250	ug/kg	2500	ND	117	60-140			
4-Chlorotoluene	3020	250	ug/kg	2500	ND	121	70-135			
Dibromochloromethane	2740	100	ug/kg	2500	ND	110	60-150			
1,2-Dibromo-3-chloropropane	2410	250	ug/kg	2500	ND	96	40-150			
1,2-Dibromoethane (EDB)	2610	100	ug/kg	2500	ND	104	65-140			
Dibromomethane	2700	100	ug/kg	2500	ND	108	65-140			
1,2-Dichlorobenzene	2730	100	ug/kg	2500	ND	109	70-130			
1,3-Dichlorobenzene	2720	100	ug/kg	2500	ND	109	60-155			
1,4-Dichlorobenzene	2730	100	ug/kg	2500	ND	109	55-150			
Dichlorodifluoromethane	647	250	ug/kg	2500	ND	26	10-160			
1,1-Dichloroethane	2790	100	ug/kg	2500	ND	112	60-155			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24010-MS1)					**Source: INA1168-03**					
1,2-Dichloroethane	2650	100	ug/kg	2500	ND	106	55-150			
1,1-Dichloroethene	2600	250	ug/kg	2500	ND	104	60-165			
cis-1,2-Dichloroethene	2760	100	ug/kg	2500	ND	110	60-135			
trans-1,2-Dichloroethene	2780	100	ug/kg	2500	ND	111	50-155			
1,2-Dichloropropane	2790	100	ug/kg	2500	ND	112	65-135			
1,3-Dichloropropane	2610	100	ug/kg	2500	ND	104	65-135			
2,2-Dichloropropane	2960	100	ug/kg	2500	ND	118	60-150			
1,1-Dichloropropene	2830	100	ug/kg	2500	ND	113	60-140			
cis-1,3-Dichloropropene	2960	100	ug/kg	2500	ND	118	60-135			
trans-1,3-Dichloropropene	2940	100	ug/kg	2500	ND	118	55-155			
Ethylbenzene	3350	100	ug/kg	2500	1400	78	60-140			
Hexachlorobutadiene	2700	250	ug/kg	2500	ND	108	65-145			
2-Hexanone	2010	500	ug/kg	2500	ND	80	35-160			
Isopropylbenzene	3020	100	ug/kg	2500	450	103	60-140			
p-Isopropyltoluene	2810	100	ug/kg	2500	91	109	60-145			
Methylene chloride	2670	1000	ug/kg	2500	ND	107	50-155			
4-Methyl-2-pentanone (MIBK)	2550	500	ug/kg	2500	ND	102	40-150			
Methyl-tert-butyl Ether (MTBE)	2710	250	ug/kg	2500	ND	108	45-160			
Naphthalene	2620	250	ug/kg	2500	280	94	30-165			
n-Propylbenzene	3310	100	ug/kg	2500	1800	60	60-145			
Styrene	3040	100	ug/kg	2500	ND	122	60-145			
1,1,1,2-Tetrachloroethane	2760	250	ug/kg	2500	ND	110	65-145			
1,1,2,2-Tetrachloroethane	2520	100	ug/kg	2500	ND	101	60-150			
Tetrachloroethene	2790	100	ug/kg	2500	ND	112	65-145			
Toluene	2750	100	ug/kg	2500	ND	110	60-145			
1,2,3-Trichlorobenzene	2670	250	ug/kg	2500	ND	107	45-145			
1,2,4-Trichlorobenzene	2770	250	ug/kg	2500	ND	111	60-140			
1,1,1-Trichloroethane	2790	100	ug/kg	2500	ND	112	65-140			
1,1,2-Trichloroethane	2640	100	ug/kg	2500	ND	106	60-140			
Trichloroethene	2800	100	ug/kg	2500	ND	112	70-150			
Trichlorofluoromethane	2320	250	ug/kg	2500	ND	93	35-165			
1,2,3-Trichloropropane	2400	500	ug/kg	2500	ND	96	50-150			
1,2,4-Trimethylbenzene	3140	100	ug/kg	2500	670	99	70-135			
1,3,5-Trimethylbenzene	2980	100	ug/kg	2500	110	115	70-135			
Vinyl chloride	927	250	ug/kg	2500	ND	37	10-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24010-MS1)					**Source: INA1168-03**					
o-Xylene	2880	100	ug/kg	2500	ND	115	60-145			
m,p-Xylenes	5790	100	ug/kg	5000	ND	116	60-140			
Xylenes, Total	8660	200	ug/kg	7500	ND	115	60-145			
Di-isopropyl Ether (DIPE)	3010	250	ug/kg	2500	ND	120	50-160			
Ethyl tert-Butyl Ether (ETBE)	3000	250	ug/kg	2500	ND	120	60-160			
tert-Amyl Methyl Ether (TAME)	3010	250	ug/kg	2500	ND	120	55-160			
tert-Butanol (TBA)	14500	2500	ug/kg	12500	ND	116	60-160			
Surrogate: Dibromofluoromethane	*2570*		*ug/kg*	*2500*		*103*	*50-160*			
Surrogate: Toluene-d8	*2590*		*ug/kg*	*2500*		*104*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2590*		*ug/kg*	*2500*		*104*	*60-150*			
Matrix Spike Dup Analyzed: 01/24/04 (4A24010-MSD1)					**Source: INA1168-03**					
Acetone	1730	1500	ug/kg	2500	ND	69	20-150	4	35	
Benzene	2890	100	ug/kg	2500	ND	116	60-140	5	25	
Bromobenzene	3000	250	ug/kg	2500	ND	120	65-130	6	25	
Bromochloromethane	2910	250	ug/kg	2500	ND	116	60-145	5	25	
Bromodichloromethane	3060	100	ug/kg	2500	ND	122	65-150	4	25	
Bromoform	2520	250	ug/kg	2500	ND	101	55-150	4	30	
Bromomethane	1660	250	ug/kg	2500	ND	66	30-160	4	30	
2-Butanone (MEK)	2290	1000	ug/kg	2500	ND	92	15-180	2	50	
n-Butylbenzene	3390	250	ug/kg	2500	ND	136	60-150	11	25	
sec-Butylbenzene	3290	250	ug/kg	2500	340	118	65-145	10	25	
tert-Butylbenzene	3330	250	ug/kg	2500	ND	133	60-150	8	20	
Carbon tetrachloride	2910	250	ug/kg	2500	ND	116	70-140	3	20	
Chlorobenzene	2960	100	ug/kg	2500	ND	118	70-140	5	25	
Chloroethane	1830	250	ug/kg	2500	ND	73	30-170	4	35	
Chloroform	2960	100	ug/kg	2500	ND	118	60-140	3	25	
Chloromethane	1610	250	ug/kg	2500	ND	64	30-160	2	30	
2-Chlorotoluene	3160	250	ug/kg	2500	ND	126	60-140	8	25	
4-Chlorotoluene	3240	250	ug/kg	2500	ND	130	70-135	7	20	
Dibromochloromethane	2900	100	ug/kg	2500	ND	116	60-150	6	25	
1,2-Dibromo-3-chloropropane	2770	250	ug/kg	2500	ND	111	40-150	14	30	
1,2-Dibromoethane (EDB)	2740	100	ug/kg	2500	ND	110	65-140	5	25	
Dibromomethane	2780	100	ug/kg	2500	ND	111	65-140	3	20	
1,2-Dichlorobenzene	2900	100	ug/kg	2500	ND	116	70-130	6	20	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24010-MSD1)					**Source: INA1168-03**					
1,3-Dichlorobenzene	2900	100	ug/kg	2500	ND	116	60-155	6	25	
1,4-Dichlorobenzene	2890	100	ug/kg	2500	ND	116	55-150	6	25	
Dichlorodifluoromethane	653	250	ug/kg	2500	ND	26	10-160	1	35	
1,1-Dichloroethane	2920	100	ug/kg	2500	ND	117	60-155	5	25	
1,2-Dichloroethane	2780	100	ug/kg	2500	ND	111	55-150	5	30	
1,1-Dichloroethene	2700	250	ug/kg	2500	ND	108	60-165	4	25	
cis-1,2-Dichloroethene	2910	100	ug/kg	2500	ND	116	60-135	5	25	
trans-1,2-Dichloroethene	2910	100	ug/kg	2500	ND	116	50-155	5	25	
1,2-Dichloropropane	2930	100	ug/kg	2500	ND	117	65-135	5	20	
1,3-Dichloropropane	2720	100	ug/kg	2500	ND	109	65-135	4	20	
2,2-Dichloropropane	3110	100	ug/kg	2500	ND	124	60-150	5	20	
1,1-Dichloropropene	2950	100	ug/kg	2500	ND	118	60-140	4	20	
cis-1,3-Dichloropropene	3120	100	ug/kg	2500	ND	125	60-135	5	25	
trans-1,3-Dichloropropene	3100	100	ug/kg	2500	ND	124	55-155	5	25	
Ethylbenzene	4200	100	ug/kg	2500	1400	112	60-140	23	25	
Hexachlorobutadiene	2880	250	ug/kg	2500	ND	115	65-145	6	25	
2-Hexanone	1300	500	ug/kg	2500	ND	52	35-160	43	30	*R*
Isopropylbenzene	3390	100	ug/kg	2500	450	118	60-140	12	25	
p-Isopropyltoluene	3010	100	ug/kg	2500	91	117	60-145	7	25	
Methylene chloride	2760	1000	ug/kg	2500	ND	110	50-155	3	25	
4-Methyl-2-pentanone (MIBK)	2600	500	ug/kg	2500	ND	104	40-150	2	30	
Methyl-tert-butyl Ether (MTBE)	2920	250	ug/kg	2500	ND	117	45-160	7	30	
Naphthalene	2830	250	ug/kg	2500	280	102	30-165	8	30	
n-Propylbenzene	4190	100	ug/kg	2500	1800	96	60-145	23	25	
Styrene	3220	100	ug/kg	2500	ND	129	60-145	6	20	
1,1,1,2-Tetrachloroethane	2930	250	ug/kg	2500	ND	117	65-145	6	20	
1,1,2,2-Tetrachloroethane	2630	100	ug/kg	2500	ND	105	60-150	4	20	
Tetrachloroethene	2920	100	ug/kg	2500	ND	117	65-145	5	25	
Toluene	2910	100	ug/kg	2500	ND	116	60-145	6	25	
1,2,3-Trichlorobenzene	2750	250	ug/kg	2500	ND	110	45-145	3	30	
1,2,4-Trichlorobenzene	2900	250	ug/kg	2500	ND	116	60-140	5	25	
1,1,1-Trichloroethane	2960	100	ug/kg	2500	ND	118	65-140	6	25	
1,1,2-Trichloroethane	2800	100	ug/kg	2500	ND	112	60-140	6	20	
Trichloroethene	2910	100	ug/kg	2500	ND	116	70-150	4	25	
Trichlorofluoromethane	2390	250	ug/kg	2500	ND	96	35-165	3	30	

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Patty Mata
Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24010-MSD1)					**Source: INA1168-03**					
1,2,3-Trichloropropane	2510	500	ug/kg	2500	ND	100	50-150	4	20	
1,2,4-Trimethylbenzene	3390	100	ug/kg	2500	670	109	70-135	8	20	
1,3,5-Trimethylbenzene	3190	100	ug/kg	2500	110	123	70-135	7	25	
Vinyl chloride	968	250	ug/kg	2500	ND	39	10-120	4	35	
o-Xylene	3050	100	ug/kg	2500	ND	122	60-145	6	25	
m,p-Xylenes	6120	100	ug/kg	5000	ND	122	60-140	6	25	
Xylenes, Total	9170	200	ug/kg	7500	ND	122	60-145	6	30	
Di-isopropyl Ether (DIPE)	3310	250	ug/kg	2500	ND	132	50-160	9	25	
Ethyl tert-Butyl Ether (ETBE)	3220	250	ug/kg	2500	ND	129	60-160	7	25	
tert-Amyl Methyl Ether (TAME)	3180	250	ug/kg	2500	ND	127	55-160	5	25	
tert-Butanol (TBA)	17400	2500	ug/kg	12500	ND	139	60-160	18	25	
Surrogate: Dibromofluoromethane	*2680*		*ug/kg*	*2500*		*107*	*50-160*			
Surrogate: Toluene-d8	*2730*		*ug/kg*	*2500*		*109*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2780*		*ug/kg*	*2500*		*111*	*60-150*			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A21079 Extracted: 01/21/04										
Blank Analyzed: 01/23/04 (4A21079-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate: 1,4-Dioxane-d8	*1.30*		*ug/l*	*2.00*		*65*	*35-120*			
LCS Analyzed: 01/23/04 (4A21079-BS1)										
1,4-Dioxane	1.07	0.50	ug/l	2.00		54	35-120			
Surrogate: 1,4-Dioxane-d8	*1.33*		*ug/l*	*2.00*		*66*	*35-120*			
LCS Dup Analyzed: 01/23/04 (4A21079-BSD1)										**M-NR1**
1,4-Dioxane	1.08	0.50	ug/l	2.00		54	35-120	1	30	
Surrogate: 1,4-Dioxane-d8	*1.30*		*ug/l*	*2.00*		*65*	*35-120*			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22053 Extracted: 01/22/04										
Blank Analyzed: 01/22/04 (4A22053-BLK1)										
1,4-Dioxane	ND	25	ug/kg							
Surrogate: 1,4-Dioxane-d8	*72.8*		*ug/kg*	*100*		*73*	*35-120*			
LCS Analyzed: 01/22/04 (4A22053-BS1)										
1,4-Dioxane	56.1	25	ug/kg	100		56	40-140			
Surrogate: 1,4-Dioxane-d8	*72.9*		*ug/kg*	*100*		*73*	*35-120*			
Matrix Spike Analyzed: 01/22/04 (4A22053-MS1)					**Source: INA0977-05**					
1,4-Dioxane	76.4	25	ug/kg	100	24	52	40-140			
Surrogate: 1,4-Dioxane-d8	*58.2*		*ug/kg*	*100*		*58*	*35-120*			
Matrix Spike Dup Analyzed: 01/22/04 (4A22053-MSD1)					**Source: INA0977-05**					
1,4-Dioxane	74.3	25	ug/kg	100	24	50	40-140	3	30	
Surrogate: 1,4-Dioxane-d8	*56.7*		*ug/kg*	*100*		*57*	*35-120*			

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 01/20/04
Irvine, CA 92612	Report Number: INA0977	Received: 01/20/04
Attention: Sharon Wallin		

DATA QUALIFIERS AND DEFINITIONS

A-01	No multiple dilution available for this sample due to encore limitation.
M-NR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-7	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA0977

Sampled: 01/20/04
Received: 01/20/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 8260B	Soil	X	X
EPA 8260B	Soil-extr	X	X
EPA 8260B	Water	X	X
EPA 8270C MOD	Soil	N/A	N/A
EPA 8270C	Water	X	X

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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ADDITIONAL ANALYSIS REQUEST FORM

Today's Date: 1/21/04 Del Mar Analytical Project Manager: [signature]

Request via: X telephone ____ chain of custody form ____ fax transmission X E-mail ____ other

Client: CDM Contact: Sharon Wallin

Project: Omega Chemical Soil 10500

Date Sampled: 1/20/04 Date Received: 1/20/04

Status: ____ in progress ____ completed ____ received today ____ received yesterday X on hold ____ other

SAMPLE NUMBER	SAMPLE DESCRIPTION	ANALYSIS REQUESTED	SPECIAL REQUIREMENTS
(INA0977)	OC-SB-GP5-013-012004	8260, 8270-1,4-Diotane	
	-032-		
	GP4-020-		
	-035-		

Add-in to INA0977

TURNAROUND STATUS: _____Same Day _____24hr _____48hr _____3days

_____ 5days X Standard _____No Rush Charge

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689

INA0977
102446

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 1 of 1

Client Name: CDM
Address: 18581 Teller Ave Ste 200
City: Irvine State: CA Zip: 92612
Tel: 949 752 5452 Fax.: 949 752 1307

P.O./Project Number: 10500
Project Name: Omega
Project Manager: S. Wallin
Sampler(s) (signature): [signature]

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) 8020 (BTEX) MTBE (8020) 8015/8020/MTBE	8015 (Diesel) simulated fuel distillation fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 EPA 8010/8020	EPA 8270 1,4-dioxane	Title 22 Metals EPA 6010/7000 +Cr VI	EPA 8260 X + Oxygenates +MTBE MTBE only	Lead	pH			HOLD				
OC-SB-GP5-018-012004	S	1-20-04	0745	None	3 1	encore acetate						X		X					X				
-032-			0815									X		X					X				
-054-			0926									X		X									
-068-			1035		3	encore								X									
-073-			1057		1	acetate						X											
OC-SB-GP4-700-012004	W		1225	HCl	3	VOA								X									
				—	1	1L Amber						X											
-020-	S		1258	None	3 1	encore acetate						X		X					X				
-035-			1336		3 1							X		X					X				
-048-			1418		3 1							X		X									

Relinquished by: [signature] Date/Time: 1-20-04 1705
Received by: Date/Time:
Relinquished by: Date/Time:
Received by: Date/Time:
Relinquished by: Date/Time:
Received in Lab by: [signature] Date/Time: 1/20/04 17:05
Remarks:

Turnaround Time: (check one):
Same Day ___ 72 hours ___
24 Hours ___ 5 Days ___
48 Hours ___ Standard X

Sample Integrity:
Intact: ✓ On Ice 6°C

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

Del Mar Analytical

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LABORATORY REPORT

Prepared For: Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project: Omega Chemical Soil
10500-

Sampled: 01/21/04
Received: 01/21/04
Issued: 01/29/04

NELAP #01108CA CA ELAP #1197

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This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 2°C, on ice and with chain of custody documentation.

HOLDING TIMES: Holding times were met.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

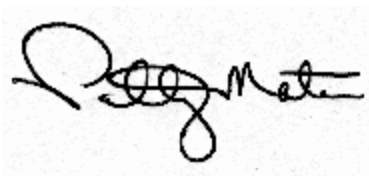
QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

Tetrachloroethene was detected above the reporting limit in the EPA 8260 method blank for QC batch 4A24012. The associated sample INA1059-02 had a detection of this compound at a level greater than ten times the method blank level and was not impacted by the contamination.

COMMENTS: Multiple dilutions are reported for EPA 8260 VOCs per client request.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
INA1059-01	OC-SB-GP4-068-012104	Soil
INA1059-02	OC-SB-GP7-045-012104	Soil
INA1059-03	OC-SB-GP7-060-012104	Soil
INA1059-04	OC-SB-GP7-065-012104	Soil
INA1059-05	OC-SB-GP4-780-012104	Water



Del Mar Analytical, Irvine
Patty Mata
Project Manager

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18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-05 (OC-SB-GP4-780-012104 - Water)								
Reporting Units: ug/l								
Acetone	EPA 8260B	4A24006	10	ND	1	1/24/2004	1/24/2004	
Benzene	EPA 8260B	4A24006	0.50	ND	1	1/24/2004	1/24/2004	
Bromobenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Bromochloromethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Bromodichloromethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Bromoform	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Bromomethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
n-Butylbenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
sec-Butylbenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
tert-Butylbenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Carbon tetrachloride	EPA 8260B	4A24006	0.50	ND	1	1/24/2004	1/24/2004	
Chlorobenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Chloroethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Chloroform	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Chloromethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
2-Chlorotoluene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
4-Chlorotoluene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Dibromochloromethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A24006	5.0	ND	1	1/24/2004	1/24/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Dibromomethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,2-Dichlorobenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,3-Dichlorobenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,4-Dichlorobenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Dichlorodifluoromethane	EPA 8260B	4A24006	5.0	ND	1	1/24/2004	1/24/2004	
1,1-Dichloroethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,2-Dichloroethane	EPA 8260B	4A24006	0.50	ND	1	1/24/2004	1/24/2004	
1,1-Dichloroethene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,2-Dichloropropane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,3-Dichloropropane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
2,2-Dichloropropane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,1-Dichloropropene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A24006	0.50	ND	1	1/24/2004	1/24/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A24006	0.50	ND	1	1/24/2004	1/24/2004	
Ethylbenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Hexachlorobutadiene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Isopropylbenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
p-Isopropyltoluene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-05 (OC-SB-GP4-780-012104 - Water) - cont.								
Reporting Units: ug/l								
Methylene chloride	EPA 8260B	4A24006	5.0	ND	1	1/24/2004	1/24/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Naphthalene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
n-Propylbenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Styrene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Tetrachloroethene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Toluene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,1,1-Trichloroethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,1,2-Trichloroethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Trichloroethene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Trichlorofluoromethane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A24006	5.0	ND	1	1/24/2004	1/24/2004	
1,2,3-Trichloropropane	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Vinyl chloride	EPA 8260B	4A24006	0.50	ND	1	1/24/2004	1/24/2004	
o-Xylene	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
m,p-Xylenes	EPA 8260B	4A24006	1.0	ND	1	1/24/2004	1/24/2004	
Surrogate: Dibromofluoromethane (80-120%)				*113 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*107 %*				

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Camp, Dresser & McKee
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Irvine, CA 92612
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Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-01 (OC-SB-GP4-068-012104 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A24010	1300	ND	83.8	1/24/2004	1/24/2004	
Benzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Bromobenzene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
Bromochloromethane	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
Bromodichloromethane	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Bromoform	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
Bromomethane	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
2-Butanone (MEK)	EPA 8260B	4A24010	840	ND	83.8	1/24/2004	1/24/2004	
n-Butylbenzene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
sec-Butylbenzene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
tert-Butylbenzene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
Carbon tetrachloride	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
Chlorobenzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Chloroethane	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
Chloroform	EPA 8260B	4A24010	84	**110**	83.8	1/24/2004	1/24/2004	
Chloromethane	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
2-Chlorotoluene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
4-Chlorotoluene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
Dibromochloromethane	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Dibromomethane	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,2-Dichlorobenzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,3-Dichlorobenzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,4-Dichlorobenzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Dichlorodifluoromethane	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
1,1-Dichloroethane	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,2-Dichloroethane	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,1-Dichloroethene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,2-Dichloropropane	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,3-Dichloropropane	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
2,2-Dichloropropane	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,1-Dichloropropene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Ethylbenzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Hexachlorobutadiene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
2-Hexanone	EPA 8260B	4A24010	420	ND	83.8	1/24/2004	1/24/2004	

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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-01 (OC-SB-GP4-068-012104 - Soil) - cont.								
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
p-Isopropyltoluene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Methylene chloride	EPA 8260B	4A24010	840	ND	83.8	1/24/2004	1/24/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A24010	420	ND	83.8	1/24/2004	1/24/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
Naphthalene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
n-Propylbenzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Styrene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Toluene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
1,1,1-Trichloroethane	EPA 8260B	4A24010	84	**340**	83.8	1/24/2004	1/24/2004	
1,1,2-Trichloroethane	EPA 8260B	4A24010	84	**140**	83.8	1/24/2004	1/24/2004	
Trichloroethene	EPA 8260B	4A24010	84	**430**	83.8	1/24/2004	1/24/2004	
Trichlorofluoromethane	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
1,2,3-Trichloropropane	EPA 8260B	4A24010	420	ND	83.8	1/24/2004	1/24/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Vinyl chloride	EPA 8260B	4A24010	210	ND	83.8	1/24/2004	1/24/2004	
o-Xylene	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
m,p-Xylenes	EPA 8260B	4A24010	84	ND	83.8	1/24/2004	1/24/2004	
Xylenes, Total	EPA 8260B	4A24010	170	ND	83.8	1/24/2004	1/24/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A24010	420	ND	83.8	1/24/2004	1/24/2004	
Surrogate: Dibromofluoromethane (50-160%)				*115 %*				
Surrogate: Toluene-d8 (60-160%)				*112 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*116 %*				
Sample ID: INA1059-01RE1 (OC-SB-GP4-068-012104 - Soil)								
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A24010	840	**48000**	838	1/24/2004	1/28/2004	
Surrogate: Dibromofluoromethane (50-160%)				*78 %*				
Surrogate: Toluene-d8 (60-160%)				*67 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*60 %*				

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Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-02 (OC-SB-GP7-045-012104 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A24012	8.5	ND	0.849	1/24/2004	1/24/2004	
Benzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Bromobenzene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
Bromochloromethane	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
Bromodichloromethane	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Bromoform	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
Bromomethane	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
2-Butanone (MEK)	EPA 8260B	4A24012	8.5	ND	0.849	1/24/2004	1/24/2004	
n-Butylbenzene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
sec-Butylbenzene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
tert-Butylbenzene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
Carbon tetrachloride	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
Chlorobenzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Chloroethane	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
Chloroform	EPA 8260B	4A24012	1.7	**32**	0.849	1/24/2004	1/24/2004	
Chloromethane	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
2-Chlorotoluene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
4-Chlorotoluene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
Dibromochloromethane	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Dibromomethane	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,2-Dichlorobenzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,3-Dichlorobenzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,4-Dichlorobenzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Dichlorodifluoromethane	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
1,1-Dichloroethane	EPA 8260B	4A24012	1.7	**3.1**	0.849	1/24/2004	1/24/2004	
1,2-Dichloroethane	EPA 8260B	4A24012	1.7	**2.2**	0.849	1/24/2004	1/24/2004	
1,1-Dichloroethene	EPA 8260B	4A24012	4.2	**10**	0.849	1/24/2004	1/24/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,2-Dichloropropane	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,3-Dichloropropane	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
2,2-Dichloropropane	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,1-Dichloropropene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Ethylbenzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Hexachlorobutadiene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
2-Hexanone	EPA 8260B	4A24012	8.5	ND	0.849	1/24/2004	1/24/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-02 (OC-SB-GP7-045-012104 - Soil) - cont.								
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
p-Isopropyltoluene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Methylene chloride	EPA 8260B	4A24012	17	ND	0.849	1/24/2004	1/24/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
Naphthalene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
n-Propylbenzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Styrene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Tetrachloroethene	EPA 8260B	4A24012	1.7	**230**	0.849	1/24/2004	1/24/2004	B-1
Toluene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
1,1,1-Trichloroethane	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,1,2-Trichloroethane	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Trichloroethene	EPA 8260B	4A24012	1.7	**16**	0.849	1/24/2004	1/24/2004	
Trichlorofluoromethane	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
1,2,3-Trichloropropane	EPA 8260B	4A24012	8.5	ND	0.849	1/24/2004	1/24/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Vinyl chloride	EPA 8260B	4A24012	4.2	ND	0.849	1/24/2004	1/24/2004	
o-Xylene	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
m,p-Xylenes	EPA 8260B	4A24012	1.7	ND	0.849	1/24/2004	1/24/2004	
Xylenes, Total	EPA 8260B	4A24012	3.4	ND	0.849	1/24/2004	1/24/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A24012	8.5	ND	0.849	1/24/2004	1/24/2004	
Surrogate: Dibromofluoromethane (80-125%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*116 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-03 (OC-SB-GP7-060-012104 - Soil)								
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A24010	90	**6200**	89.9	1/24/2004	1/25/2004	
Surrogate: Dibromofluoromethane (50-160%)				*112 %*				
Surrogate: Toluene-d8 (60-160%)				*130 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*116 %*				
Sample ID: INA1059-03RE1 (OC-SB-GP7-060-012104 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A23028	10	ND	0.914	1/23/2004	1/23/2004	
Benzene	EPA 8260B	4A23028	2.0	**2.1**	0.914	1/23/2004	1/23/2004	
Bromobenzene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
Bromochloromethane	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
Bromodichloromethane	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Bromoform	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
Bromomethane	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
2-Butanone (MEK)	EPA 8260B	4A23028	10	ND	0.914	1/23/2004	1/23/2004	
n-Butylbenzene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
sec-Butylbenzene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
tert-Butylbenzene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
Carbon tetrachloride	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
Chlorobenzene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Chloroethane	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
Chloroform	EPA 8260B	4A23028	2.0	**190**	0.914	1/23/2004	1/23/2004	
Chloromethane	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
2-Chlorotoluene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
4-Chlorotoluene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
Dibromochloromethane	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Dibromomethane	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
1,2-Dichlorobenzene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
1,3-Dichlorobenzene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
1,4-Dichlorobenzene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Dichlorodifluoromethane	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
1,1-Dichloroethane	EPA 8260B	4A23028	2.0	**15**	0.914	1/23/2004	1/23/2004	
1,2-Dichloroethane	EPA 8260B	4A23028	2.0	**2.0**	0.914	1/23/2004	1/23/2004	
1,1-Dichloroethene	EPA 8260B	4A23028	5.0	**85**	0.914	1/23/2004	1/23/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A23028	2.0	**2.4**	0.914	1/23/2004	1/23/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A23028	2.0	**4.9**	0.914	1/23/2004	1/23/2004	
1,2-Dichloropropane	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
1,3-Dichloropropane	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
2,2-Dichloropropane	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	

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Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-03RE1 (OC-SB-GP7-060-012104 - Soil) - cont.								
Reporting Units: ug/kg								
1,1-Dichloropropene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Ethylbenzene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Hexachlorobutadiene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
2-Hexanone	EPA 8260B	4A23028	10	ND	0.914	1/23/2004	1/23/2004	
Isopropylbenzene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
p-Isopropyltoluene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Methylene chloride	EPA 8260B	4A23028	20	**59**	0.914	1/23/2004	1/23/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
Naphthalene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
n-Propylbenzene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Styrene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Toluene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
1,1,1-Trichloroethane	EPA 8260B	4A23028	2.0	**6.6**	0.914	1/23/2004	1/23/2004	
1,1,2-Trichloroethane	EPA 8260B	4A23028	2.0	**4.2**	0.914	1/23/2004	1/23/2004	
Trichloroethene	EPA 8260B	4A23028	2.0	**110**	0.914	1/23/2004	1/23/2004	
Trichlorofluoromethane	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
1,2,3-Trichloropropane	EPA 8260B	4A23028	10	ND	0.914	1/23/2004	1/23/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Vinyl chloride	EPA 8260B	4A23028	5.0	ND	0.914	1/23/2004	1/23/2004	
o-Xylene	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
m,p-Xylenes	EPA 8260B	4A23028	2.0	ND	0.914	1/23/2004	1/23/2004	
Xylenes, Total	EPA 8260B	4A23028	4.0	ND	0.914	1/23/2004	1/23/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A23028	10	ND	0.914	1/23/2004	1/23/2004	
Surrogate: Dibromofluoromethane (80-125%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*114 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

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Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-04 (OC-SB-GP7-065-012104 - Soil)								
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A24010	79	**11000**	79.2	1/24/2004	1/25/2004	
Surrogate: Dibromofluoromethane (50-160%)				*113 %*				
Surrogate: Toluene-d8 (60-160%)				*129 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*116 %*				
Sample ID: INA1059-04RE1 (OC-SB-GP7-065-012104 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A23028	8.0	ND	0.803	1/23/2004	1/23/2004	
Benzene	EPA 8260B	4A23028	1.6	**2.3**	0.803	1/23/2004	1/23/2004	
Bromobenzene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
Bromochloromethane	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
Bromodichloromethane	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Bromoform	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
Bromomethane	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
2-Butanone (MEK)	EPA 8260B	4A23028	8.0	ND	0.803	1/23/2004	1/23/2004	
n-Butylbenzene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
sec-Butylbenzene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
tert-Butylbenzene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
Carbon tetrachloride	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
Chlorobenzene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Chloroethane	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
Chloroform	EPA 8260B	4A23028	1.6	**210**	0.803	1/23/2004	1/23/2004	
Chloromethane	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
2-Chlorotoluene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
4-Chlorotoluene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
Dibromochloromethane	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Dibromomethane	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
1,2-Dichlorobenzene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
1,3-Dichlorobenzene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
1,4-Dichlorobenzene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Dichlorodifluoromethane	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
1,1-Dichloroethane	EPA 8260B	4A23028	1.6	**17**	0.803	1/23/2004	1/23/2004	
1,2-Dichloroethane	EPA 8260B	4A23028	1.6	**5.0**	0.803	1/23/2004	1/23/2004	
1,1-Dichloroethene	EPA 8260B	4A23028	4.0	**110**	0.803	1/23/2004	1/23/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A23028	1.6	**2.1**	0.803	1/23/2004	1/23/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A23028	1.6	**7.1**	0.803	1/23/2004	1/23/2004	
1,2-Dichloropropane	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
1,3-Dichloropropane	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
2,2-Dichloropropane	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-04RE1 (OC-SB-GP7-065-012104 - Soil) - cont.								
Reporting Units: ug/kg								
1,1-Dichloropropene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Ethylbenzene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Hexachlorobutadiene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
2-Hexanone	EPA 8260B	4A23028	8.0	ND	0.803	1/23/2004	1/23/2004	
Isopropylbenzene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
p-Isopropyltoluene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Methylene chloride	EPA 8260B	4A23028	16	ND	0.803	1/23/2004	1/23/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
Naphthalene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
n-Propylbenzene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Styrene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Toluene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
1,1,1-Trichloroethane	EPA 8260B	4A23028	1.6	**10**	0.803	1/23/2004	1/23/2004	
1,1,2-Trichloroethane	EPA 8260B	4A23028	1.6	**7.9**	0.803	1/23/2004	1/23/2004	
Trichloroethene	EPA 8260B	4A23028	1.6	**130**	0.803	1/23/2004	1/23/2004	
Trichlorofluoromethane	EPA 8260B	4A23028	4.0	**5.7**	0.803	1/23/2004	1/23/2004	
1,2,3-Trichloropropane	EPA 8260B	4A23028	8.0	ND	0.803	1/23/2004	1/23/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Vinyl chloride	EPA 8260B	4A23028	4.0	ND	0.803	1/23/2004	1/23/2004	
o-Xylene	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
m,p-Xylenes	EPA 8260B	4A23028	1.6	ND	0.803	1/23/2004	1/23/2004	
Xylenes, Total	EPA 8260B	4A23028	3.2	ND	0.803	1/23/2004	1/23/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A23028	8.0	ND	0.803	1/23/2004	1/23/2004	
Surrogate: Dibromofluoromethane (80-125%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*114 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*99 %*				

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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-05 (OC-SB-GP4-780-012104 - Water)								
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	4A21079	0.50	ND	0.98	1/21/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*72 %*				

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Project ID: Omega Chemical Soil
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Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1059-01 (OC-SB-GP4-068-012104 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	ND	1	1/22/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*62 %*				
Sample ID: INA1059-02 (OC-SB-GP7-045-012104 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	ND	1	1/22/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*60 %*				
Sample ID: INA1059-03 (OC-SB-GP7-060-012104 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	ND	1	1/22/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*64 %*				
Sample ID: INA1059-04 (OC-SB-GP7-065-012104 - Soil)								
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A22053	25	ND	1	1/22/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*60 %*				

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Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24006 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24006-BLK1)										
Acetone	ND	10	ug/l							
Benzene	ND	0.50	ug/l							
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	ug/l							
Bromodichloromethane	ND	1.0	ug/l							
Bromoform	ND	1.0	ug/l							
Bromomethane	ND	1.0	ug/l							
n-Butylbenzene	ND	1.0	ug/l							
sec-Butylbenzene	ND	1.0	ug/l							
tert-Butylbenzene	ND	1.0	ug/l							
Carbon tetrachloride	ND	0.50	ug/l							
Chlorobenzene	ND	1.0	ug/l							
Chloroethane	ND	1.0	ug/l							
Chloroform	ND	1.0	ug/l							
Chloromethane	ND	1.0	ug/l							
2-Chlorotoluene	ND	1.0	ug/l							
4-Chlorotoluene	ND	1.0	ug/l							
Dibromochloromethane	ND	1.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	ug/l							
Dibromomethane	ND	1.0	ug/l							
1,2-Dichlorobenzene	ND	1.0	ug/l							
1,3-Dichlorobenzene	ND	1.0	ug/l							
1,4-Dichlorobenzene	ND	1.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	1.0	ug/l							
1,2-Dichloroethane	ND	0.50	ug/l							
1,1-Dichloroethene	ND	1.0	ug/l							
cis-1,2-Dichloroethene	ND	1.0	ug/l							
trans-1,2-Dichloroethene	ND	1.0	ug/l							
1,2-Dichloropropane	ND	1.0	ug/l							
1,3-Dichloropropane	ND	1.0	ug/l							
2,2-Dichloropropane	ND	1.0	ug/l							
1,1-Dichloropropene	ND	1.0	ug/l							
cis-1,3-Dichloropropene	ND	0.50	ug/l							

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Report Number: INA1059

Sampled: 01/21/04
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24006 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24006-BLK1)										
trans-1,3-Dichloropropene	ND	0.50	ug/l							
Ethylbenzene	ND	1.0	ug/l							
Hexachlorobutadiene	ND	1.0	ug/l							
Isopropylbenzene	ND	1.0	ug/l							
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
Naphthalene	ND	1.0	ug/l							
n-Propylbenzene	ND	1.0	ug/l							
Styrene	ND	1.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l							
Tetrachloroethene	ND	1.0	ug/l							
Toluene	ND	1.0	ug/l							
1,2,3-Trichlorobenzene	ND	1.0	ug/l							
1,2,4-Trichlorobenzene	ND	1.0	ug/l							
1,1,1-Trichloroethane	ND	1.0	ug/l							
1,1,2-Trichloroethane	ND	1.0	ug/l							
Trichloroethene	ND	1.0	ug/l							
Trichlorofluoromethane	ND	1.0	ug/l							
Trichlorotrifluoroethane (Freon 113)	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	1.0	ug/l							
1,2,4-Trimethylbenzene	ND	1.0	ug/l							
1,3,5-Trimethylbenzene	ND	1.0	ug/l							
Vinyl chloride	ND	0.50	ug/l							
o-Xylene	ND	1.0	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Surrogate: Dibromofluoromethane	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.5*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			

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Sampled: 01/21/04
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24006 Extracted: 01/24/04										
LCS Analyzed: 01/24/04 (4A24006-BS1)										
Acetone	21.2	10	ug/l	25.0		85	25-120			
Benzene	22.6	0.50	ug/l	25.0		90	70-120			
Bromobenzene	25.6	1.0	ug/l	25.0		102	80-120			
Bromochloromethane	25.3	1.0	ug/l	25.0		101	65-135			
Bromodichloromethane	26.9	1.0	ug/l	25.0		108	70-140			
Bromoform	27.9	1.0	ug/l	25.0		112	50-135			
Bromomethane	23.4	1.0	ug/l	25.0		94	60-140			
n-Butylbenzene	26.0	1.0	ug/l	25.0		104	75-130			
sec-Butylbenzene	26.1	1.0	ug/l	25.0		104	75-125			
tert-Butylbenzene	27.8	1.0	ug/l	25.0		111	75-125			
Carbon tetrachloride	27.1	0.50	ug/l	25.0		108	70-140			
Chlorobenzene	24.0	1.0	ug/l	25.0		96	80-125			
Chloroethane	22.2	1.0	ug/l	25.0		89	60-145			
Chloroform	24.8	1.0	ug/l	25.0		99	70-130			
Chloromethane	17.9	1.0	ug/l	25.0		72	40-145			
2-Chlorotoluene	25.8	1.0	ug/l	25.0		103	75-125			
4-Chlorotoluene	25.9	1.0	ug/l	25.0		104	75-125			
Dibromochloromethane	27.2	1.0	ug/l	25.0		109	65-145			
1,2-Dibromo-3-chloropropane	25.7	5.0	ug/l	25.0		103	50-130			
1,2-Dibromoethane (EDB)	25.6	1.0	ug/l	25.0		102	70-125			
Dibromomethane	25.7	1.0	ug/l	25.0		103	70-130			
1,2-Dichlorobenzene	26.3	1.0	ug/l	25.0		105	75-120			
1,3-Dichlorobenzene	24.6	1.0	ug/l	25.0		98	75-120			
1,4-Dichlorobenzene	24.6	1.0	ug/l	25.0		98	80-120			
Dichlorodifluoromethane	16.3	5.0	ug/l	25.0		65	10-160			
1,1-Dichloroethane	23.3	1.0	ug/l	25.0		93	70-135			
1,2-Dichloroethane	27.0	0.50	ug/l	25.0		108	60-150			
1,1-Dichloroethene	24.6	1.0	ug/l	25.0		98	75-140			
cis-1,2-Dichloroethene	23.5	1.0	ug/l	25.0		94	65-125			
trans-1,2-Dichloroethene	24.0	1.0	ug/l	25.0		96	65-130			
1,2-Dichloropropane	23.0	1.0	ug/l	25.0		92	65-120			
1,3-Dichloropropane	23.4	1.0	ug/l	25.0		94	70-130			
2,2-Dichloropropane	25.1	1.0	ug/l	25.0		100	70-150			
1,1-Dichloropropene	24.3	1.0	ug/l	25.0		97	75-130			
cis-1,3-Dichloropropene	26.4	0.50	ug/l	25.0		106	70-130			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24006 Extracted: 01/24/04										
LCS Analyzed: 01/24/04 (4A24006-BS1)										
trans-1,3-Dichloropropene	28.1	0.50	ug/l	25.0		112	75-135			
Ethylbenzene	25.5	1.0	ug/l	25.0		102	80-120			
Hexachlorobutadiene	25.3	1.0	ug/l	25.0		101	65-140			
Isopropylbenzene	26.7	1.0	ug/l	25.0		107	70-125			
p-Isopropyltoluene	24.9	1.0	ug/l	25.0		100	75-125			
Methylene chloride	23.7	5.0	ug/l	25.0		95	60-135			
Methyl-tert-butyl Ether (MTBE)	29.0	1.0	ug/l	25.0		116	55-145			
Naphthalene	28.3	1.0	ug/l	25.0		113	50-145			
n-Propylbenzene	26.6	1.0	ug/l	25.0		106	75-130			
Styrene	28.2	1.0	ug/l	25.0		113	80-135			
1,1,1,2-Tetrachloroethane	25.6	1.0	ug/l	25.0		102	70-145			
1,1,2,2-Tetrachloroethane	23.5	1.0	ug/l	25.0		94	60-135			
Tetrachloroethene	25.4	1.0	ug/l	25.0		102	75-125			
Toluene	23.7	1.0	ug/l	25.0		95	70-120			
1,2,3-Trichlorobenzene	27.1	1.0	ug/l	25.0		108	65-135			
1,2,4-Trichlorobenzene	27.6	1.0	ug/l	25.0		110	70-140			
1,1,1-Trichloroethane	26.2	1.0	ug/l	25.0		105	75-140			
1,1,2-Trichloroethane	24.6	1.0	ug/l	25.0		98	65-125			
Trichloroethene	24.3	1.0	ug/l	25.0		97	75-120			
Trichlorofluoromethane	24.6	1.0	ug/l	25.0		98	60-145			
1,2,3-Trichloropropane	24.1	1.0	ug/l	25.0		96	60-130			
1,2,4-Trimethylbenzene	26.4	1.0	ug/l	25.0		106	75-125			
1,3,5-Trimethylbenzene	26.4	1.0	ug/l	25.0		106	75-125			
Vinyl chloride	21.1	0.50	ug/l	25.0		84	50-125			
o-Xylene	25.3	1.0	ug/l	25.0		101	75-125			
m,p-Xylenes	49.9	1.0	ug/l	50.0		100	70-120			
Surrogate: Dibromofluoromethane	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24006 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24006-MS1)					**Source: INA1016-01**					
Acetone	29.4	10	ug/l	25.0	5.3	96	10-150			
Benzene	26.7	0.50	ug/l	25.0	ND	107	70-120			
Bromobenzene	30.6	1.0	ug/l	25.0	ND	122	60-135			
Bromochloromethane	29.6	1.0	ug/l	25.0	ND	118	60-140			
Bromodichloromethane	32.1	1.0	ug/l	25.0	ND	128	70-140			
Bromoform	33.0	1.0	ug/l	25.0	ND	132	50-135			
Bromomethane	26.0	1.0	ug/l	25.0	ND	104	50-140			
n-Butylbenzene	30.4	1.0	ug/l	25.0	ND	122	70-135			
sec-Butylbenzene	30.4	1.0	ug/l	25.0	ND	122	70-130			
tert-Butylbenzene	32.5	1.0	ug/l	25.0	ND	130	70-130			
Carbon tetrachloride	32.3	0.50	ug/l	25.0	ND	129	70-140			
Chlorobenzene	28.3	1.0	ug/l	25.0	ND	113	80-125			
Chloroethane	25.4	1.0	ug/l	25.0	ND	102	50-145			
Chloroform	29.5	1.0	ug/l	25.0	ND	118	70-130			
Chloromethane	20.0	1.0	ug/l	25.0	ND	80	30-145			
2-Chlorotoluene	30.0	1.0	ug/l	25.0	ND	120	65-145			
4-Chlorotoluene	30.7	1.0	ug/l	25.0	ND	123	70-145			
Dibromochloromethane	32.1	1.0	ug/l	25.0	ND	128	65-145			
1,2-Dibromo-3-chloropropane	34.7	5.0	ug/l	25.0	ND	139	50-150			
1,2-Dibromoethane (EDB)	31.0	1.0	ug/l	25.0	ND	124	70-125			
Dibromomethane	31.1	1.0	ug/l	25.0	ND	124	65-135			
1,2-Dichlorobenzene	30.9	1.0	ug/l	25.0	ND	124	70-130			
1,3-Dichlorobenzene	28.8	1.0	ug/l	25.0	ND	115	70-130			
1,4-Dichlorobenzene	28.6	1.0	ug/l	25.0	ND	114	75-120			
Dichlorodifluoromethane	18.3	5.0	ug/l	25.0	ND	73	10-160			
1,1-Dichloroethane	27.4	1.0	ug/l	25.0	ND	110	65-135			
1,2-Dichloroethane	32.1	0.50	ug/l	25.0	ND	128	60-150			
1,1-Dichloroethene	28.0	1.0	ug/l	25.0	ND	112	65-145			
cis-1,2-Dichloroethene	28.1	1.0	ug/l	25.0	ND	112	60-130			
trans-1,2-Dichloroethene	27.9	1.0	ug/l	25.0	ND	112	60-135			
1,2-Dichloropropane	27.2	1.0	ug/l	25.0	ND	109	60-130			
1,3-Dichloropropane	27.6	1.0	ug/l	25.0	ND	110	65-140			
2,2-Dichloropropane	29.1	1.0	ug/l	25.0	ND	116	60-150			
1,1-Dichloropropene	28.7	1.0	ug/l	25.0	ND	115	60-145			
cis-1,3-Dichloropropene	30.7	0.50	ug/l	25.0	ND	123	70-140			

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24006 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24006-MS1)					**Source: INA1016-01**					
trans-1,3-Dichloropropene	33.5	0.50	ug/l	25.0	ND	134	70-140			
Ethylbenzene	29.8	1.0	ug/l	25.0	ND	119	70-125			
Hexachlorobutadiene	30.0	1.0	ug/l	25.0	ND	120	65-140			
Isopropylbenzene	31.8	1.0	ug/l	25.0	ND	127	65-130			
p-Isopropyltoluene	28.4	1.0	ug/l	25.0	ND	114	70-130			
Methylene chloride	27.3	5.0	ug/l	25.0	ND	109	60-135			
Methyl-tert-butyl Ether (MTBE)	34.6	1.0	ug/l	25.0	ND	138	50-150			
Naphthalene	34.3	1.0	ug/l	25.0	ND	137	50-145			
n-Propylbenzene	31.4	1.0	ug/l	25.0	ND	126	70-135			
Styrene	22.6	1.0	ug/l	25.0	ND	90	60-145			
1,1,1,2-Tetrachloroethane	29.9	1.0	ug/l	25.0	ND	120	65-145			
1,1,2,2-Tetrachloroethane	30.8	1.0	ug/l	25.0	ND	123	60-140			
Tetrachloroethene	29.6	1.0	ug/l	25.0	ND	118	70-130			
Toluene	28.1	1.0	ug/l	25.0	ND	112	65-120			
1,2,3-Trichlorobenzene	32.2	1.0	ug/l	25.0	ND	129	60-135			
1,2,4-Trichlorobenzene	32.8	1.0	ug/l	25.0	ND	131	55-140			
1,1,1-Trichloroethane	30.9	1.0	ug/l	25.0	ND	124	75-140			
1,1,2-Trichloroethane	29.1	1.0	ug/l	25.0	ND	116	60-135			
Trichloroethene	28.4	1.0	ug/l	25.0	ND	114	70-125			
Trichlorofluoromethane	28.7	1.0	ug/l	25.0	ND	115	50-150			
1,2,3-Trichloropropane	30.2	1.0	ug/l	25.0	ND	121	60-140			
1,2,4-Trimethylbenzene	27.0	1.0	ug/l	25.0	ND	108	60-125			
1,3,5-Trimethylbenzene	29.0	1.0	ug/l	25.0	ND	116	70-130			
Vinyl chloride	23.6	0.50	ug/l	25.0	ND	94	40-130			
o-Xylene	29.1	1.0	ug/l	25.0	ND	116	65-125			
m,p-Xylenes	57.0	1.0	ug/l	50.0	ND	114	60-125			
Surrogate: Dibromofluoromethane	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			

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Patty Mata
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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24006 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24006-MSD1)					**Source: INA1016-01**					
Acetone	30.2	10	ug/l	25.0	5.3	100	10-150	3	35	
Benzene	29.2	0.50	ug/l	25.0	ND	117	70-120	9	20	
Bromobenzene	32.9	1.0	ug/l	25.0	ND	132	60-135	7	25	
Bromochloromethane	31.7	1.0	ug/l	25.0	ND	127	60-140	7	25	
Bromodichloromethane	34.5	1.0	ug/l	25.0	ND	138	70-140	7	20	
Bromoform	37.4	1.0	ug/l	25.0	ND	150	50-135	12	25	*M1*
Bromomethane	29.1	1.0	ug/l	25.0	ND	116	50-140	11	25	
n-Butylbenzene	33.0	1.0	ug/l	25.0	ND	132	70-135	8	20	
sec-Butylbenzene	33.3	1.0	ug/l	25.0	ND	133	70-130	9	20	*M1*
tert-Butylbenzene	35.8	1.0	ug/l	25.0	ND	143	70-130	10	20	*M1*
Carbon tetrachloride	35.0	0.50	ug/l	25.0	ND	140	70-140	8	25	
Chlorobenzene	32.2	1.0	ug/l	25.0	ND	129	80-125	13	20	*M1*
Chloroethane	27.9	1.0	ug/l	25.0	ND	112	50-145	9	25	
Chloroform	31.2	1.0	ug/l	25.0	ND	125	70-130	6	20	
Chloromethane	23.2	1.0	ug/l	25.0	ND	93	30-145	15	30	
2-Chlorotoluene	33.4	1.0	ug/l	25.0	ND	134	65-145	11	25	
4-Chlorotoluene	33.4	1.0	ug/l	25.0	ND	134	70-145	8	20	
Dibromochloromethane	36.0	1.0	ug/l	25.0	ND	144	65-145	11	20	
1,2-Dibromo-3-chloropropane	36.4	5.0	ug/l	25.0	ND	146	50-150	5	25	
1,2-Dibromoethane (EDB)	34.4	1.0	ug/l	25.0	ND	138	70-125	10	20	*M1*
Dibromomethane	33.0	1.0	ug/l	25.0	ND	132	65-135	6	20	
1,2-Dichlorobenzene	33.5	1.0	ug/l	25.0	ND	134	70-130	8	20	*M1*
1,3-Dichlorobenzene	31.5	1.0	ug/l	25.0	ND	126	70-130	9	20	
1,4-Dichlorobenzene	31.6	1.0	ug/l	25.0	ND	126	75-120	10	20	*M1*
Dichlorodifluoromethane	19.7	5.0	ug/l	25.0	ND	79	10-160	7	30	
1,1-Dichloroethane	29.8	1.0	ug/l	25.0	ND	119	65-135	8	20	
1,2-Dichloroethane	34.3	0.50	ug/l	25.0	ND	137	60-150	7	25	
1,1-Dichloroethene	30.4	1.0	ug/l	25.0	ND	122	65-145	8	25	
cis-1,2-Dichloroethene	30.6	1.0	ug/l	25.0	ND	122	60-130	9	20	
trans-1,2-Dichloroethene	30.3	1.0	ug/l	25.0	ND	121	60-135	8	20	
1,2-Dichloropropane	29.3	1.0	ug/l	25.0	ND	117	60-130	7	20	
1,3-Dichloropropane	31.2	1.0	ug/l	25.0	ND	125	65-140	12	25	
2,2-Dichloropropane	31.2	1.0	ug/l	25.0	ND	125	60-150	7	20	
1,1-Dichloropropene	31.1	1.0	ug/l	25.0	ND	124	60-145	8	20	
cis-1,3-Dichloropropene	33.3	0.50	ug/l	25.0	ND	133	70-140	8	20	

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24006 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24006-MSD1)					**Source: INA1016-01**					
trans-1,3-Dichloropropene	35.5	0.50	ug/l	25.0	ND	142	70-140	6	20	*M1*
Ethylbenzene	33.7	1.0	ug/l	25.0	ND	135	70-125	12	20	*M1*
Hexachlorobutadiene	32.7	1.0	ug/l	25.0	ND	131	65-140	9	25	
Isopropylbenzene	34.7	1.0	ug/l	25.0	ND	139	65-130	9	25	*M1*
p-Isopropyltoluene	31.2	1.0	ug/l	25.0	ND	125	70-130	9	20	
Methylene chloride	29.3	5.0	ug/l	25.0	ND	117	60-135	7	20	
Methyl-tert-butyl Ether (MTBE)	37.5	1.0	ug/l	25.0	ND	150	50-150	8	25	
Naphthalene	36.4	1.0	ug/l	25.0	ND	146	50-145	6	25	*M1*
n-Propylbenzene	34.3	1.0	ug/l	25.0	ND	137	70-135	9	20	*M1*
Styrene	26.0	1.0	ug/l	25.0	ND	104	60-145	14	25	
1,1,1,2-Tetrachloroethane	33.8	1.0	ug/l	25.0	ND	135	65-145	12	20	
1,1,2,2-Tetrachloroethane	33.4	1.0	ug/l	25.0	ND	134	60-140	8	25	
Tetrachloroethene	33.8	1.0	ug/l	25.0	ND	135	70-130	13	20	*M1*
Toluene	30.5	1.0	ug/l	25.0	ND	122	65-120	8	20	*M1*
1,2,3-Trichlorobenzene	34.8	1.0	ug/l	25.0	ND	139	60-135	8	20	*M1*
1,2,4-Trichlorobenzene	35.1	1.0	ug/l	25.0	ND	140	55-140	7	25	
1,1,1-Trichloroethane	33.2	1.0	ug/l	25.0	ND	133	75-140	7	20	
1,1,2-Trichloroethane	31.7	1.0	ug/l	25.0	ND	127	60-135	9	20	
Trichloroethene	30.7	1.0	ug/l	25.0	ND	123	70-125	8	20	
Trichlorofluoromethane	30.2	1.0	ug/l	25.0	ND	121	50-150	5	25	
1,2,3-Trichloropropane	32.5	1.0	ug/l	25.0	ND	130	60-140	7	25	
1,2,4-Trimethylbenzene	29.3	1.0	ug/l	25.0	ND	117	60-125	8	20	
1,3,5-Trimethylbenzene	31.5	1.0	ug/l	25.0	ND	126	70-130	8	20	
Vinyl chloride	26.5	0.50	ug/l	25.0	ND	106	40-130	12	25	
o-Xylene	33.1	1.0	ug/l	25.0	ND	132	65-125	13	20	*M1*
m,p-Xylenes	64.5	1.0	ug/l	50.0	ND	129	60-125	12	25	*M1*
Surrogate: Dibromofluoromethane	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: Toluene-d8	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			

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Patty Mata
Project Manager

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A23028-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A23028-BLK1)										
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	4.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	*53.5*		*ug/kg*	*50.0*		*107*	*80-125*			
Surrogate: Toluene-d8	*57.3*		*ug/kg*	*50.0*		*115*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*51.7*		*ug/kg*	*50.0*		*103*	*80-120*			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
LCS Analyzed: 01/23/04 (4A23028-BS1)										
Acetone	36.6	10	ug/kg	50.0		73	40-155			
Benzene	47.7	2.0	ug/kg	50.0		95	70-120			
Bromobenzene	50.6	5.0	ug/kg	50.0		101	80-120			
Bromochloromethane	50.8	5.0	ug/kg	50.0		102	65-135			
Bromodichloromethane	54.8	2.0	ug/kg	50.0		110	70-140			
Bromoform	48.7	5.0	ug/kg	50.0		97	60-140			
Bromomethane	45.3	5.0	ug/kg	50.0		91	60-140			
2-Butanone (MEK)	53.8	10	ug/kg	50.0		108	50-145			
n-Butylbenzene	50.8	5.0	ug/kg	50.0		102	75-130			
sec-Butylbenzene	50.2	5.0	ug/kg	50.0		100	75-125			
tert-Butylbenzene	49.8	5.0	ug/kg	50.0		100	80-125			
Carbon tetrachloride	53.2	5.0	ug/kg	50.0		106	70-140			
Chlorobenzene	51.4	2.0	ug/kg	50.0		103	80-125			
Chloroethane	45.2	5.0	ug/kg	50.0		90	55-145			
Chloroform	51.1	2.0	ug/kg	50.0		102	75-120			
Chloromethane	38.2	5.0	ug/kg	50.0		76	35-145			
2-Chlorotoluene	49.6	5.0	ug/kg	50.0		99	75-125			
4-Chlorotoluene	50.9	5.0	ug/kg	50.0		102	80-125			
Dibromochloromethane	55.6	2.0	ug/kg	50.0		111	65-145			
1,2-Dibromo-3-chloropropane	45.6	5.0	ug/kg	50.0		91	50-150			
1,2-Dibromoethane (EDB)	56.1	2.0	ug/kg	50.0		112	70-130			
Dibromomethane	54.6	2.0	ug/kg	50.0		109	70-130			
1,2-Dichlorobenzene	49.3	2.0	ug/kg	50.0		99	80-125			
1,3-Dichlorobenzene	49.5	2.0	ug/kg	50.0		99	80-120			
1,4-Dichlorobenzene	49.9	2.0	ug/kg	50.0		100	80-120			
Dichlorodifluoromethane	26.5	5.0	ug/kg	50.0		53	10-160			
1,1-Dichloroethane	50.1	2.0	ug/kg	50.0		100	70-135			
1,2-Dichloroethane	54.5	2.0	ug/kg	50.0		109	60-150			
1,1-Dichloroethene	48.7	5.0	ug/kg	50.0		97	75-130			
cis-1,2-Dichloroethene	49.4	2.0	ug/kg	50.0		99	70-125			
trans-1,2-Dichloroethene	49.7	2.0	ug/kg	50.0		99	70-130			
1,2-Dichloropropane	52.4	2.0	ug/kg	50.0		105	70-120			
1,3-Dichloropropane	55.0	2.0	ug/kg	50.0		110	70-130			
2,2-Dichloropropane	53.1	2.0	ug/kg	50.0		106	70-150			
1,1-Dichloropropene	51.4	2.0	ug/kg	50.0		103	75-130			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
LCS Analyzed: 01/23/04 (4A23028-BS1)										
cis-1,3-Dichloropropene	52.6	2.0	ug/kg	50.0		105	75-130			
trans-1,3-Dichloropropene	53.5	2.0	ug/kg	50.0		107	70-135			
Ethylbenzene	51.4	2.0	ug/kg	50.0		103	75-125			
Hexachlorobutadiene	47.4	5.0	ug/kg	50.0		95	75-140			
2-Hexanone	58.3	10	ug/kg	50.0		117	40-155			
Isopropylbenzene	50.1	2.0	ug/kg	50.0		100	75-125			
p-Isopropyltoluene	48.6	2.0	ug/kg	50.0		97	75-125			
Methylene chloride	47.5	20	ug/kg	50.0		95	60-135			
4-Methyl-2-pentanone (MIBK)	61.3	5.0	ug/kg	50.0		123	50-145			
Methyl-tert-butyl Ether (MTBE)	59.4	5.0	ug/kg	50.0		119	55-145			
Naphthalene	51.6	5.0	ug/kg	50.0		103	50-145			
n-Propylbenzene	51.9	2.0	ug/kg	50.0		104	75-130			
Styrene	53.6	2.0	ug/kg	50.0		107	80-135			
1,1,1,2-Tetrachloroethane	50.0	5.0	ug/kg	50.0		100	70-145			
1,1,2,2-Tetrachloroethane	57.8	2.0	ug/kg	50.0		116	55-145			
Tetrachloroethene	51.0	2.0	ug/kg	50.0		102	80-125			
Toluene	50.1	2.0	ug/kg	50.0		100	75-120			
1,2,3-Trichlorobenzene	45.8	5.0	ug/kg	50.0		92	65-135			
1,2,4-Trichlorobenzene	50.6	5.0	ug/kg	50.0		101	70-140			
1,1,1-Trichloroethane	50.3	2.0	ug/kg	50.0		101	75-140			
1,1,2-Trichloroethane	56.0	2.0	ug/kg	50.0		112	65-130			
Trichloroethene	51.1	2.0	ug/kg	50.0		102	75-125			
Trichlorofluoromethane	46.0	5.0	ug/kg	50.0		92	50-145			
1,2,3-Trichloropropane	56.3	10	ug/kg	50.0		113	55-140			
1,2,4-Trimethylbenzene	50.8	2.0	ug/kg	50.0		102	75-125			
1,3,5-Trimethylbenzene	51.4	2.0	ug/kg	50.0		103	80-125			
Vinyl chloride	41.0	5.0	ug/kg	50.0		82	45-130			
o-Xylene	49.7	2.0	ug/kg	50.0		99	75-125			
m,p-Xylenes	101	2.0	ug/kg	100		101	75-125			
Xylenes, Total	151	4.0	ug/kg	150		101	75-125			
Surrogate: Dibromofluoromethane	*50.8*		*ug/kg*	*50.0*		*102*	*80-125*			
Surrogate: Toluene-d8	*57.9*		*ug/kg*	*50.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/kg*	*50.0*		*105*	*80-120*			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/23/04 (4A23028-MS1)					**Source: INA1055-03**					
Acetone	34.9	10	ug/kg	50.0	ND	70	10-155			
Benzene	42.4	2.0	ug/kg	50.0	ND	85	65-130			
Bromobenzene	47.1	5.0	ug/kg	50.0	ND	94	70-130			
Bromochloromethane	47.9	5.0	ug/kg	50.0	ND	96	60-145			
Bromodichloromethane	49.2	2.0	ug/kg	50.0	ND	98	70-145			
Bromoform	44.9	5.0	ug/kg	50.0	ND	90	60-145			
Bromomethane	41.2	5.0	ug/kg	50.0	ND	82	50-150			
2-Butanone (MEK)	45.2	10	ug/kg	50.0	ND	90	15-180			
n-Butylbenzene	45.8	5.0	ug/kg	50.0	ND	92	60-140			
sec-Butylbenzene	46.0	5.0	ug/kg	50.0	ND	92	65-135			
tert-Butylbenzene	45.1	5.0	ug/kg	50.0	ND	90	70-130			
Carbon tetrachloride	47.1	5.0	ug/kg	50.0	ND	94	70-140			
Chlorobenzene	46.8	2.0	ug/kg	50.0	ND	94	80-130			
Chloroethane	41.1	5.0	ug/kg	50.0	ND	82	50-150			
Chloroform	47.1	2.0	ug/kg	50.0	ND	94	70-130			
Chloromethane	34.3	5.0	ug/kg	50.0	ND	69	30-150			
2-Chlorotoluene	45.3	5.0	ug/kg	50.0	ND	91	70-130			
4-Chlorotoluene	46.4	5.0	ug/kg	50.0	ND	93	65-135			
Dibromochloromethane	51.7	2.0	ug/kg	50.0	ND	103	65-145			
1,2-Dibromo-3-chloropropane	39.1	5.0	ug/kg	50.0	ND	78	50-150			
1,2-Dibromoethane (EDB)	51.6	2.0	ug/kg	50.0	ND	103	65-135			
Dibromomethane	49.8	2.0	ug/kg	50.0	ND	100	65-135			
1,2-Dichlorobenzene	45.7	2.0	ug/kg	50.0	ND	91	75-130			
1,3-Dichlorobenzene	45.4	2.0	ug/kg	50.0	ND	91	70-125			
1,4-Dichlorobenzene	45.8	2.0	ug/kg	50.0	ND	92	75-130			
Dichlorodifluoromethane	23.4	5.0	ug/kg	50.0	ND	47	10-200			
1,1-Dichloroethane	45.6	2.0	ug/kg	50.0	ND	91	70-135			
1,2-Dichloroethane	48.9	2.0	ug/kg	50.0	ND	98	60-150			
1,1-Dichloroethene	43.5	5.0	ug/kg	50.0	ND	87	75-140			
cis-1,2-Dichloroethene	44.5	2.0	ug/kg	50.0	ND	89	60-135			
trans-1,2-Dichloroethene	45.9	2.0	ug/kg	50.0	ND	92	65-135			
1,2-Dichloropropane	46.4	2.0	ug/kg	50.0	ND	93	65-125			
1,3-Dichloropropane	50.0	2.0	ug/kg	50.0	ND	100	65-135			
2,2-Dichloropropane	48.6	2.0	ug/kg	50.0	ND	97	60-150			
1,1-Dichloropropene	45.1	2.0	ug/kg	50.0	ND	90	60-140			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/23/04 (4A23028-MS1)					**Source: INA1055-03**					
cis-1,3-Dichloropropene	47.0	2.0	ug/kg	50.0	ND	94	65-135			
trans-1,3-Dichloropropene	48.4	2.0	ug/kg	50.0	ND	97	65-140			
Ethylbenzene	47.1	2.0	ug/kg	50.0	ND	94	70-130			
Hexachlorobutadiene	42.2	5.0	ug/kg	50.0	ND	84	65-145			
2-Hexanone	51.8	10	ug/kg	50.0	ND	104	30-160			
Isopropylbenzene	45.7	2.0	ug/kg	50.0	ND	91	60-135			
p-Isopropyltoluene	45.0	2.0	ug/kg	50.0	ND	90	60-135			
Methylene chloride	42.8	20	ug/kg	50.0	ND	86	60-145			
4-Methyl-2-pentanone (MIBK)	53.7	5.0	ug/kg	50.0	ND	107	40-155			
Methyl-tert-butyl Ether (MTBE)	55.3	5.0	ug/kg	50.0	ND	111	50-150			
Naphthalene	46.6	5.0	ug/kg	50.0	3.1	87	40-160			
n-Propylbenzene	47.3	2.0	ug/kg	50.0	ND	95	60-140			
Styrene	48.6	2.0	ug/kg	50.0	ND	97	70-145			
1,1,1,2-Tetrachloroethane	46.3	5.0	ug/kg	50.0	ND	93	65-145			
1,1,2,2-Tetrachloroethane	52.4	2.0	ug/kg	50.0	ND	105	55-150			
Tetrachloroethene	46.0	2.0	ug/kg	50.0	ND	92	70-130			
Toluene	45.3	2.0	ug/kg	50.0	ND	91	70-125			
1,2,3-Trichlorobenzene	41.4	5.0	ug/kg	50.0	1.2	80	60-135			
1,2,4-Trichlorobenzene	45.9	5.0	ug/kg	50.0	ND	92	65-140			
1,1,1-Trichloroethane	45.6	2.0	ug/kg	50.0	ND	91	65-140			
1,1,2-Trichloroethane	49.1	2.0	ug/kg	50.0	ND	98	60-140			
Trichloroethene	45.0	2.0	ug/kg	50.0	ND	90	70-140			
Trichlorofluoromethane	41.0	5.0	ug/kg	50.0	ND	82	40-160			
1,2,3-Trichloropropane	51.2	10	ug/kg	50.0	ND	102	55-140			
1,2,4-Trimethylbenzene	46.2	2.0	ug/kg	50.0	ND	92	65-130			
1,3,5-Trimethylbenzene	47.2	2.0	ug/kg	50.0	ND	94	70-130			
Vinyl chloride	36.5	5.0	ug/kg	50.0	ND	73	45-130			
o-Xylene	44.9	2.0	ug/kg	50.0	ND	90	70-125			
m,p-Xylenes	92.1	2.0	ug/kg	100	ND	92	70-125			
Xylenes, Total	137	4.0	ug/kg	150	ND	91	70-125			
Surrogate: Dibromofluoromethane	*52.3*		*ug/kg*	*50.0*		*105*	*80-125*			
Surrogate: Toluene-d8	*57.8*		*ug/kg*	*50.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/kg*	*50.0*		*105*	*80-120*			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/23/04 (4A23028-MSD1)					**Source: INA1055-03**					
Acetone	46.9	10	ug/kg	50.0	ND	94	10-155	29	35	
Benzene	48.4	2.0	ug/kg	50.0	ND	97	65-130	13	20	
Bromobenzene	51.0	5.0	ug/kg	50.0	ND	102	70-130	8	20	
Bromochloromethane	55.3	5.0	ug/kg	50.0	ND	111	60-145	14	25	
Bromodichloromethane	55.3	2.0	ug/kg	50.0	ND	111	70-145	12	20	
Bromoform	54.2	5.0	ug/kg	50.0	ND	108	60-145	19	25	
Bromomethane	47.3	5.0	ug/kg	50.0	ND	95	50-150	14	25	
2-Butanone (MEK)	61.7	10	ug/kg	50.0	ND	123	15-180	31	50	
n-Butylbenzene	49.1	5.0	ug/kg	50.0	ND	98	60-140	7	25	
sec-Butylbenzene	48.5	5.0	ug/kg	50.0	ND	97	65-135	5	20	
tert-Butylbenzene	48.5	5.0	ug/kg	50.0	ND	97	70-130	7	20	
Carbon tetrachloride	52.8	5.0	ug/kg	50.0	ND	106	70-140	11	20	
Chlorobenzene	50.9	2.0	ug/kg	50.0	ND	102	80-130	8	20	
Chloroethane	48.0	5.0	ug/kg	50.0	ND	96	50-150	15	30	
Chloroform	53.2	2.0	ug/kg	50.0	ND	106	70-130	12	20	
Chloromethane	39.9	5.0	ug/kg	50.0	ND	80	30-150	15	30	
2-Chlorotoluene	48.6	5.0	ug/kg	50.0	ND	97	70-130	7	20	
4-Chlorotoluene	49.2	5.0	ug/kg	50.0	ND	98	65-135	6	20	
Dibromochloromethane	58.9	2.0	ug/kg	50.0	ND	118	65-145	13	25	
1,2-Dibromo-3-chloropropane	55.5	5.0	ug/kg	50.0	ND	111	50-150	35	30	*R*
1,2-Dibromoethane (EDB)	59.2	2.0	ug/kg	50.0	ND	118	65-135	14	20	
Dibromomethane	58.8	2.0	ug/kg	50.0	ND	118	65-135	17	20	
1,2-Dichlorobenzene	50.7	2.0	ug/kg	50.0	ND	101	75-130	10	20	
1,3-Dichlorobenzene	49.3	2.0	ug/kg	50.0	ND	99	70-125	8	20	
1,4-Dichlorobenzene	49.9	2.0	ug/kg	50.0	ND	100	75-130	9	20	
Dichlorodifluoromethane	27.2	5.0	ug/kg	50.0	ND	54	10-200	15	35	
1,1-Dichloroethane	51.4	2.0	ug/kg	50.0	ND	103	70-135	12	20	
1,2-Dichloroethane	56.1	2.0	ug/kg	50.0	ND	112	60-150	14	25	
1,1-Dichloroethene	49.3	5.0	ug/kg	50.0	ND	99	75-140	12	20	
cis-1,2-Dichloroethene	50.6	2.0	ug/kg	50.0	ND	101	60-135	13	20	
trans-1,2-Dichloroethene	51.9	2.0	ug/kg	50.0	ND	104	65-135	12	20	
1,2-Dichloropropane	52.4	2.0	ug/kg	50.0	ND	105	65-125	12	20	
1,3-Dichloropropane	57.4	2.0	ug/kg	50.0	ND	115	65-135	14	20	
2,2-Dichloropropane	55.1	2.0	ug/kg	50.0	ND	110	60-150	13	20	
1,1-Dichloropropene	50.9	2.0	ug/kg	50.0	ND	102	60-140	12	20	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/23/04 (4A23028-MSD1)					**Source: INA1055-03**					
cis-1,3-Dichloropropene	53.7	2.0	ug/kg	50.0	ND	107	65-135	13	20	
trans-1,3-Dichloropropene	56.7	2.0	ug/kg	50.0	ND	113	65-140	16	20	
Ethylbenzene	50.8	2.0	ug/kg	50.0	ND	102	70-130	8	20	
Hexachlorobutadiene	45.8	5.0	ug/kg	50.0	ND	92	65-145	8	20	
2-Hexanone	70.5	10	ug/kg	50.0	ND	141	30-160	31	35	
Isopropylbenzene	48.9	2.0	ug/kg	50.0	ND	98	60-135	7	25	
p-Isopropyltoluene	47.5	2.0	ug/kg	50.0	ND	95	60-135	5	20	
Methylene chloride	49.0	20	ug/kg	50.0	ND	98	60-145	14	25	
4-Methyl-2-pentanone (MIBK)	71.7	5.0	ug/kg	50.0	ND	143	40-155	29	30	
Methyl-tert-butyl Ether (MTBE)	68.0	5.0	ug/kg	50.0	ND	136	50-150	21	25	
Naphthalene	62.9	5.0	ug/kg	50.0	3.1	120	40-160	30	25	*R*
n-Propylbenzene	50.2	2.0	ug/kg	50.0	ND	100	60-140	6	25	
Styrene	54.0	2.0	ug/kg	50.0	ND	108	70-145	11	20	
1,1,1,2-Tetrachloroethane	50.5	5.0	ug/kg	50.0	ND	101	65-145	9	20	
1,1,2,2-Tetrachloroethane	63.8	2.0	ug/kg	50.0	ND	128	55-150	20	25	
Tetrachloroethene	50.7	2.0	ug/kg	50.0	ND	101	70-130	10	20	
Toluene	50.7	2.0	ug/kg	50.0	ND	101	70-125	11	20	
1,2,3-Trichlorobenzene	52.9	5.0	ug/kg	50.0	1.2	103	60-135	24	20	*R*
1,2,4-Trichlorobenzene	53.0	5.0	ug/kg	50.0	ND	106	65-140	14	25	
1,1,1-Trichloroethane	51.5	2.0	ug/kg	50.0	ND	103	65-140	12	20	
1,1,2-Trichloroethane	58.8	2.0	ug/kg	50.0	ND	118	60-140	18	20	
Trichloroethene	50.5	2.0	ug/kg	50.0	ND	101	70-140	12	20	
Trichlorofluoromethane	46.6	5.0	ug/kg	50.0	ND	93	40-160	13	30	
1,2,3-Trichloropropane	62.9	10	ug/kg	50.0	ND	126	55-140	21	25	
1,2,4-Trimethylbenzene	50.0	2.0	ug/kg	50.0	ND	100	65-130	8	20	
1,3,5-Trimethylbenzene	50.0	2.0	ug/kg	50.0	ND	100	70-130	6	20	
Vinyl chloride	41.7	5.0	ug/kg	50.0	ND	83	45-130	13	30	
o-Xylene	49.1	2.0	ug/kg	50.0	ND	98	70-125	9	20	
m,p-Xylenes	101	2.0	ug/kg	100	ND	101	70-125	9	20	
Xylenes, Total	150	4.0	ug/kg	150	ND	100	70-125	9	20	
Surrogate: Dibromofluoromethane	*54.2*		*ug/kg*	*50.0*		*108*	*80-125*			
Surrogate: Toluene-d8	*58.3*		*ug/kg*	*50.0*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/kg*	*50.0*		*107*	*80-120*			

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10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24010-BLK1)										
Acetone	ND	1500	ug/kg							
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
2-Butanone (MEK)	ND	1000	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24010-BLK1)										
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
2-Hexanone	ND	500	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	500	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	250	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Xylenes, Total	ND	200	ug/kg							
Di-isopropyl Ether (DIPE)	ND	250	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	250	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	250	ug/kg							
tert-Butanol (TBA)	ND	2500	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	500	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24010-BLK1)										
Surrogate: Dibromofluoromethane	*3520*		*ug/kg*	*2500*		*141*	*50-160*			
Surrogate: Toluene-d8	*3360*		*ug/kg*	*2500*		*134*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*3500*		*ug/kg*	*2500*		*140*	*60-150*			
LCS Analyzed: 01/26/04 (4A24010-BS1)										
Acetone	1380	1500	ug/kg	2500		55	35-120			
Benzene	2360	100	ug/kg	2500		94	75-125			
Bromobenzene	2660	250	ug/kg	2500		106	80-120			
Bromochloromethane	2650	250	ug/kg	2500		106	65-140			
Bromodichloromethane	2720	100	ug/kg	2500		109	70-140			
Bromoform	2120	250	ug/kg	2500		85	60-130			
Bromomethane	1550	250	ug/kg	2500		62	35-140			
2-Butanone (MEK)	1700	1000	ug/kg	2500		68	45-145			
n-Butylbenzene	2760	250	ug/kg	2500		110	80-130			
sec-Butylbenzene	2770	250	ug/kg	2500		111	75-125			
tert-Butylbenzene	2710	250	ug/kg	2500		108	80-125			
Carbon tetrachloride	2540	250	ug/kg	2500		102	70-140			
Chlorobenzene	2660	100	ug/kg	2500		106	80-125			
Chloroethane	1610	250	ug/kg	2500		64	40-145			
Chloroform	2650	100	ug/kg	2500		106	75-130			
Chloromethane	1120	250	ug/kg	2500		45	30-145			
2-Chlorotoluene	2680	250	ug/kg	2500		107	75-125			
4-Chlorotoluene	2780	250	ug/kg	2500		111	80-125			
Dibromochloromethane	2310	100	ug/kg	2500		92	65-145			
1,2-Dibromo-3-chloropropane	1840	250	ug/kg	2500		74	45-135			
1,2-Dibromoethane (EDB)	2440	100	ug/kg	2500		98	75-130			
Dibromomethane	2450	100	ug/kg	2500		98	75-135			
1,2-Dichlorobenzene	2750	100	ug/kg	2500		110	80-120			
1,3-Dichlorobenzene	2710	100	ug/kg	2500		108	80-120			
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	80-120			
Dichlorodifluoromethane	429	250	ug/kg	2500		17	10-160			
1,1-Dichloroethane	2590	100	ug/kg	2500		104	70-135			
1,2-Dichloroethane	2480	100	ug/kg	2500		99	60-150			
1,1-Dichloroethene	2420	250	ug/kg	2500		97	80-145			
cis-1,2-Dichloroethene	2700	100	ug/kg	2500		108	70-135			

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Report Number: INA1059

Sampled: 01/21/04
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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Analyzed: 01/26/04 (4A24010-BS1)										
trans-1,2-Dichloroethene	2560	100	ug/kg	2500		102	70-135			
1,2-Dichloropropane	2480	100	ug/kg	2500		99	75-125			
1,3-Dichloropropane	2480	100	ug/kg	2500		99	75-130			
2,2-Dichloropropane	2320	100	ug/kg	2500		93	70-150			
1,1-Dichloropropene	2420	100	ug/kg	2500		97	75-130			
cis-1,3-Dichloropropene	2540	100	ug/kg	2500		102	75-130			
trans-1,3-Dichloropropene	2230	100	ug/kg	2500		89	75-135			
Ethylbenzene	2680	100	ug/kg	2500		107	80-120			
Hexachlorobutadiene	2480	250	ug/kg	2500		99	75-140			
2-Hexanone	1600	500	ug/kg	2500		64	40-135			
Isopropylbenzene	2670	100	ug/kg	2500		107	75-125			
p-Isopropyltoluene	2520	100	ug/kg	2500		101	80-125			
Methylene chloride	2660	1000	ug/kg	2500		106	60-145			
4-Methyl-2-pentanone (MIBK)	1970	500	ug/kg	2500		79	50-140			
Methyl-tert-butyl Ether (MTBE)	2770	250	ug/kg	2500		111	55-150			
Naphthalene	2610	250	ug/kg	2500		104	50-145			
n-Propylbenzene	2800	100	ug/kg	2500		112	75-130			
Styrene	2600	100	ug/kg	2500		104	80-135			
1,1,1,2-Tetrachloroethane	2640	250	ug/kg	2500		106	70-145			
1,1,2,2-Tetrachloroethane	2280	100	ug/kg	2500		91	60-135			
Tetrachloroethene	2480	100	ug/kg	2500		99	80-125			
Toluene	2560	100	ug/kg	2500		102	80-125			
1,2,3-Trichlorobenzene	2830	250	ug/kg	2500		113	65-135			
1,2,4-Trichlorobenzene	2900	250	ug/kg	2500		116	70-140			
1,1,1-Trichloroethane	2610	100	ug/kg	2500		104	75-140			
1,1,2-Trichloroethane	2320	100	ug/kg	2500		93	70-130			
Trichloroethene	2530	100	ug/kg	2500		101	80-130			
Trichlorofluoromethane	2020	250	ug/kg	2500		81	55-145			
1,2,3-Trichloropropane	2110	500	ug/kg	2500		84	60-130			
1,2,4-Trimethylbenzene	2750	100	ug/kg	2500		110	80-125			
1,3,5-Trimethylbenzene	2740	100	ug/kg	2500		110	80-125			
Vinyl chloride	533	250	ug/kg	2500		21	10-120			
o-Xylene	2780	100	ug/kg	2500		111	80-125			
m,p-Xylenes	5450	100	ug/kg	5000		109	80-120			
Xylenes, Total	8230	200	ug/kg	7500		110	80-125			

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Camp, Dresser & McKee
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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Analyzed: 01/26/04 (4A24010-BS1)										
Di-isopropyl Ether (DIPE)	2880	250	ug/kg	2500		115	65-145			
Ethyl tert-Butyl Ether (ETBE)	2920	250	ug/kg	2500		117	60-150			
tert-Amyl Methyl Ether (TAME)	2960	250	ug/kg	2500		118	60-150			
tert-Butanol (TBA)	13000	2500	ug/kg	12500		104	75-140			
Surrogate: Dibromofluoromethane	*2460*		*ug/kg*	*2500*		*98*	*50-160*			
Surrogate: Toluene-d8	*2390*		*ug/kg*	*2500*		*96*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2440*		*ug/kg*	*2500*		*98*	*60-150*			
LCS Dup Analyzed: 01/27/04 (4A24010-BSD1)										
Acetone	1230	1500	ug/kg	2500		49	35-120	11	30	
Benzene	2390	100	ug/kg	2500		96	75-125	1	20	
Bromobenzene	2530	250	ug/kg	2500		101	80-120	5	20	
Bromochloromethane	2630	250	ug/kg	2500		105	65-140	1	20	
Bromodichloromethane	2760	100	ug/kg	2500		110	70-140	1	20	
Bromoform	2120	250	ug/kg	2500		85	60-130	0	25	
Bromomethane	1430	250	ug/kg	2500		57	35-140	8	30	
2-Butanone (MEK)	2070	1000	ug/kg	2500		83	45-145	20	25	
n-Butylbenzene	2740	250	ug/kg	2500		110	80-130	1	20	
sec-Butylbenzene	2670	250	ug/kg	2500		107	75-125	4	20	
tert-Butylbenzene	2650	250	ug/kg	2500		106	80-125	2	20	
Carbon tetrachloride	2480	250	ug/kg	2500		99	70-140	2	20	
Chlorobenzene	2590	100	ug/kg	2500		104	80-125	3	20	
Chloroethane	1320	250	ug/kg	2500		53	40-145	20	25	
Chloroform	2670	100	ug/kg	2500		107	75-130	1	20	
Chloromethane	797	250	ug/kg	2500		32	30-145	34	25	*R-7*
2-Chlorotoluene	2690	250	ug/kg	2500		108	75-125	0	20	
4-Chlorotoluene	2790	250	ug/kg	2500		112	80-125	0	20	
Dibromochloromethane	2340	100	ug/kg	2500		94	65-145	1	20	
1,2-Dibromo-3-chloropropane	1990	250	ug/kg	2500		80	45-135	8	25	
1,2-Dibromoethane (EDB)	2570	100	ug/kg	2500		103	75-130	5	20	
Dibromomethane	2510	100	ug/kg	2500		100	75-135	2	20	
1,2-Dichlorobenzene	2650	100	ug/kg	2500		106	80-120	4	20	
1,3-Dichlorobenzene	2640	100	ug/kg	2500		106	80-120	3	20	
1,4-Dichlorobenzene	2600	100	ug/kg	2500		104	80-120	3	20	
Dichlorodifluoromethane	256	250	ug/kg	2500		10	10-160	51	30	*R-7*

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Camp, Dresser & McKee
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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Dup Analyzed: 01/27/04 (4A24010-BSD1)										
1,1-Dichloroethane	2500	100	ug/kg	2500		100	70-135	4	20	
1,2-Dichloroethane	2530	100	ug/kg	2500		101	60-150	2	25	
1,1-Dichloroethene	2370	250	ug/kg	2500		95	80-145	2	20	
cis-1,2-Dichloroethene	2660	100	ug/kg	2500		106	70-135	1	20	
trans-1,2-Dichloroethene	2570	100	ug/kg	2500		103	70-135	0	20	
1,2-Dichloropropane	2460	100	ug/kg	2500		98	75-125	1	20	
1,3-Dichloropropane	2590	100	ug/kg	2500		104	75-130	4	20	
2,2-Dichloropropane	2790	100	ug/kg	2500		112	70-150	18	20	
1,1-Dichloropropene	2480	100	ug/kg	2500		99	75-130	2	20	
cis-1,3-Dichloropropene	2780	100	ug/kg	2500		111	75-130	9	20	
trans-1,3-Dichloropropene	2460	100	ug/kg	2500		98	75-135	10	20	
Ethylbenzene	2640	100	ug/kg	2500		106	80-120	2	20	
Hexachlorobutadiene	2000	250	ug/kg	2500		80	75-140	21	20	*R-7*
2-Hexanone	1940	500	ug/kg	2500		78	40-135	19	25	
Isopropylbenzene	2650	100	ug/kg	2500		106	75-125	1	20	
p-Isopropyltoluene	2470	100	ug/kg	2500		99	80-125	2	20	
Methylene chloride	2690	1000	ug/kg	2500		108	60-145	1	20	
4-Methyl-2-pentanone (MIBK)	2170	500	ug/kg	2500		87	50-140	10	25	
Methyl-tert-butyl Ether (MTBE)	2970	250	ug/kg	2500		119	55-150	7	25	
Naphthalene	2410	250	ug/kg	2500		96	50-145	8	25	
n-Propylbenzene	2790	100	ug/kg	2500		112	75-130	0	20	
Styrene	2530	100	ug/kg	2500		101	80-135	3	20	
1,1,1,2-Tetrachloroethane	2560	250	ug/kg	2500		102	70-145	3	20	
1,1,2,2-Tetrachloroethane	2660	100	ug/kg	2500		106	60-135	15	25	
Tetrachloroethene	2330	100	ug/kg	2500		93	80-125	6	20	
Toluene	2510	100	ug/kg	2500		100	80-125	2	20	
1,2,3-Trichlorobenzene	2450	250	ug/kg	2500		98	65-135	14	20	
1,2,4-Trichlorobenzene	2570	250	ug/kg	2500		103	70-140	12	20	
1,1,1-Trichloroethane	2630	100	ug/kg	2500		105	75-140	1	20	
1,1,2-Trichloroethane	2510	100	ug/kg	2500		100	70-130	8	20	
Trichloroethene	2350	100	ug/kg	2500		94	80-130	7	20	
Trichlorofluoromethane	1840	250	ug/kg	2500		74	55-145	9	25	
1,2,3-Trichloropropane	2420	500	ug/kg	2500		97	60-130	14	20	
1,2,4-Trimethylbenzene	2680	100	ug/kg	2500		107	80-125	3	20	
1,3,5-Trimethylbenzene	2730	100	ug/kg	2500		109	80-125	0	20	

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Dup Analyzed: 01/27/04 (4A24010-BSD1)										
Vinyl chloride	491	250	ug/kg	2500		20	10-120	8	30	
o-Xylene	2710	100	ug/kg	2500		108	80-125	3	20	
m,p-Xylenes	5320	100	ug/kg	5000		106	80-120	2	20	
Xylenes, Total	8040	200	ug/kg	7500		107	80-125	2	20	
Di-isopropyl Ether (DIPE)	2670	250	ug/kg	2500		107	65-145	8	20	
Ethyl tert-Butyl Ether (ETBE)	2830	250	ug/kg	2500		113	60-150	3	25	
tert-Amyl Methyl Ether (TAME)	3110	250	ug/kg	2500		124	60-150	5	25	
tert-Butanol (TBA)	11800	2500	ug/kg	12500		94	75-140	10	20	
Surrogate: Dibromofluoromethane	*2400*		*ug/kg*	*2500*		*96*	*50-160*			
Surrogate: Toluene-d8	*2400*		*ug/kg*	*2500*		*96*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2490*		*ug/kg*	*2500*		*100*	*60-150*			
Matrix Spike Analyzed: 01/24/04 (4A24010-MS1)					**Source: INA1168-03**					
Acetone	1660	1500	ug/kg	2500	ND	66	20-150			
Benzene	2740	100	ug/kg	2500	ND	110	60-140			
Bromobenzene	2820	250	ug/kg	2500	ND	113	65-130			
Bromochloromethane	2760	250	ug/kg	2500	ND	110	60-145			
Bromodichloromethane	2930	100	ug/kg	2500	ND	117	65-150			
Bromoform	2410	250	ug/kg	2500	ND	96	55-150			
Bromomethane	1590	250	ug/kg	2500	ND	64	30-160			
2-Butanone (MEK)	2250	1000	ug/kg	2500	ND	90	15-180			
n-Butylbenzene	3040	250	ug/kg	2500	ND	122	60-150			
sec-Butylbenzene	2980	250	ug/kg	2500	340	106	65-145			
tert-Butylbenzene	3080	250	ug/kg	2500	ND	123	60-150			
Carbon tetrachloride	2810	250	ug/kg	2500	ND	112	70-140			
Chlorobenzene	2810	100	ug/kg	2500	ND	112	70-140			
Chloroethane	1760	250	ug/kg	2500	ND	70	30-170			
Chloroform	2860	100	ug/kg	2500	ND	114	60-140			
Chloromethane	1580	250	ug/kg	2500	ND	63	30-160			
2-Chlorotoluene	2930	250	ug/kg	2500	ND	117	60-140			
4-Chlorotoluene	3020	250	ug/kg	2500	ND	121	70-135			
Dibromochloromethane	2740	100	ug/kg	2500	ND	110	60-150			
1,2-Dibromo-3-chloropropane	2410	250	ug/kg	2500	ND	96	40-150			
1,2-Dibromoethane (EDB)	2610	100	ug/kg	2500	ND	104	65-140			
Dibromomethane	2700	100	ug/kg	2500	ND	108	65-140			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24010-MS1)					**Source: INA1168-03**					
1,2-Dichlorobenzene	2730	100	ug/kg	2500	ND	109	70-130			
1,3-Dichlorobenzene	2720	100	ug/kg	2500	ND	109	60-155			
1,4-Dichlorobenzene	2730	100	ug/kg	2500	ND	109	55-150			
Dichlorodifluoromethane	647	250	ug/kg	2500	ND	26	10-160			
1,1-Dichloroethane	2790	100	ug/kg	2500	ND	112	60-155			
1,2-Dichloroethane	2650	100	ug/kg	2500	ND	106	55-150			
1,1-Dichloroethene	2600	250	ug/kg	2500	ND	104	60-165			
cis-1,2-Dichloroethene	2760	100	ug/kg	2500	ND	110	60-135			
trans-1,2-Dichloroethene	2780	100	ug/kg	2500	ND	111	50-155			
1,2-Dichloropropane	2790	100	ug/kg	2500	ND	112	65-135			
1,3-Dichloropropane	2610	100	ug/kg	2500	ND	104	65-135			
2,2-Dichloropropane	2960	100	ug/kg	2500	ND	118	60-150			
1,1-Dichloropropene	2830	100	ug/kg	2500	ND	113	60-140			
cis-1,3-Dichloropropene	2960	100	ug/kg	2500	ND	118	60-135			
trans-1,3-Dichloropropene	2940	100	ug/kg	2500	ND	118	55-155			
Ethylbenzene	3350	100	ug/kg	2500	1400	78	60-140			
Hexachlorobutadiene	2700	250	ug/kg	2500	ND	108	65-145			
2-Hexanone	2010	500	ug/kg	2500	ND	80	35-160			
Isopropylbenzene	3020	100	ug/kg	2500	450	103	60-140			
p-Isopropyltoluene	2810	100	ug/kg	2500	91	109	60-145			
Methylene chloride	2670	1000	ug/kg	2500	ND	107	50-155			
4-Methyl-2-pentanone (MIBK)	2550	500	ug/kg	2500	ND	102	40-150			
Methyl-tert-butyl Ether (MTBE)	2710	250	ug/kg	2500	ND	108	45-160			
Naphthalene	2620	250	ug/kg	2500	280	94	30-165			
n-Propylbenzene	3310	100	ug/kg	2500	1800	60	60-145			
Styrene	3040	100	ug/kg	2500	ND	122	60-145			
1,1,1,2-Tetrachloroethane	2760	250	ug/kg	2500	ND	110	65-145			
1,1,2,2-Tetrachloroethane	2520	100	ug/kg	2500	ND	101	60-150			
Tetrachloroethene	2790	100	ug/kg	2500	ND	112	65-145			
Toluene	2750	100	ug/kg	2500	ND	110	60-145			
1,2,3-Trichlorobenzene	2670	250	ug/kg	2500	ND	107	45-145			
1,2,4-Trichlorobenzene	2770	250	ug/kg	2500	ND	111	60-140			
1,1,1-Trichloroethane	2790	100	ug/kg	2500	ND	112	65-140			
1,1,2-Trichloroethane	2640	100	ug/kg	2500	ND	106	60-140			
Trichloroethene	2800	100	ug/kg	2500	ND	112	70-150			

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Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24010-MS1)					**Source: INA1168-03**					
Trichlorofluoromethane	2320	250	ug/kg	2500	ND	93	35-165			
1,2,3-Trichloropropane	2400	500	ug/kg	2500	ND	96	50-150			
1,2,4-Trimethylbenzene	3140	100	ug/kg	2500	670	99	70-135			
1,3,5-Trimethylbenzene	2980	100	ug/kg	2500	110	115	70-135			
Vinyl chloride	927	250	ug/kg	2500	ND	37	10-120			
o-Xylene	2880	100	ug/kg	2500	ND	115	60-145			
m,p-Xylenes	5790	100	ug/kg	5000	ND	116	60-140			
Xylenes, Total	8660	200	ug/kg	7500	ND	115	60-145			
Di-isopropyl Ether (DIPE)	3010	250	ug/kg	2500	ND	120	50-160			
Ethyl tert-Butyl Ether (ETBE)	3000	250	ug/kg	2500	ND	120	60-160			
tert-Amyl Methyl Ether (TAME)	3010	250	ug/kg	2500	ND	120	55-160			
tert-Butanol (TBA)	14500	2500	ug/kg	12500	ND	116	60-160			
Surrogate: Dibromofluoromethane	*2570*		*ug/kg*	*2500*		*103*	*50-160*			
Surrogate: Toluene-d8	*2590*		*ug/kg*	*2500*		*104*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2590*		*ug/kg*	*2500*		*104*	*60-150*			
Matrix Spike Dup Analyzed: 01/24/04 (4A24010-MSD1)					**Source: INA1168-03**					
Acetone	1730	1500	ug/kg	2500	ND	69	20-150	4	35	
Benzene	2890	100	ug/kg	2500	ND	116	60-140	5	25	
Bromobenzene	3000	250	ug/kg	2500	ND	120	65-130	6	25	
Bromochloromethane	2910	250	ug/kg	2500	ND	116	60-145	5	25	
Bromodichloromethane	3060	100	ug/kg	2500	ND	122	65-150	4	25	
Bromoform	2520	250	ug/kg	2500	ND	101	55-150	4	30	
Bromomethane	1660	250	ug/kg	2500	ND	66	30-160	4	30	
2-Butanone (MEK)	2290	1000	ug/kg	2500	ND	92	15-180	2	50	
n-Butylbenzene	3390	250	ug/kg	2500	ND	136	60-150	11	25	
sec-Butylbenzene	3290	250	ug/kg	2500	340	118	65-145	10	25	
tert-Butylbenzene	3330	250	ug/kg	2500	ND	133	60-150	8	20	
Carbon tetrachloride	2910	250	ug/kg	2500	ND	116	70-140	3	20	
Chlorobenzene	2960	100	ug/kg	2500	ND	118	70-140	5	25	
Chloroethane	1830	250	ug/kg	2500	ND	73	30-170	4	35	
Chloroform	2960	100	ug/kg	2500	ND	118	60-140	3	25	
Chloromethane	1610	250	ug/kg	2500	ND	64	30-160	2	30	
2-Chlorotoluene	3160	250	ug/kg	2500	ND	126	60-140	8	25	
4-Chlorotoluene	3240	250	ug/kg	2500	ND	130	70-135	7	20	

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Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Batch: 4A24010 Extracted: 01/24/04

Matrix Spike Dup Analyzed: 01/24/04 (4A24010-MSD1) **Source: INA1168-03**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Dibromochloromethane	2900	100	ug/kg	2500	ND	116	60-150	6	25	
1,2-Dibromo-3-chloropropane	2770	250	ug/kg	2500	ND	111	40-150	14	30	
1,2-Dibromoethane (EDB)	2740	100	ug/kg	2500	ND	110	65-140	5	25	
Dibromomethane	2780	100	ug/kg	2500	ND	111	65-140	3	20	
1,2-Dichlorobenzene	2900	100	ug/kg	2500	ND	116	70-130	6	20	
1,3-Dichlorobenzene	2900	100	ug/kg	2500	ND	116	60-155	6	25	
1,4-Dichlorobenzene	2890	100	ug/kg	2500	ND	116	55-150	6	25	
Dichlorodifluoromethane	653	250	ug/kg	2500	ND	26	10-160	1	35	
1,1-Dichloroethane	2920	100	ug/kg	2500	ND	117	60-155	5	25	
1,2-Dichloroethane	2780	100	ug/kg	2500	ND	111	55-150	5	30	
1,1-Dichloroethene	2700	250	ug/kg	2500	ND	108	60-165	4	25	
cis-1,2-Dichloroethene	2910	100	ug/kg	2500	ND	116	60-135	5	25	
trans-1,2-Dichloroethene	2910	100	ug/kg	2500	ND	116	50-155	5	25	
1,2-Dichloropropane	2930	100	ug/kg	2500	ND	117	65-135	5	20	
1,3-Dichloropropane	2720	100	ug/kg	2500	ND	109	65-135	4	20	
2,2-Dichloropropane	3110	100	ug/kg	2500	ND	124	60-150	5	20	
1,1-Dichloropropene	2950	100	ug/kg	2500	ND	118	60-140	4	20	
cis-1,3-Dichloropropene	3120	100	ug/kg	2500	ND	125	60-135	5	25	
trans-1,3-Dichloropropene	3100	100	ug/kg	2500	ND	124	55-155	5	25	
Ethylbenzene	4200	100	ug/kg	2500	1400	112	60-140	23	25	
Hexachlorobutadiene	2880	250	ug/kg	2500	ND	115	65-145	6	25	
2-Hexanone	1300	500	ug/kg	2500	ND	52	35-160	43	30	*R*
Isopropylbenzene	3390	100	ug/kg	2500	450	118	60-140	12	25	
p-Isopropyltoluene	3010	100	ug/kg	2500	91	117	60-145	7	25	
Methylene chloride	2760	1000	ug/kg	2500	ND	110	50-155	3	25	
4-Methyl-2-pentanone (MIBK)	2600	500	ug/kg	2500	ND	104	40-150	2	30	
Methyl-tert-butyl Ether (MTBE)	2920	250	ug/kg	2500	ND	117	45-160	7	30	
Naphthalene	2830	250	ug/kg	2500	280	102	30-165	8	30	
n-Propylbenzene	4190	100	ug/kg	2500	1800	96	60-145	23	25	
Styrene	3220	100	ug/kg	2500	ND	129	60-145	6	20	
1,1,1,2-Tetrachloroethane	2930	250	ug/kg	2500	ND	117	65-145	6	20	
1,1,2,2-Tetrachloroethane	2630	100	ug/kg	2500	ND	105	60-150	4	20	
Tetrachloroethene	2920	100	ug/kg	2500	ND	117	65-145	5	25	
Toluene	2910	100	ug/kg	2500	ND	116	60-145	6	25	
1,2,3-Trichlorobenzene	2750	250	ug/kg	2500	ND	110	45-145	3	30	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24010-MSD1)					**Source: INA1168-03**					
1,2,4-Trichlorobenzene	2900	250	ug/kg	2500	ND	116	60-140	5	25	
1,1,1-Trichloroethane	2960	100	ug/kg	2500	ND	118	65-140	6	25	
1,1,2-Trichloroethane	2800	100	ug/kg	2500	ND	112	60-140	6	20	
Trichloroethene	2910	100	ug/kg	2500	ND	116	70-150	4	25	
Trichlorofluoromethane	2390	250	ug/kg	2500	ND	96	35-165	3	30	
1,2,3-Trichloropropane	2510	500	ug/kg	2500	ND	100	50-150	4	20	
1,2,4-Trimethylbenzene	3390	100	ug/kg	2500	670	109	70-135	8	20	
1,3,5-Trimethylbenzene	3190	100	ug/kg	2500	110	123	70-135	7	25	
Vinyl chloride	968	250	ug/kg	2500	ND	39	10-120	4	35	
o-Xylene	3050	100	ug/kg	2500	ND	122	60-145	6	25	
m,p-Xylenes	6120	100	ug/kg	5000	ND	122	60-140	6	25	
Xylenes, Total	9170	200	ug/kg	7500	ND	122	60-145	6	30	
Di-isopropyl Ether (DIPE)	3310	250	ug/kg	2500	ND	132	50-160	9	25	
Ethyl tert-Butyl Ether (ETBE)	3220	250	ug/kg	2500	ND	129	60-160	7	25	
tert-Amyl Methyl Ether (TAME)	3180	250	ug/kg	2500	ND	127	55-160	5	25	
tert-Butanol (TBA)	17400	2500	ug/kg	12500	ND	139	60-160	18	25	
Surrogate: Dibromofluoromethane	*2680*		*ug/kg*	*2500*		*107*	*50-160*			
Surrogate: Toluene-d8	*2730*		*ug/kg*	*2500*		*109*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2780*		*ug/kg*	*2500*		*111*	*60-150*			
Batch: 4A24012 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24012-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							

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10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24012-BLK1)										
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24012-BLK1)										
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	6.48	2.0	ug/kg							*B-1*
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	4.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	*52.8*		*ug/kg*	*50.0*		*106*	*80-125*			
Surrogate: Toluene-d8	*58.3*		*ug/kg*	*50.0*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*50.4*		*ug/kg*	*50.0*		*101*	*80-120*			
LCS Analyzed: 01/24/04 (4A24012-BS1)										
Acetone	34.8	10	ug/kg	50.0		70	40-155			
Benzene	52.7	2.0	ug/kg	50.0		105	70-120			
Bromobenzene	55.4	5.0	ug/kg	50.0		111	80-120			
Bromochloromethane	54.4	5.0	ug/kg	50.0		109	65-135			
Bromodichloromethane	57.8	2.0	ug/kg	50.0		116	70-140			
Bromoform	46.8	5.0	ug/kg	50.0		94	60-140			
Bromomethane	57.3	5.0	ug/kg	50.0		115	60-140			
2-Butanone (MEK)	46.1	10	ug/kg	50.0		92	50-145			
n-Butylbenzene	57.7	5.0	ug/kg	50.0		115	75-130			
sec-Butylbenzene	57.3	5.0	ug/kg	50.0		115	75-125			
tert-Butylbenzene	55.7	5.0	ug/kg	50.0		111	80-125			

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Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
LCS Analyzed: 01/24/04 (4A24012-BS1)										
Carbon tetrachloride	60.0	5.0	ug/kg	50.0		120	70-140			
Chlorobenzene	56.4	2.0	ug/kg	50.0		113	80-125			
Chloroethane	55.3	5.0	ug/kg	50.0		111	55-145			
Chloroform	56.6	2.0	ug/kg	50.0		113	75-120			
Chloromethane	52.4	5.0	ug/kg	50.0		105	35-145			
2-Chlorotoluene	56.2	5.0	ug/kg	50.0		112	75-125			
4-Chlorotoluene	56.3	5.0	ug/kg	50.0		113	80-125			
Dibromochloromethane	57.0	2.0	ug/kg	50.0		114	65-145			
1,2-Dibromo-3-chloropropane	37.7	5.0	ug/kg	50.0		75	50-150			
1,2-Dibromoethane (EDB)	54.2	2.0	ug/kg	50.0		108	70-130			
Dibromomethane	53.8	2.0	ug/kg	50.0		108	70-130			
1,2-Dichlorobenzene	53.2	2.0	ug/kg	50.0		106	80-125			
1,3-Dichlorobenzene	54.3	2.0	ug/kg	50.0		109	80-120			
1,4-Dichlorobenzene	54.7	2.0	ug/kg	50.0		109	80-120			
Dichlorodifluoromethane	46.9	5.0	ug/kg	50.0		94	10-160			
1,1-Dichloroethane	56.1	2.0	ug/kg	50.0		112	70-135			
1,2-Dichloroethane	55.2	2.0	ug/kg	50.0		110	60-150			
1,1-Dichloroethene	56.5	5.0	ug/kg	50.0		113	75-130			
cis-1,2-Dichloroethene	54.9	2.0	ug/kg	50.0		110	70-125			
trans-1,2-Dichloroethene	57.8	2.0	ug/kg	50.0		116	70-130			
1,2-Dichloropropane	55.7	2.0	ug/kg	50.0		111	70-120			
1,3-Dichloropropane	53.7	2.0	ug/kg	50.0		107	70-130			
2,2-Dichloropropane	62.2	2.0	ug/kg	50.0		124	70-150			
1,1-Dichloropropene	57.4	2.0	ug/kg	50.0		115	75-130			
cis-1,3-Dichloropropene	55.4	2.0	ug/kg	50.0		111	75-130			
trans-1,3-Dichloropropene	54.2	2.0	ug/kg	50.0		108	70-135			
Ethylbenzene	57.2	2.0	ug/kg	50.0		114	75-125			
Hexachlorobutadiene	53.4	5.0	ug/kg	50.0		107	75-140			
2-Hexanone	48.1	10	ug/kg	50.0		96	40-155			
Isopropylbenzene	56.6	2.0	ug/kg	50.0		113	75-125			
p-Isopropyltoluene	55.8	2.0	ug/kg	50.0		112	75-125			
Methylene chloride	51.9	20	ug/kg	50.0		104	60-135			
4-Methyl-2-pentanone (MIBK)	50.2	5.0	ug/kg	50.0		100	50-145			
Methyl-tert-butyl Ether (MTBE)	56.6	5.0	ug/kg	50.0		113	55-145			
Naphthalene	46.1	5.0	ug/kg	50.0		92	50-145			

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Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
LCS Analyzed: 01/24/04 (4A24012-BS1)										
n-Propylbenzene	58.8	2.0	ug/kg	50.0		118	75-130			
Styrene	58.7	2.0	ug/kg	50.0		117	80-135			
1,1,1,2-Tetrachloroethane	53.3	5.0	ug/kg	50.0		107	70-145			
1,1,2,2-Tetrachloroethane	52.6	2.0	ug/kg	50.0		105	55-145			
Tetrachloroethene	57.5	2.0	ug/kg	50.0		115	80-125			
Toluene	55.6	2.0	ug/kg	50.0		111	75-120			
1,2,3-Trichlorobenzene	44.8	5.0	ug/kg	50.0		90	65-135			
1,2,4-Trichlorobenzene	53.2	5.0	ug/kg	50.0		106	70-140			
1,1,1-Trichloroethane	57.6	2.0	ug/kg	50.0		115	75-140			
1,1,2-Trichloroethane	53.4	2.0	ug/kg	50.0		107	65-130			
Trichloroethene	55.4	2.0	ug/kg	50.0		111	75-125			
Trichlorofluoromethane	56.0	5.0	ug/kg	50.0		112	50-145			
1,2,3-Trichloropropane	50.8	10	ug/kg	50.0		102	55-140			
1,2,4-Trimethylbenzene	57.3	2.0	ug/kg	50.0		115	75-125			
1,3,5-Trimethylbenzene	58.0	2.0	ug/kg	50.0		116	80-125			
Vinyl chloride	53.9	5.0	ug/kg	50.0		108	45-130			
o-Xylene	54.7	2.0	ug/kg	50.0		109	75-125			
m,p-Xylenes	112	2.0	ug/kg	100		112	75-125			
Xylenes, Total	167	4.0	ug/kg	150		111	75-125			
Surrogate: Dibromofluoromethane	*50.3*		*ug/kg*	*50.0*		*101*	*80-125*			
Surrogate: Toluene-d8	*57.8*		*ug/kg*	*50.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.6*		*ug/kg*	*50.0*		*105*	*80-120*			
Matrix Spike Analyzed: 01/24/04 (4A24012-MS1)					**Source: INA1055-18**					
Acetone	49.5	10	ug/kg	50.0	ND	99	10-155			
Benzene	48.4	2.0	ug/kg	50.0	ND	97	65-130			
Bromobenzene	51.5	5.0	ug/kg	50.0	ND	103	70-130			
Bromochloromethane	56.2	5.0	ug/kg	50.0	ND	112	60-145			
Bromodichloromethane	56.2	2.0	ug/kg	50.0	ND	112	70-145			
Bromoform	55.1	5.0	ug/kg	50.0	ND	110	60-145			
Bromomethane	49.8	5.0	ug/kg	50.0	ND	100	50-150			
2-Butanone (MEK)	62.6	10	ug/kg	50.0	ND	125	15-180			
n-Butylbenzene	48.3	5.0	ug/kg	50.0	ND	97	60-140			
sec-Butylbenzene	48.4	5.0	ug/kg	50.0	ND	97	65-135			
tert-Butylbenzene	47.2	5.0	ug/kg	50.0	ND	94	70-130			

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Camp, Dresser & McKee
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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24012-MS1)					**Source: INA1055-18**					
Carbon tetrachloride	53.4	5.0	ug/kg	50.0	ND	107	70-140			
Chlorobenzene	51.3	2.0	ug/kg	50.0	ND	103	80-130			
Chloroethane	49.0	5.0	ug/kg	50.0	ND	98	50-150			
Chloroform	53.0	2.0	ug/kg	50.0	ND	106	70-130			
Chloromethane	46.4	5.0	ug/kg	50.0	ND	93	30-150			
2-Chlorotoluene	48.6	5.0	ug/kg	50.0	ND	97	70-130			
4-Chlorotoluene	49.8	5.0	ug/kg	50.0	ND	100	65-135			
Dibromochloromethane	60.0	2.0	ug/kg	50.0	ND	120	65-145			
1,2-Dibromo-3-chloropropane	52.9	5.0	ug/kg	50.0	ND	106	50-150			
1,2-Dibromoethane (EDB)	62.4	2.0	ug/kg	50.0	ND	125	65-135			
Dibromomethane	60.6	2.0	ug/kg	50.0	ND	121	65-135			
1,2-Dichlorobenzene	49.9	2.0	ug/kg	50.0	ND	100	75-130			
1,3-Dichlorobenzene	49.0	2.0	ug/kg	50.0	ND	98	70-125			
1,4-Dichlorobenzene	49.8	2.0	ug/kg	50.0	ND	100	75-130			
Dichlorodifluoromethane	41.6	5.0	ug/kg	50.0	ND	83	10-200			
1,1-Dichloroethane	51.7	2.0	ug/kg	50.0	ND	103	70-135			
1,2-Dichloroethane	58.4	2.0	ug/kg	50.0	ND	117	60-150			
1,1-Dichloroethene	50.9	5.0	ug/kg	50.0	ND	102	75-140			
cis-1,2-Dichloroethene	50.8	2.0	ug/kg	50.0	ND	102	60-135			
trans-1,2-Dichloroethene	52.1	2.0	ug/kg	50.0	ND	104	65-135			
1,2-Dichloropropane	53.5	2.0	ug/kg	50.0	ND	107	65-125			
1,3-Dichloropropane	58.8	2.0	ug/kg	50.0	ND	118	65-135			
2,2-Dichloropropane	54.1	2.0	ug/kg	50.0	ND	108	60-150			
1,1-Dichloropropene	51.1	2.0	ug/kg	50.0	ND	102	60-140			
cis-1,3-Dichloropropene	53.5	2.0	ug/kg	50.0	ND	107	65-135			
trans-1,3-Dichloropropene	57.0	2.0	ug/kg	50.0	ND	114	65-140			
Ethylbenzene	51.4	2.0	ug/kg	50.0	ND	103	70-130			
Hexachlorobutadiene	42.2	5.0	ug/kg	50.0	ND	84	65-145			
2-Hexanone	72.0	10	ug/kg	50.0	ND	144	30-160			
Isopropylbenzene	48.6	2.0	ug/kg	50.0	ND	97	60-135			
p-Isopropyltoluene	47.1	2.0	ug/kg	50.0	ND	94	60-135			
Methylene chloride	50.4	20	ug/kg	50.0	ND	101	60-145			
4-Methyl-2-pentanone (MIBK)	74.0	5.0	ug/kg	50.0	ND	148	40-155			
Methyl-tert-butyl Ether (MTBE)	69.3	5.0	ug/kg	50.0	2.7	133	50-150			
Naphthalene	57.5	5.0	ug/kg	50.0	ND	115	40-160			

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Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24012-MS1)					**Source: INA1055-18**					
n-Propylbenzene	50.2	2.0	ug/kg	50.0	ND	100	60-140			
Styrene	54.0	2.0	ug/kg	50.0	ND	108	70-145			
1,1,1,2-Tetrachloroethane	51.2	5.0	ug/kg	50.0	ND	102	65-145			
1,1,2,2-Tetrachloroethane	62.6	2.0	ug/kg	50.0	ND	125	55-150			
Tetrachloroethene	50.8	2.0	ug/kg	50.0	33	36	70-130			*M2*
Toluene	51.0	2.0	ug/kg	50.0	ND	102	70-125			
1,2,3-Trichlorobenzene	46.5	5.0	ug/kg	50.0	ND	93	60-135			
1,2,4-Trichlorobenzene	49.7	5.0	ug/kg	50.0	ND	99	65-140			
1,1,1-Trichloroethane	51.7	2.0	ug/kg	50.0	0.46	102	65-140			
1,1,2-Trichloroethane	60.6	2.0	ug/kg	50.0	ND	121	60-140			
Trichloroethene	51.9	2.0	ug/kg	50.0	ND	104	70-140			
Trichlorofluoromethane	50.7	5.0	ug/kg	50.0	ND	101	40-160			
1,2,3-Trichloropropane	64.2	10	ug/kg	50.0	ND	128	55-140			
1,2,4-Trimethylbenzene	49.2	2.0	ug/kg	50.0	ND	98	65-130			
1,3,5-Trimethylbenzene	49.1	2.0	ug/kg	50.0	ND	98	70-130			
Vinyl chloride	49.1	5.0	ug/kg	50.0	ND	98	45-130			
o-Xylene	49.3	2.0	ug/kg	50.0	ND	99	70-125			
m,p-Xylenes	100	2.0	ug/kg	100	ND	100	70-125			
Xylenes, Total	149	4.0	ug/kg	150	ND	99	70-125			
Surrogate: Dibromofluoromethane	*52.9*		*ug/kg*	*50.0*		*106*	*80-125*			
Surrogate: Toluene-d8	*58.4*		*ug/kg*	*50.0*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.8*		*ug/kg*	*50.0*		*108*	*80-120*			
Matrix Spike Dup Analyzed: 01/24/04 (4A24012-MSD1)					**Source: INA1055-18**					
Acetone	53.2	10	ug/kg	50.0	ND	106	10-155	7	35	
Benzene	49.5	2.0	ug/kg	50.0	ND	99	65-130	2	20	
Bromobenzene	53.0	5.0	ug/kg	50.0	ND	106	70-130	3	20	
Bromochloromethane	58.2	5.0	ug/kg	50.0	ND	116	60-145	3	25	
Bromodichloromethane	57.3	2.0	ug/kg	50.0	ND	115	70-145	2	20	
Bromoform	56.8	5.0	ug/kg	50.0	ND	114	60-145	3	25	
Bromomethane	51.1	5.0	ug/kg	50.0	ND	102	50-150	3	25	
2-Butanone (MEK)	68.8	10	ug/kg	50.0	ND	138	15-180	9	50	
n-Butylbenzene	48.3	5.0	ug/kg	50.0	ND	97	60-140	0	25	
sec-Butylbenzene	49.1	5.0	ug/kg	50.0	ND	98	65-135	1	20	
tert-Butylbenzene	48.6	5.0	ug/kg	50.0	ND	97	70-130	3	20	

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Attention: Sharon Wallin

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10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24012-MSD1)					**Source: INA1055-18**					
Carbon tetrachloride	53.7	5.0	ug/kg	50.0	ND	107	70-140	1	20	
Chlorobenzene	51.6	2.0	ug/kg	50.0	ND	103	80-130	1	20	
Chloroethane	49.4	5.0	ug/kg	50.0	ND	99	50-150	1	30	
Chloroform	53.9	2.0	ug/kg	50.0	ND	108	70-130	2	20	
Chloromethane	47.5	5.0	ug/kg	50.0	ND	95	30-150	2	30	
2-Chlorotoluene	50.0	5.0	ug/kg	50.0	ND	100	70-130	3	20	
4-Chlorotoluene	50.9	5.0	ug/kg	50.0	ND	102	65-135	2	20	
Dibromochloromethane	62.2	2.0	ug/kg	50.0	ND	124	65-145	4	25	
1,2-Dibromo-3-chloropropane	60.4	5.0	ug/kg	50.0	ND	121	50-150	13	30	
1,2-Dibromoethane (EDB)	63.1	2.0	ug/kg	50.0	ND	126	65-135	1	20	
Dibromomethane	62.0	2.0	ug/kg	50.0	ND	124	65-135	2	20	
1,2-Dichlorobenzene	51.5	2.0	ug/kg	50.0	ND	103	75-130	3	20	
1,3-Dichlorobenzene	49.9	2.0	ug/kg	50.0	ND	100	70-125	2	20	
1,4-Dichlorobenzene	49.8	2.0	ug/kg	50.0	ND	100	75-130	0	20	
Dichlorodifluoromethane	42.1	5.0	ug/kg	50.0	ND	84	10-200	1	35	
1,1-Dichloroethane	53.2	2.0	ug/kg	50.0	ND	106	70-135	3	20	
1,2-Dichloroethane	58.7	2.0	ug/kg	50.0	ND	117	60-150	1	25	
1,1-Dichloroethene	51.8	5.0	ug/kg	50.0	ND	104	75-140	2	20	
cis-1,2-Dichloroethene	51.9	2.0	ug/kg	50.0	ND	104	60-135	2	20	
trans-1,2-Dichloroethene	53.6	2.0	ug/kg	50.0	ND	107	65-135	3	20	
1,2-Dichloropropane	54.4	2.0	ug/kg	50.0	ND	109	65-125	2	20	
1,3-Dichloropropane	58.8	2.0	ug/kg	50.0	ND	118	65-135	0	20	
2,2-Dichloropropane	54.9	2.0	ug/kg	50.0	ND	110	60-150	1	20	
1,1-Dichloropropene	51.8	2.0	ug/kg	50.0	ND	104	60-140	1	20	
cis-1,3-Dichloropropene	55.3	2.0	ug/kg	50.0	ND	111	65-135	3	20	
trans-1,3-Dichloropropene	58.9	2.0	ug/kg	50.0	ND	118	65-140	3	20	
Ethylbenzene	50.9	2.0	ug/kg	50.0	ND	102	70-130	1	20	
Hexachlorobutadiene	43.0	5.0	ug/kg	50.0	ND	86	65-145	2	20	
2-Hexanone	76.7	10	ug/kg	50.0	ND	153	30-160	6	35	
Isopropylbenzene	50.3	2.0	ug/kg	50.0	ND	101	60-135	3	25	
p-Isopropyltoluene	47.3	2.0	ug/kg	50.0	ND	95	60-135	0	20	
Methylene chloride	51.6	20	ug/kg	50.0	ND	103	60-145	2	25	
4-Methyl-2-pentanone (MIBK)	79.4	5.0	ug/kg	50.0	ND	159	40-155	7	30	*M1*
Methyl-tert-butyl Ether (MTBE)	73.0	5.0	ug/kg	50.0	2.7	141	50-150	5	25	
Naphthalene	62.0	5.0	ug/kg	50.0	ND	124	40-160	8	25	

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Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24012-MSD1)					**Source: INA1055-18**					
n-Propylbenzene	52.0	2.0	ug/kg	50.0	ND	104	60-140	4	25	
Styrene	54.2	2.0	ug/kg	50.0	ND	108	70-145	0	20	
1,1,1,2-Tetrachloroethane	51.7	5.0	ug/kg	50.0	ND	103	65-145	1	20	
1,1,2,2-Tetrachloroethane	68.4	2.0	ug/kg	50.0	ND	137	55-150	9	25	
Tetrachloroethene	51.1	2.0	ug/kg	50.0	33	36	70-130	1	20	*M2*
Toluene	51.5	2.0	ug/kg	50.0	ND	103	70-125	1	20	
1,2,3-Trichlorobenzene	47.8	5.0	ug/kg	50.0	ND	96	60-135	3	20	
1,2,4-Trichlorobenzene	50.9	5.0	ug/kg	50.0	ND	102	65-140	2	25	
1,1,1-Trichloroethane	52.6	2.0	ug/kg	50.0	0.46	104	65-140	2	20	
1,1,2-Trichloroethane	62.0	2.0	ug/kg	50.0	ND	124	60-140	2	20	
Trichloroethene	52.3	2.0	ug/kg	50.0	ND	105	70-140	1	20	
Trichlorofluoromethane	51.3	5.0	ug/kg	50.0	ND	103	40-160	1	30	
1,2,3-Trichloropropane	69.0	10	ug/kg	50.0	ND	138	55-140	7	25	
1,2,4-Trimethylbenzene	50.4	2.0	ug/kg	50.0	ND	101	65-130	2	20	
1,3,5-Trimethylbenzene	51.1	2.0	ug/kg	50.0	ND	102	70-130	4	20	
Vinyl chloride	49.3	5.0	ug/kg	50.0	ND	99	45-130	0	30	
o-Xylene	50.0	2.0	ug/kg	50.0	ND	100	70-125	1	20	
m,p-Xylenes	101	2.0	ug/kg	100	ND	101	70-125	1	20	
Xylenes, Total	151	4.0	ug/kg	150	ND	101	70-125	1	20	
Surrogate: Dibromofluoromethane	*53.8*		*ug/kg*	*50.0*		*108*	*80-125*			
Surrogate: Toluene-d8	*56.8*		*ug/kg*	*50.0*		*114*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.4*		*ug/kg*	*50.0*		*105*	*80-120*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A21079 Extracted: 01/21/04										
Blank Analyzed: 01/23/04 (4A21079-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate: 1,4-Dioxane-d8	*1.30*		*ug/l*	*2.00*		*65*	*35-120*			
LCS Analyzed: 01/23/04 (4A21079-BS1)										
1,4-Dioxane	1.07	0.50	ug/l	2.00		54	35-120			
Surrogate: 1,4-Dioxane-d8	*1.33*		*ug/l*	*2.00*		*66*	*35-120*			
LCS Dup Analyzed: 01/23/04 (4A21079-BSD1)										**M-NR1**
1,4-Dioxane	1.08	0.50	ug/l	2.00		54	35-120	1	30	
Surrogate: 1,4-Dioxane-d8	*1.30*		*ug/l*	*2.00*		*65*	*35-120*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A22053 Extracted: 01/22/04										
Blank Analyzed: 01/22/04 (4A22053-BLK1)										
1,4-Dioxane	ND	25	ug/kg							
Surrogate: 1,4-Dioxane-d8	*72.8*		*ug/kg*	*100*		*73*	*35-120*			
LCS Analyzed: 01/22/04 (4A22053-BS1)										
1,4-Dioxane	56.1	25	ug/kg	100		56	40-140			
Surrogate: 1,4-Dioxane-d8	*72.9*		*ug/kg*	*100*		*73*	*35-120*			
Matrix Spike Analyzed: 01/22/04 (4A22053-MS1)					**Source: INA0977-05**					
1,4-Dioxane	76.4	25	ug/kg	100	24	52	40-140			
Surrogate: 1,4-Dioxane-d8	*58.2*		*ug/kg*	*100*		*58*	*35-120*			
Matrix Spike Dup Analyzed: 01/22/04 (4A22053-MSD1)					**Source: INA0977-05**					
1,4-Dioxane	74.3	25	ug/kg	100	24	50	40-140	3	30	
Surrogate: 1,4-Dioxane-d8	*56.7*		*ug/kg*	*100*		*57*	*35-120*			

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Camp, Dresser & McKee	Project ID: Omega Chemical Soil	
18581 Teller Avenue, #200	10500-	Sampled: 01/21/04
Irvine, CA 92612	Report Number: INA1059	Received: 01/21/04
Attention: Sharon Wallin		

DATA QUALIFIERS AND DEFINITIONS

B-1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
M-NR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-7	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-
Report Number: INA1059

Sampled: 01/21/04
Received: 01/21/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 8260B	Soil	X	X
EPA 8260B	Soil-extr	X	X
EPA 8260B	Water	X	X
EPA 8270C MOD	Soil	N/A	N/A
EPA 8270C	Water	X	X

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

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Patty Mata
Project Manager

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CHAIN OF CUSTODY FORM

Client Name/Address:	P.O. #: 10500-	ANALYSIS REQUIRED
CDM 18581 Teller Ave Ste 200 Irvine CA 92612	Project: Omega	
Project Manager/Phone Number: S. Walla	Phone Number: 949 752 5452	
Sampler: M Huffman	Fax Number: 949 752 1307	

JWA/054

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	8260B	1,4 dioxane 8270	Special Instructions
OC-SB-GP4-060-012104	S	clear acetate	3 clear 1 acetate	0725	None	X	X	
~~OC-SB-GP4-~~								
OC-SB-GP7-045-012104				11:00		X	X	
OC-SB-GP7-060-012104				11.45		X	X	
OC-SB-GP7-065-012104				12:05		X	X	
OC-SB-GP4-~~8~~780-012104	W	L Amber	1	0832			X	
↓	↓	VOA	3	0832	HCl	X		

Relinquished By	Date/Time:	Received By	Date/Time:
Mike Huffman	1/21/04 1535	Rudy Diaz	1-21-04 1535
Rudy Diaz	1/21/04 1645		
Relinquished By	Date/Time:	Received By	Date/Time:
			1/21/04 16:45

Turnaround Time: (check)
Same Day _____ 72 Hours _____
24 Hours _____ 5 days _____
48 hours _____ normal X
Sample Integrity: (Check)
Intact X On Ice: 2°C

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LABORATORY REPORT

Prepared For: Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project: Omega Chemical Soil
10500-37240

Sampled: 01/21/04-01/22/04
Received: 01/22/04
Issued: 01/30/04

NELAP #01108CA CA ELAP #1197

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This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 6°C, on ice and with chain of custody documentation.

HOLDING TIMES: Holding times were met. EPA 8260 analysis of encore samples INA1179-01, -02 and -03 was performed within 48 hours of sampling. Del Mar Analytical's standard procedure is to freeze encore soils upon receipt to -12°C to extend the hold time to 7 days. Samples must be received within 24 hours of sampling in order for freezing to extend hold time. Since samples INA1179-01, -02 and -03 were not received within 24 hours of sampling, the 48 hour hold time was observed for EPA 8260 encore analysis.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

Tetrachloroethene was detected above the reporting limit in the EPA 8260 method blank for QC batch 4A24012. The associated sample INA1179-04 had a detection of this compound at a level greater than ten times the method blank level and was not impacted by the contamination.

COMMENTS: Multiple dilutions were reported for EPA 8260 VOCs as requested.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
INA1179-01	OC-SB-GP8-50-012104	Soil
INA1179-02	OC-SB-GP8-60-012104	Soil
INA1179-03	OC-SB-GP8-66-012104	Soil
INA1179-04	OC-SB-GP6-25-012204	Soil

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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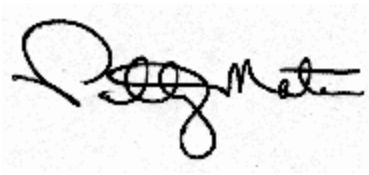
Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

LABORATORY ID	CLIENT ID	MATRIX
INA1179-05	OC-SB-GP6-50-012204	Soil
INA1179-06	OC-SB-GP6-70-012204	Soil
INA1179-07	OC-SB-GP6-785-012204	Water



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Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-07 (OC-SB-GP6-785-012204 - Water)				**Sampled: 01/22/04**				
Reporting Units: ug/l								
Acetone	EPA 8260B	4A25006	10	ND	1	1/25/2004	1/25/2004	
Benzene	EPA 8260B	4A25006	0.50	ND	1	1/25/2004	1/25/2004	
Bromobenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Bromochloromethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Bromodichloromethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Bromoform	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Bromomethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
n-Butylbenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
sec-Butylbenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
tert-Butylbenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Carbon tetrachloride	EPA 8260B	4A25006	0.50	ND	1	1/25/2004	1/25/2004	
Chlorobenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Chloroethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Chloroform	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Chloromethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
2-Chlorotoluene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
4-Chlorotoluene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Dibromochloromethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A25006	5.0	ND	1	1/25/2004	1/25/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Dibromomethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,2-Dichlorobenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,3-Dichlorobenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,4-Dichlorobenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Dichlorodifluoromethane	EPA 8260B	4A25006	5.0	ND	1	1/25/2004	1/25/2004	
1,1-Dichloroethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,2-Dichloroethane	EPA 8260B	4A25006	0.50	ND	1	1/25/2004	1/25/2004	
1,1-Dichloroethene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,2-Dichloropropane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,3-Dichloropropane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
2,2-Dichloropropane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,1-Dichloropropene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A25006	0.50	ND	1	1/25/2004	1/25/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A25006	0.50	ND	1	1/25/2004	1/25/2004	
Ethylbenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Hexachlorobutadiene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Isopropylbenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
p-Isopropyltoluene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	

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Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-07 (OC-SB-GP6-785-012204 - Water) - cont.				**Sampled: 01/22/04**				
Reporting Units: ug/l								
Methylene chloride	EPA 8260B	4A25006	5.0	ND	1	1/25/2004	1/25/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Naphthalene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
n-Propylbenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Styrene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Tetrachloroethene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Toluene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,1,1-Trichloroethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,1,2-Trichloroethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Trichloroethene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Trichlorofluoromethane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A25006	5.0	ND	1	1/25/2004	1/25/2004	
1,2,3-Trichloropropane	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Vinyl chloride	EPA 8260B	4A25006	0.50	ND	1	1/25/2004	1/25/2004	
o-Xylene	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
m,p-Xylenes	EPA 8260B	4A25006	1.0	ND	1	1/25/2004	1/25/2004	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*106 %*				

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Patty Mata
Project Manager

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-01 (OC-SB-GP8-50-012104 - Soil)				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A24019	8.9	ND	0.89	1/23/2004	1/23/2004	
Benzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Bromobenzene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
Bromochloromethane	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
Bromodichloromethane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Bromoform	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
Bromomethane	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
2-Butanone (MEK)	EPA 8260B	4A24019	8.9	ND	0.89	1/23/2004	1/23/2004	
n-Butylbenzene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
sec-Butylbenzene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
tert-Butylbenzene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
Carbon tetrachloride	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
Chlorobenzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Chloroethane	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
Chloroform	EPA 8260B	4A24019	1.8	**30**	0.89	1/23/2004	1/23/2004	
Chloromethane	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
2-Chlorotoluene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
4-Chlorotoluene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
Dibromochloromethane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Dibromomethane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,2-Dichlorobenzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,3-Dichlorobenzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,4-Dichlorobenzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Dichlorodifluoromethane	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
1,1-Dichloroethane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,2-Dichloroethane	EPA 8260B	4A24019	1.8	**1.9**	0.89	1/23/2004	1/23/2004	
1,1-Dichloroethene	EPA 8260B	4A24019	4.4	**14**	0.89	1/23/2004	1/23/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,2-Dichloropropane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,3-Dichloropropane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
2,2-Dichloropropane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,1-Dichloropropene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Ethylbenzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Hexachlorobutadiene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
2-Hexanone	EPA 8260B	4A24019	8.9	ND	0.89	1/23/2004	1/23/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-01 (OC-SB-GP8-50-012104 - Soil) - cont.				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
p-Isopropyltoluene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Methylene chloride	EPA 8260B	4A24019	18	**19**	0.89	1/23/2004	1/23/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
Naphthalene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
n-Propylbenzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Styrene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Toluene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
1,1,1-Trichloroethane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,1,2-Trichloroethane	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Trichloroethene	EPA 8260B	4A24019	1.8	**29**	0.89	1/23/2004	1/23/2004	
Trichlorofluoromethane	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
1,2,3-Trichloropropane	EPA 8260B	4A24019	8.9	ND	0.89	1/23/2004	1/23/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Vinyl chloride	EPA 8260B	4A24019	4.4	ND	0.89	1/23/2004	1/23/2004	
o-Xylene	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
m,p-Xylenes	EPA 8260B	4A24019	1.8	ND	0.89	1/23/2004	1/23/2004	
Xylenes, Total	EPA 8260B	4A24019	3.6	ND	0.89	1/23/2004	1/23/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A24019	8.9	ND	0.89	1/23/2004	1/23/2004	
Surrogate: Dibromofluoromethane (80-125%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*107 %*				
Sample ID: INA1179-01RE1 (OC-SB-GP8-50-012104 - Soil)				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A23026	100	**7000**	91.9	1/23/2004	1/24/2004	
Surrogate: Dibromofluoromethane (50-160%)				*105 %*				
Surrogate: Toluene-d8 (60-160%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*107 %*				

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Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-02 (OC-SB-GP8-60-012104 - Soil)				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A24019	8.2	ND	0.821	1/23/2004	1/23/2004	
Benzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Bromobenzene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
Bromochloromethane	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
Bromodichloromethane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Bromoform	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
Bromomethane	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
2-Butanone (MEK)	EPA 8260B	4A24019	8.2	ND	0.821	1/23/2004	1/23/2004	
n-Butylbenzene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
sec-Butylbenzene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
tert-Butylbenzene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
Carbon tetrachloride	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
Chlorobenzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Chloroethane	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
Chloroform	EPA 8260B	4A24019	1.6	**13**	0.821	1/23/2004	1/23/2004	
Chloromethane	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
2-Chlorotoluene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
4-Chlorotoluene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
Dibromochloromethane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Dibromomethane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,2-Dichlorobenzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,3-Dichlorobenzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,4-Dichlorobenzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Dichlorodifluoromethane	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
1,1-Dichloroethane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,2-Dichloroethane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,1-Dichloroethene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,2-Dichloropropane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,3-Dichloropropane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
2,2-Dichloropropane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,1-Dichloropropene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Ethylbenzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Hexachlorobutadiene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
2-Hexanone	EPA 8260B	4A24019	8.2	ND	0.821	1/23/2004	1/23/2004	

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-02 (OC-SB-GP8-60-012104 - Soil) - cont.				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
p-Isopropyltoluene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Methylene chloride	EPA 8260B	4A24019	16	ND	0.821	1/23/2004	1/23/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
Naphthalene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
n-Propylbenzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Styrene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Tetrachloroethene	EPA 8260B	4A24019	1.6	**51**	0.821	1/23/2004	1/23/2004	
Toluene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
1,1,1-Trichloroethane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,1,2-Trichloroethane	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Trichloroethene	EPA 8260B	4A24019	1.6	**4.4**	0.821	1/23/2004	1/23/2004	
Trichlorofluoromethane	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
1,2,3-Trichloropropane	EPA 8260B	4A24019	8.2	ND	0.821	1/23/2004	1/23/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Vinyl chloride	EPA 8260B	4A24019	4.1	ND	0.821	1/23/2004	1/23/2004	
o-Xylene	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
m,p-Xylenes	EPA 8260B	4A24019	1.6	ND	0.821	1/23/2004	1/23/2004	
Xylenes, Total	EPA 8260B	4A24019	3.3	ND	0.821	1/23/2004	1/23/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A24019	8.2	ND	0.821	1/23/2004	1/23/2004	
Surrogate: Dibromofluoromethane (80-125%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				

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Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-03 (OC-SB-GP8-66-012104 - Soil)				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A24019	10	ND	1.03	1/23/2004	1/23/2004	
Benzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Bromobenzene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
Bromochloromethane	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
Bromodichloromethane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Bromoform	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
Bromomethane	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
2-Butanone (MEK)	EPA 8260B	4A24019	10	ND	1.03	1/23/2004	1/23/2004	
n-Butylbenzene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
sec-Butylbenzene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
tert-Butylbenzene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
Carbon tetrachloride	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
Chlorobenzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Chloroethane	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
Chloroform	EPA 8260B	4A24019	2.0	**2.9**	1.03	1/23/2004	1/23/2004	
Chloromethane	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
2-Chlorotoluene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
4-Chlorotoluene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
Dibromochloromethane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Dibromomethane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,2-Dichlorobenzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,3-Dichlorobenzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,4-Dichlorobenzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Dichlorodifluoromethane	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
1,1-Dichloroethane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,2-Dichloroethane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,1-Dichloroethene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,2-Dichloropropane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,3-Dichloropropane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
2,2-Dichloropropane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,1-Dichloropropene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Ethylbenzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Hexachlorobutadiene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
2-Hexanone	EPA 8260B	4A24019	10	ND	1.03	1/23/2004	1/23/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-03 (OC-SB-GP8-66-012104 - Soil) - cont.				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
p-Isopropyltoluene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Methylene chloride	EPA 8260B	4A24019	20	ND	1.03	1/23/2004	1/23/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
Naphthalene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
n-Propylbenzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Styrene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Tetrachloroethene	EPA 8260B	4A24019	2.0	**56**	1.03	1/23/2004	1/23/2004	
Toluene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
1,1,1-Trichloroethane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,1,2-Trichloroethane	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Trichloroethene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Trichlorofluoromethane	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
1,2,3-Trichloropropane	EPA 8260B	4A24019	10	ND	1.03	1/23/2004	1/23/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Vinyl chloride	EPA 8260B	4A24019	5.0	ND	1.03	1/23/2004	1/23/2004	
o-Xylene	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
m,p-Xylenes	EPA 8260B	4A24019	2.0	ND	1.03	1/23/2004	1/23/2004	
Xylenes, Total	EPA 8260B	4A24019	4.0	ND	1.03	1/23/2004	1/23/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A24019	10	ND	1.03	1/23/2004	1/23/2004	
Surrogate: Dibromofluoromethane (80-125%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-04 (OC-SB-GP6-25-012204 - Soil)				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A24012	8.1	ND	0.809	1/24/2004	1/24/2004	
Benzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Bromobenzene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
Bromochloromethane	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
Bromodichloromethane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Bromoform	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
Bromomethane	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
2-Butanone (MEK)	EPA 8260B	4A24012	8.1	ND	0.809	1/24/2004	1/24/2004	
n-Butylbenzene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
sec-Butylbenzene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
tert-Butylbenzene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
Carbon tetrachloride	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
Chlorobenzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Chloroethane	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
Chloroform	EPA 8260B	4A24012	1.6	**1.9**	0.809	1/24/2004	1/24/2004	
Chloromethane	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
2-Chlorotoluene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
4-Chlorotoluene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
Dibromochloromethane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Dibromomethane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,2-Dichlorobenzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,3-Dichlorobenzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,4-Dichlorobenzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Dichlorodifluoromethane	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
1,1-Dichloroethane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,2-Dichloroethane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,1-Dichloroethene	EPA 8260B	4A24012	4.0	**10**	0.809	1/24/2004	1/24/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A24012	1.6	**1.8**	0.809	1/24/2004	1/24/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,2-Dichloropropane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,3-Dichloropropane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
2,2-Dichloropropane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,1-Dichloropropene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Ethylbenzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Hexachlorobutadiene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
2-Hexanone	EPA 8260B	4A24012	8.1	ND	0.809	1/24/2004	1/24/2004	

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Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-04 (OC-SB-GP6-25-012204 - Soil) - cont.				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
p-Isopropyltoluene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Methylene chloride	EPA 8260B	4A24012	16	ND	0.809	1/24/2004	1/24/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
Naphthalene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
n-Propylbenzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Styrene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Tetrachloroethene	EPA 8260B	4A24012	1.6	**130**	0.809	1/24/2004	1/24/2004	B-1
Toluene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
1,1,1-Trichloroethane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,1,2-Trichloroethane	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Trichloroethene	EPA 8260B	4A24012	1.6	**3.2**	0.809	1/24/2004	1/24/2004	
Trichlorofluoromethane	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
1,2,3-Trichloropropane	EPA 8260B	4A24012	8.1	ND	0.809	1/24/2004	1/24/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Vinyl chloride	EPA 8260B	4A24012	4.0	ND	0.809	1/24/2004	1/24/2004	
o-Xylene	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
m,p-Xylenes	EPA 8260B	4A24012	1.6	ND	0.809	1/24/2004	1/24/2004	
Xylenes, Total	EPA 8260B	4A24012	3.2	ND	0.809	1/24/2004	1/24/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A24012	8.1	ND	0.809	1/24/2004	1/24/2004	
Surrogate: Dibromofluoromethane (80-125%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*114 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

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Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-05 (OC-SB-GP6-50-012204 - Soil)				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A24010	84	**8500**	83.9	1/24/2004	1/25/2004	
Surrogate: Dibromofluoromethane (50-160%)				*117 %*				
Surrogate: Toluene-d8 (60-160%)				*132 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*120 %*				
Sample ID: INA1179-05RE1 (OC-SB-GP6-50-012204 - Soil)				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A23028	8.5	ND	0.846	1/23/2004	1/24/2004	
Benzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Bromobenzene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
Bromochloromethane	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
Bromodichloromethane	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Bromoform	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
Bromomethane	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
2-Butanone (MEK)	EPA 8260B	4A23028	8.5	ND	0.846	1/23/2004	1/24/2004	
n-Butylbenzene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
sec-Butylbenzene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
tert-Butylbenzene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
Carbon tetrachloride	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
Chlorobenzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Chloroethane	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
Chloroform	EPA 8260B	4A23028	1.7	**15**	0.846	1/23/2004	1/24/2004	
Chloromethane	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
2-Chlorotoluene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
4-Chlorotoluene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
Dibromochloromethane	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Dibromomethane	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
1,2-Dichlorobenzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
1,3-Dichlorobenzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
1,4-Dichlorobenzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Dichlorodifluoromethane	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
1,1-Dichloroethane	EPA 8260B	4A23028	1.7	**5.1**	0.846	1/23/2004	1/24/2004	
1,2-Dichloroethane	EPA 8260B	4A23028	1.7	**3.9**	0.846	1/23/2004	1/24/2004	
1,1-Dichloroethene	EPA 8260B	4A23028	4.2	**39**	0.846	1/23/2004	1/24/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A23028	1.7	**2.0**	0.846	1/23/2004	1/24/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
1,2-Dichloropropane	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
1,3-Dichloropropane	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
2,2-Dichloropropane	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-05RE1 (OC-SB-GP6-50-012204 - Soil) - cont.				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
1,1-Dichloropropene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Ethylbenzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Hexachlorobutadiene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
2-Hexanone	EPA 8260B	4A23028	8.5	ND	0.846	1/23/2004	1/24/2004	
Isopropylbenzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
p-Isopropyltoluene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Methylene chloride	EPA 8260B	4A23028	17	ND	0.846	1/23/2004	1/24/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
Naphthalene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
n-Propylbenzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Styrene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Toluene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
1,1,1-Trichloroethane	EPA 8260B	4A23028	1.7	**35**	0.846	1/23/2004	1/24/2004	
1,1,2-Trichloroethane	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Trichloroethene	EPA 8260B	4A23028	1.7	**34**	0.846	1/23/2004	1/24/2004	
Trichlorofluoromethane	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
1,2,3-Trichloropropane	EPA 8260B	4A23028	8.5	ND	0.846	1/23/2004	1/24/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Vinyl chloride	EPA 8260B	4A23028	4.2	ND	0.846	1/23/2004	1/24/2004	
o-Xylene	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
m,p-Xylenes	EPA 8260B	4A23028	1.7	ND	0.846	1/23/2004	1/24/2004	
Xylenes, Total	EPA 8260B	4A23028	3.4	ND	0.846	1/23/2004	1/24/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A23028	8.5	ND	0.846	1/23/2004	1/24/2004	
Surrogate: Dibromofluoromethane (80-125%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*116 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

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Camp, Dresser & McKee
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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-06 (OC-SB-GP6-70-012204 - Soil)				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
Tetrachloroethene	EPA 8260B	4A24010	77	**11000**	77.3	1/24/2004	1/25/2004	
Surrogate: Dibromofluoromethane (50-160%)				*134 %*				
Surrogate: Toluene-d8 (60-160%)				*159 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*142 %*				
Sample ID: INA1179-06RE1 (OC-SB-GP6-70-012204 - Soil)				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
Acetone	EPA 8260B	4A23028	7.9	ND	0.786	1/23/2004	1/24/2004	
Benzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Bromobenzene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
Bromochloromethane	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
Bromodichloromethane	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Bromoform	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
Bromomethane	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
2-Butanone (MEK)	EPA 8260B	4A23028	7.9	ND	0.786	1/23/2004	1/24/2004	
n-Butylbenzene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
sec-Butylbenzene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
tert-Butylbenzene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
Carbon tetrachloride	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
Chlorobenzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Chloroethane	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
Chloroform	EPA 8260B	4A23028	1.6	**6.6**	0.786	1/23/2004	1/24/2004	
Chloromethane	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
2-Chlorotoluene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
4-Chlorotoluene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
Dibromochloromethane	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Dibromomethane	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
1,2-Dichlorobenzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
1,3-Dichlorobenzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
1,4-Dichlorobenzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Dichlorodifluoromethane	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
1,1-Dichloroethane	EPA 8260B	4A23028	1.6	**1.7**	0.786	1/23/2004	1/24/2004	
1,2-Dichloroethane	EPA 8260B	4A23028	1.6	**2.7**	0.786	1/23/2004	1/24/2004	
1,1-Dichloroethene	EPA 8260B	4A23028	3.9	**39**	0.786	1/23/2004	1/24/2004	
cis-1,2-Dichloroethene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
trans-1,2-Dichloroethene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
1,2-Dichloropropane	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
1,3-Dichloropropane	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
2,2-Dichloropropane	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	

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Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-06RE1 (OC-SB-GP6-70-012204 - Soil) - cont.				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
1,1-Dichloropropene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
cis-1,3-Dichloropropene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
trans-1,3-Dichloropropene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Ethylbenzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Hexachlorobutadiene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
2-Hexanone	EPA 8260B	4A23028	7.9	ND	0.786	1/23/2004	1/24/2004	
Isopropylbenzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
p-Isopropyltoluene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Methylene chloride	EPA 8260B	4A23028	16	ND	0.786	1/23/2004	1/24/2004	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
Naphthalene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
n-Propylbenzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Styrene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Toluene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
1,1,1-Trichloroethane	EPA 8260B	4A23028	1.6	**91**	0.786	1/23/2004	1/24/2004	
1,1,2-Trichloroethane	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Trichloroethene	EPA 8260B	4A23028	1.6	**42**	0.786	1/23/2004	1/24/2004	
Trichlorofluoromethane	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
1,2,3-Trichloropropane	EPA 8260B	4A23028	7.9	ND	0.786	1/23/2004	1/24/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Vinyl chloride	EPA 8260B	4A23028	3.9	ND	0.786	1/23/2004	1/24/2004	
o-Xylene	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
m,p-Xylenes	EPA 8260B	4A23028	1.6	ND	0.786	1/23/2004	1/24/2004	
Xylenes, Total	EPA 8260B	4A23028	3.1	ND	0.786	1/23/2004	1/24/2004	
Trichlorotrifluoroethane (Freon 113)	EPA 8260B	4A23028	7.9	ND	0.786	1/23/2004	1/24/2004	
Surrogate: Dibromofluoromethane (80-125%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*116 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-07 (OC-SB-GP6-785-012204 - Water)				**Sampled: 01/22/04**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	4A26040	0.50	ND	0.962	1/26/2004	1/27/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*53 %*				

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Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INA1179-01 (OC-SB-GP8-50-012104 - Soil)				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A23037	25	ND	1	1/23/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*55 %*				
Sample ID: INA1179-02 (OC-SB-GP8-60-012104 - Soil)				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A23037	25	ND	1	1/23/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*66 %*				
Sample ID: INA1179-03 (OC-SB-GP8-66-012104 - Soil)				**Sampled: 01/21/04**				
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A23037	25	ND	1	1/23/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*56 %*				
Sample ID: INA1179-04 (OC-SB-GP6-25-012204 - Soil)				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A23037	25	ND	1	1/23/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*55 %*				
Sample ID: INA1179-05 (OC-SB-GP6-50-012204 - Soil)				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A23037	25	ND	1	1/23/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*52 %*				
Sample ID: INA1179-06 (OC-SB-GP6-70-012204 - Soil)				**Sampled: 01/22/04**				
Reporting Units: ug/kg								
1,4-Dioxane	EPA 8270C MOD	4A23037	25	ND	1	1/23/2004	1/23/2004	
Surrogate: 1,4-Dioxane-d8 (35-120%)				*60 %*				

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10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A25006 Extracted: 01/25/04										
Blank Analyzed: 01/25/04 (4A25006-BLK1)										
Acetone	ND	10	ug/l							
Benzene	ND	0.50	ug/l							
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	ug/l							
Bromodichloromethane	ND	1.0	ug/l							
Bromoform	ND	1.0	ug/l							
Bromomethane	ND	1.0	ug/l							
n-Butylbenzene	ND	1.0	ug/l							
sec-Butylbenzene	ND	1.0	ug/l							
tert-Butylbenzene	ND	1.0	ug/l							
Carbon tetrachloride	ND	0.50	ug/l							
Chlorobenzene	ND	1.0	ug/l							
Chloroethane	ND	1.0	ug/l							
Chloroform	ND	1.0	ug/l							
Chloromethane	ND	1.0	ug/l							
2-Chlorotoluene	ND	1.0	ug/l							
4-Chlorotoluene	ND	1.0	ug/l							
Dibromochloromethane	ND	1.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	ug/l							
Dibromomethane	ND	1.0	ug/l							
1,2-Dichlorobenzene	ND	1.0	ug/l							
1,3-Dichlorobenzene	ND	1.0	ug/l							
1,4-Dichlorobenzene	ND	1.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	1.0	ug/l							
1,2-Dichloroethane	ND	0.50	ug/l							
1,1-Dichloroethene	ND	1.0	ug/l							
cis-1,2-Dichloroethene	ND	1.0	ug/l							
trans-1,2-Dichloroethene	ND	1.0	ug/l							
1,2-Dichloropropane	ND	1.0	ug/l							
1,3-Dichloropropane	ND	1.0	ug/l							
2,2-Dichloropropane	ND	1.0	ug/l							
1,1-Dichloropropene	ND	1.0	ug/l							
cis-1,3-Dichloropropene	ND	0.50	ug/l							

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A25006 Extracted: 01/25/04										
Blank Analyzed: 01/25/04 (4A25006-BLK1)										
trans-1,3-Dichloropropene	ND	0.50	ug/l							
Ethylbenzene	ND	1.0	ug/l							
Hexachlorobutadiene	ND	1.0	ug/l							
Isopropylbenzene	ND	1.0	ug/l							
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
Naphthalene	ND	1.0	ug/l							
n-Propylbenzene	ND	1.0	ug/l							
Styrene	ND	1.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l							
Tetrachloroethene	ND	1.0	ug/l							
Toluene	ND	1.0	ug/l							
1,2,3-Trichlorobenzene	ND	1.0	ug/l							
1,2,4-Trichlorobenzene	ND	1.0	ug/l							
1,1,1-Trichloroethane	ND	1.0	ug/l							
1,1,2-Trichloroethane	ND	1.0	ug/l							
Trichloroethene	ND	1.0	ug/l							
Trichlorofluoromethane	ND	1.0	ug/l							
Trichlorotrifluoroethane (Freon 113)	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	1.0	ug/l							
1,2,4-Trimethylbenzene	ND	1.0	ug/l							
1,3,5-Trimethylbenzene	ND	1.0	ug/l							
Vinyl chloride	ND	0.50	ug/l							
o-Xylene	ND	1.0	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Surrogate: Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			

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Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A25006 Extracted: 01/25/04										
LCS Analyzed: 01/25/04 (4A25006-BS1)										
Acetone	25.3	10	ug/l	25.0		101	25-120			
Benzene	23.6	0.50	ug/l	25.0		94	70-120			
Bromobenzene	26.5	1.0	ug/l	25.0		106	80-120			
Bromochloromethane	26.5	1.0	ug/l	25.0		106	65-135			
Bromodichloromethane	28.3	1.0	ug/l	25.0		113	70-140			
Bromoform	31.3	1.0	ug/l	25.0		125	50-135			
Bromomethane	23.9	1.0	ug/l	25.0		96	60-140			
n-Butylbenzene	26.6	1.0	ug/l	25.0		106	75-130			
sec-Butylbenzene	26.5	1.0	ug/l	25.0		106	75-125			
tert-Butylbenzene	28.2	1.0	ug/l	25.0		113	75-125			
Carbon tetrachloride	28.6	0.50	ug/l	25.0		114	70-140			
Chlorobenzene	25.0	1.0	ug/l	25.0		100	80-125			
Chloroethane	23.2	1.0	ug/l	25.0		93	60-145			
Chloroform	25.4	1.0	ug/l	25.0		102	70-130			
Chloromethane	18.5	1.0	ug/l	25.0		74	40-145			
2-Chlorotoluene	26.0	1.0	ug/l	25.0		104	75-125			
4-Chlorotoluene	26.7	1.0	ug/l	25.0		107	75-125			
Dibromochloromethane	29.6	1.0	ug/l	25.0		118	65-145			
1,2-Dibromo-3-chloropropane	31.4	5.0	ug/l	25.0		126	50-130			
1,2-Dibromoethane (EDB)	28.6	1.0	ug/l	25.0		114	70-125			
Dibromomethane	28.2	1.0	ug/l	25.0		113	70-130			
1,2-Dichlorobenzene	27.9	1.0	ug/l	25.0		112	75-120			
1,3-Dichlorobenzene	25.4	1.0	ug/l	25.0		102	75-120			
1,4-Dichlorobenzene	25.4	1.0	ug/l	25.0		102	80-120			
Dichlorodifluoromethane	16.1	5.0	ug/l	25.0		64	10-160			
1,1-Dichloroethane	24.1	1.0	ug/l	25.0		96	70-135			
1,2-Dichloroethane	29.3	0.50	ug/l	25.0		117	60-150			
1,1-Dichloroethene	25.2	1.0	ug/l	25.0		101	75-140			
cis-1,2-Dichloroethene	24.5	1.0	ug/l	25.0		98	65-125			
trans-1,2-Dichloroethene	24.5	1.0	ug/l	25.0		98	65-130			
1,2-Dichloropropane	24.0	1.0	ug/l	25.0		96	65-120			
1,3-Dichloropropane	25.5	1.0	ug/l	25.0		102	70-130			
2,2-Dichloropropane	25.6	1.0	ug/l	25.0		102	70-150			
1,1-Dichloropropene	25.7	1.0	ug/l	25.0		103	75-130			
cis-1,3-Dichloropropene	28.2	0.50	ug/l	25.0		113	70-130			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A25006 Extracted: 01/25/04										
LCS Analyzed: 01/25/04 (4A25006-BS1)										
trans-1,3-Dichloropropene	30.7	0.50	ug/l	25.0		123	75-135			
Ethylbenzene	26.5	1.0	ug/l	25.0		106	80-120			
Hexachlorobutadiene	25.9	1.0	ug/l	25.0		104	65-140			
Isopropylbenzene	27.2	1.0	ug/l	25.0		109	70-125			
p-Isopropyltoluene	25.3	1.0	ug/l	25.0		101	75-125			
Methylene chloride	24.4	5.0	ug/l	25.0		98	60-135			
Methyl-tert-butyl Ether (MTBE)	32.8	1.0	ug/l	25.0		131	55-145			
Naphthalene	31.5	1.0	ug/l	25.0		126	50-145			
n-Propylbenzene	27.1	1.0	ug/l	25.0		108	75-130			
Styrene	29.4	1.0	ug/l	25.0		118	80-135			
1,1,1,2-Tetrachloroethane	26.8	1.0	ug/l	25.0		107	70-145			
1,1,2,2-Tetrachloroethane	27.0	1.0	ug/l	25.0		108	60-135			
Tetrachloroethene	26.0	1.0	ug/l	25.0		104	75-125			
Toluene	24.7	1.0	ug/l	25.0		99	70-120			
1,2,3-Trichlorobenzene	28.8	1.0	ug/l	25.0		115	65-135			
1,2,4-Trichlorobenzene	29.1	1.0	ug/l	25.0		116	70-140			
1,1,1-Trichloroethane	27.1	1.0	ug/l	25.0		108	75-140			
1,1,2-Trichloroethane	27.0	1.0	ug/l	25.0		108	65-125			
Trichloroethene	25.4	1.0	ug/l	25.0		102	75-120			
Trichlorofluoromethane	25.3	1.0	ug/l	25.0		101	60-145			
1,2,3-Trichloropropane	27.8	1.0	ug/l	25.0		111	60-130			
1,2,4-Trimethylbenzene	26.8	1.0	ug/l	25.0		107	75-125			
1,3,5-Trimethylbenzene	27.0	1.0	ug/l	25.0		108	75-125			
Vinyl chloride	21.2	0.50	ug/l	25.0		85	50-125			
o-Xylene	26.0	1.0	ug/l	25.0		104	75-125			
m,p-Xylenes	51.4	1.0	ug/l	50.0		103	70-120			
Surrogate: Dibromofluoromethane	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A25006 Extracted: 01/25/04										
Matrix Spike Analyzed: 01/25/04 (4A25006-MS1)					**Source: INA1207-02**					
Acetone	28.8	10	ug/l	25.0	5.6	93	10-150			
Benzene	26.6	0.50	ug/l	25.0	ND	106	70-120			
Bromobenzene	29.5	1.0	ug/l	25.0	ND	118	60-135			
Bromochloromethane	29.2	1.0	ug/l	25.0	ND	117	60-140			
Bromodichloromethane	32.1	1.0	ug/l	25.0	ND	128	70-140			
Bromoform	34.2	1.0	ug/l	25.0	ND	137	50-135			*M1*
Bromomethane	27.4	1.0	ug/l	25.0	ND	110	50-140			
n-Butylbenzene	30.1	1.0	ug/l	25.0	ND	120	70-135			
sec-Butylbenzene	30.2	1.0	ug/l	25.0	ND	121	70-130			
tert-Butylbenzene	31.8	1.0	ug/l	25.0	ND	127	70-130			
Carbon tetrachloride	32.7	0.50	ug/l	25.0	ND	131	70-140			
Chlorobenzene	28.8	1.0	ug/l	25.0	ND	115	80-125			
Chloroethane	27.0	1.0	ug/l	25.0	ND	108	50-145			
Chloroform	29.3	1.0	ug/l	25.0	ND	117	70-130			
Chloromethane	21.5	1.0	ug/l	25.0	ND	86	30-145			
2-Chlorotoluene	29.2	1.0	ug/l	25.0	ND	117	65-145			
4-Chlorotoluene	29.9	1.0	ug/l	25.0	ND	120	70-145			
Dibromochloromethane	33.1	1.0	ug/l	25.0	ND	132	65-145			
1,2-Dibromo-3-chloropropane	34.5	5.0	ug/l	25.0	ND	138	50-150			
1,2-Dibromoethane (EDB)	31.5	1.0	ug/l	25.0	ND	126	70-125			*M1*
Dibromomethane	31.3	1.0	ug/l	25.0	ND	125	65-135			
1,2-Dichlorobenzene	30.9	1.0	ug/l	25.0	ND	124	70-130			
1,3-Dichlorobenzene	28.6	1.0	ug/l	25.0	ND	114	70-130			
1,4-Dichlorobenzene	28.4	1.0	ug/l	25.0	ND	114	75-120			
Dichlorodifluoromethane	18.8	5.0	ug/l	25.0	ND	75	10-160			
1,1-Dichloroethane	27.5	1.0	ug/l	25.0	ND	110	65-135			
1,2-Dichloroethane	32.8	0.50	ug/l	25.0	ND	131	60-150			
1,1-Dichloroethene	28.9	1.0	ug/l	25.0	ND	116	65-145			
cis-1,2-Dichloroethene	28.0	1.0	ug/l	25.0	ND	112	60-130			
trans-1,2-Dichloroethene	27.8	1.0	ug/l	25.0	ND	111	60-135			
1,2-Dichloropropane	27.3	1.0	ug/l	25.0	ND	109	60-130			
1,3-Dichloropropane	28.6	1.0	ug/l	25.0	ND	114	65-140			
2,2-Dichloropropane	31.4	1.0	ug/l	25.0	ND	126	60-150			
1,1-Dichloropropene	29.1	1.0	ug/l	25.0	ND	116	60-145			
cis-1,3-Dichloropropene	31.0	0.50	ug/l	25.0	ND	124	70-140			

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Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A25006 Extracted: 01/25/04										
Matrix Spike Analyzed: 01/25/04 (4A25006-MS1)					**Source: INA1207-02**					
trans-1,3-Dichloropropene	34.2	0.50	ug/l	25.0	ND	137	70-140			
Ethylbenzene	30.2	1.0	ug/l	25.0	ND	121	70-125			
Hexachlorobutadiene	29.6	1.0	ug/l	25.0	ND	118	65-140			
Isopropylbenzene	30.3	1.0	ug/l	25.0	ND	121	65-130			
p-Isopropyltoluene	28.6	1.0	ug/l	25.0	ND	114	70-130			
Methylene chloride	27.8	5.0	ug/l	25.0	ND	111	60-135			
Methyl-tert-butyl Ether (MTBE)	35.9	1.0	ug/l	25.0	ND	144	50-150			
Naphthalene	33.9	1.0	ug/l	25.0	ND	136	50-145			
n-Propylbenzene	30.6	1.0	ug/l	25.0	ND	122	70-135			
Styrene	28.5	1.0	ug/l	25.0	ND	114	60-145			
1,1,1,2-Tetrachloroethane	30.7	1.0	ug/l	25.0	ND	123	65-145			
1,1,2,2-Tetrachloroethane	30.1	1.0	ug/l	25.0	ND	120	60-140			
Tetrachloroethene	29.7	1.0	ug/l	25.0	ND	119	70-130			
Toluene	28.0	1.0	ug/l	25.0	ND	112	65-120			
1,2,3-Trichlorobenzene	32.4	1.0	ug/l	25.0	ND	130	60-135			
1,2,4-Trichlorobenzene	32.8	1.0	ug/l	25.0	ND	131	55-140			
1,1,1-Trichloroethane	31.2	1.0	ug/l	25.0	ND	125	75-140			
1,1,2-Trichloroethane	30.0	1.0	ug/l	25.0	ND	120	60-135			
Trichloroethene	28.4	1.0	ug/l	25.0	ND	114	70-125			
Trichlorofluoromethane	29.6	1.0	ug/l	25.0	ND	118	50-150			
1,2,3-Trichloropropane	29.4	1.0	ug/l	25.0	ND	118	60-140			
1,2,4-Trimethylbenzene	27.7	1.0	ug/l	25.0	ND	111	60-125			
1,3,5-Trimethylbenzene	28.4	1.0	ug/l	25.0	ND	114	70-130			
Vinyl chloride	25.0	0.50	ug/l	25.0	ND	100	40-130			
o-Xylene	29.8	1.0	ug/l	25.0	ND	119	65-125			
m,p-Xylenes	58.2	1.0	ug/l	50.0	ND	116	60-125			
Surrogate: Dibromofluoromethane	*28.2*		*ug/l*	*25.0*		*113*	*80-120*			
Surrogate: Toluene-d8	*26.9*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.9*		*ug/l*	*25.0*		*112*	*80-120*			

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Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A25006 Extracted: 01/25/04										
Matrix Spike Dup Analyzed: 01/25/04 (4A25006-MSD1)					**Source: INA1207-02**					
Acetone	24.7	10	ug/l	25.0	5.6	76	10-150	15	35	
Benzene	27.4	0.50	ug/l	25.0	ND	110	70-120	3	20	
Bromobenzene	30.4	1.0	ug/l	25.0	ND	122	60-135	3	25	
Bromochloromethane	29.3	1.0	ug/l	25.0	ND	117	60-140	0	25	
Bromodichloromethane	31.6	1.0	ug/l	25.0	ND	126	70-140	2	20	
Bromoform	31.0	1.0	ug/l	25.0	ND	124	50-135	10	25	
Bromomethane	29.7	1.0	ug/l	25.0	ND	119	50-140	8	25	
n-Butylbenzene	31.2	1.0	ug/l	25.0	ND	125	70-135	4	20	
sec-Butylbenzene	31.2	1.0	ug/l	25.0	ND	125	70-130	3	20	
tert-Butylbenzene	33.2	1.0	ug/l	25.0	ND	133	70-130	4	20	*M2*
Carbon tetrachloride	32.8	0.50	ug/l	25.0	ND	131	70-140	0	25	
Chlorobenzene	29.8	1.0	ug/l	25.0	ND	119	80-125	3	20	
Chloroethane	29.4	1.0	ug/l	25.0	ND	118	50-145	9	25	
Chloroform	30.2	1.0	ug/l	25.0	ND	121	70-130	3	20	
Chloromethane	24.1	1.0	ug/l	25.0	ND	96	30-145	11	30	
2-Chlorotoluene	30.8	1.0	ug/l	25.0	ND	123	65-145	5	25	
4-Chlorotoluene	31.0	1.0	ug/l	25.0	ND	124	70-145	4	20	
Dibromochloromethane	31.3	1.0	ug/l	25.0	ND	125	65-145	6	20	
1,2-Dibromo-3-chloropropane	27.8	5.0	ug/l	25.0	ND	111	50-150	22	25	
1,2-Dibromoethane (EDB)	28.9	1.0	ug/l	25.0	ND	116	70-125	9	20	
Dibromomethane	29.1	1.0	ug/l	25.0	ND	116	65-135	7	20	
1,2-Dichlorobenzene	31.1	1.0	ug/l	25.0	ND	124	70-130	1	20	
1,3-Dichlorobenzene	29.2	1.0	ug/l	25.0	ND	117	70-130	2	20	
1,4-Dichlorobenzene	29.0	1.0	ug/l	25.0	ND	116	75-120	2	20	
Dichlorodifluoromethane	19.5	5.0	ug/l	25.0	ND	78	10-160	4	30	
1,1-Dichloroethane	28.8	1.0	ug/l	25.0	ND	115	65-135	5	20	
1,2-Dichloroethane	31.2	0.50	ug/l	25.0	ND	125	60-150	5	25	
1,1-Dichloroethene	30.2	1.0	ug/l	25.0	ND	121	65-145	4	25	
cis-1,2-Dichloroethene	29.1	1.0	ug/l	25.0	ND	116	60-130	4	20	
trans-1,2-Dichloroethene	29.6	1.0	ug/l	25.0	ND	118	60-135	6	20	
1,2-Dichloropropane	27.4	1.0	ug/l	25.0	ND	110	60-130	0	20	
1,3-Dichloropropane	27.2	1.0	ug/l	25.0	ND	109	65-140	5	25	
2,2-Dichloropropane	31.8	1.0	ug/l	25.0	ND	127	60-150	1	20	
1,1-Dichloropropene	29.5	1.0	ug/l	25.0	ND	118	60-145	1	20	
cis-1,3-Dichloropropene	30.6	0.50	ug/l	25.0	ND	122	70-140	1	20	

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A25006 Extracted: 01/25/04										
Matrix Spike Dup Analyzed: 01/25/04 (4A25006-MSD1)					**Source: INA1207-02**					
trans-1,3-Dichloropropene	32.2	0.50	ug/l	25.0	ND	129	70-140	6	20	
Ethylbenzene	31.1	1.0	ug/l	25.0	ND	124	70-125	3	20	
Hexachlorobutadiene	30.2	1.0	ug/l	25.0	ND	121	65-140	2	25	
Isopropylbenzene	32.1	1.0	ug/l	25.0	ND	128	65-130	6	25	
p-Isopropyltoluene	29.2	1.0	ug/l	25.0	ND	117	70-130	2	20	
Methylene chloride	28.6	5.0	ug/l	25.0	ND	114	60-135	3	20	
Methyl-tert-butyl Ether (MTBE)	33.2	1.0	ug/l	25.0	ND	133	50-150	8	25	
Naphthalene	30.4	1.0	ug/l	25.0	ND	122	50-145	11	25	
n-Propylbenzene	31.7	1.0	ug/l	25.0	ND	127	70-135	4	20	
Styrene	27.7	1.0	ug/l	25.0	ND	111	60-145	3	25	
1,1,1,2-Tetrachloroethane	30.8	1.0	ug/l	25.0	ND	123	65-145	0	20	
1,1,2,2-Tetrachloroethane	26.3	1.0	ug/l	25.0	ND	105	60-140	13	25	
Tetrachloroethene	31.0	1.0	ug/l	25.0	ND	124	70-130	4	20	
Toluene	28.5	1.0	ug/l	25.0	ND	114	65-120	2	20	
1,2,3-Trichlorobenzene	30.9	1.0	ug/l	25.0	ND	124	60-135	5	20	
1,2,4-Trichlorobenzene	32.0	1.0	ug/l	25.0	ND	128	55-140	2	25	
1,1,1-Trichloroethane	32.0	1.0	ug/l	25.0	ND	128	75-140	3	20	
1,1,2-Trichloroethane	27.0	1.0	ug/l	25.0	ND	108	60-135	11	20	
Trichloroethene	28.8	1.0	ug/l	25.0	ND	115	70-125	1	20	
Trichlorofluoromethane	30.1	1.0	ug/l	25.0	ND	120	50-150	2	25	
1,2,3-Trichloropropane	26.3	1.0	ug/l	25.0	ND	105	60-140	11	25	
1,2,4-Trimethylbenzene	27.6	1.0	ug/l	25.0	ND	110	60-125	0	20	
1,3,5-Trimethylbenzene	29.0	1.0	ug/l	25.0	ND	116	70-130	2	20	
Vinyl chloride	27.3	0.50	ug/l	25.0	ND	109	40-130	9	25	
o-Xylene	30.4	1.0	ug/l	25.0	ND	122	65-125	2	20	
m,p-Xylenes	59.6	1.0	ug/l	50.0	ND	119	60-125	2	25	
Surrogate: Dibromofluoromethane	*28.1*		*ug/l*	*25.0*		*112*	*80-120*			
Surrogate: Toluene-d8	*26.5*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			

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Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Blank Analyzed: 01/24/04 (4A23026-BLK1)										
Acetone	ND	1500	ug/kg							
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
2-Butanone (MEK)	ND	1000	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Blank Analyzed: 01/24/04 (4A23026-BLK1)										
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
2-Hexanone	ND	500	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	500	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	250	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Xylenes, Total	ND	200	ug/kg							
Di-isopropyl Ether (DIPE)	ND	250	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	250	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	250	ug/kg							
tert-Butanol (TBA)	ND	2500	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	500	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Blank Analyzed: 01/24/04 (4A23026-BLK1)										
Surrogate: Dibromofluoromethane	*2840*		*ug/kg*	*2500*		*114*	*50-160*			
Surrogate: Toluene-d8	*2860*		*ug/kg*	*2500*		*114*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2910*		*ug/kg*	*2500*		*116*	*60-150*			
LCS Analyzed: 01/24/04 (4A23026-BS1)										
Acetone	2320	1500	ug/kg	2500		93	35-120			
Benzene	2850	100	ug/kg	2500		114	75-125			
Bromobenzene	2690	250	ug/kg	2500		108	80-120			
Bromochloromethane	2840	250	ug/kg	2500		114	65-140			
Bromodichloromethane	2760	100	ug/kg	2500		110	70-140			
Bromoform	2460	250	ug/kg	2500		98	60-130			
Bromomethane	1320	250	ug/kg	2500		53	35-140			
2-Butanone (MEK)	2610	1000	ug/kg	2500		104	45-145			
n-Butylbenzene	2510	250	ug/kg	2500		100	80-130			
sec-Butylbenzene	2640	250	ug/kg	2500		106	75-125			
tert-Butylbenzene	2640	250	ug/kg	2500		106	80-125			
Carbon tetrachloride	2660	250	ug/kg	2500		106	70-140			
Chlorobenzene	2780	100	ug/kg	2500		111	80-125			
Chloroethane	1460	250	ug/kg	2500		58	40-145			
Chloroform	2690	100	ug/kg	2500		108	75-130			
Chloromethane	1630	250	ug/kg	2500		65	30-145			
2-Chlorotoluene	2720	250	ug/kg	2500		109	75-125			
4-Chlorotoluene	2720	250	ug/kg	2500		109	80-125			
Dibromochloromethane	2830	100	ug/kg	2500		113	65-145			
1,2-Dibromo-3-chloropropane	2470	250	ug/kg	2500		99	45-135			
1,2-Dibromoethane (EDB)	2880	100	ug/kg	2500		115	75-130			
Dibromomethane	2870	100	ug/kg	2500		115	75-135			
1,2-Dichlorobenzene	2660	100	ug/kg	2500		106	80-120			
1,3-Dichlorobenzene	2730	100	ug/kg	2500		109	80-120			
1,4-Dichlorobenzene	2800	100	ug/kg	2500		112	80-120			
Dichlorodifluoromethane	711	250	ug/kg	2500		28	10-160			
1,1-Dichloroethane	2640	100	ug/kg	2500		106	70-135			
1,2-Dichloroethane	2740	100	ug/kg	2500		110	60-150			
1,1-Dichloroethene	2690	250	ug/kg	2500		108	80-145			
cis-1,2-Dichloroethene	2690	100	ug/kg	2500		108	70-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
LCS Analyzed: 01/24/04 (4A23026-BS1)										
trans-1,2-Dichloroethene	2620	100	ug/kg	2500		105	70-135			
1,2-Dichloropropane	2680	100	ug/kg	2500		107	75-125			
1,3-Dichloropropane	2840	100	ug/kg	2500		114	75-130			
2,2-Dichloropropane	2680	100	ug/kg	2500		107	70-150			
1,1-Dichloropropene	2660	100	ug/kg	2500		106	75-130			
cis-1,3-Dichloropropene	2870	100	ug/kg	2500		115	75-130			
trans-1,3-Dichloropropene	2920	100	ug/kg	2500		117	75-135			
Ethylbenzene	2620	100	ug/kg	2500		105	80-120			
Hexachlorobutadiene	2430	250	ug/kg	2500		97	75-140			
2-Hexanone	2910	500	ug/kg	2500		116	40-135			
Isopropylbenzene	2720	100	ug/kg	2500		109	75-125			
p-Isopropyltoluene	2720	100	ug/kg	2500		109	80-125			
Methylene chloride	2680	1000	ug/kg	2500		107	60-145			
4-Methyl-2-pentanone (MIBK)	2970	500	ug/kg	2500		119	50-140			
Methyl-tert-butyl Ether (MTBE)	2930	250	ug/kg	2500		117	55-150			
Naphthalene	2630	250	ug/kg	2500		105	50-145			
n-Propylbenzene	2620	100	ug/kg	2500		105	75-130			
Styrene	2950	100	ug/kg	2500		118	80-135			
1,1,1,2-Tetrachloroethane	2640	250	ug/kg	2500		106	70-145			
1,1,2,2-Tetrachloroethane	2840	100	ug/kg	2500		114	60-135			
Tetrachloroethene	2710	100	ug/kg	2500		108	80-125			
Toluene	2680	100	ug/kg	2500		107	80-125			
1,2,3-Trichlorobenzene	2570	250	ug/kg	2500		103	65-135			
1,2,4-Trichlorobenzene	2600	250	ug/kg	2500		104	70-140			
1,1,1-Trichloroethane	2540	100	ug/kg	2500		102	75-140			
1,1,2-Trichloroethane	2820	100	ug/kg	2500		113	70-130			
Trichloroethene	2720	100	ug/kg	2500		109	80-130			
Trichlorofluoromethane	1980	250	ug/kg	2500		79	55-145			
1,2,3-Trichloropropane	2850	500	ug/kg	2500		114	60-130			
1,2,4-Trimethylbenzene	2720	100	ug/kg	2500		109	80-125			
1,3,5-Trimethylbenzene	2660	100	ug/kg	2500		106	80-125			
Vinyl chloride	909	250	ug/kg	2500		36	10-120			
o-Xylene	2780	100	ug/kg	2500		111	80-125			
m,p-Xylenes	5570	100	ug/kg	5000		111	80-120			
Xylenes, Total	8340	200	ug/kg	7500		111	80-125			

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
LCS Analyzed: 01/24/04 (4A23026-BS1)										
Di-isopropyl Ether (DIPE)	2600	250	ug/kg	2500		104	65-145			
Ethyl tert-Butyl Ether (ETBE)	3050	250	ug/kg	2500		122	60-150			
tert-Amyl Methyl Ether (TAME)	3200	250	ug/kg	2500		128	60-150			
tert-Butanol (TBA)	13000	2500	ug/kg	12500		104	75-140			
Surrogate: Dibromofluoromethane	*2840*		*ug/kg*	*2500*		*114*	*50-160*			
Surrogate: Toluene-d8	*2970*		*ug/kg*	*2500*		*119*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2880*		*ug/kg*	*2500*		*115*	*60-150*			
LCS Dup Analyzed: 01/24/04 (4A23026-BSD1)										
Acetone	1920	1500	ug/kg	2500		77	35-120	19	30	
Benzene	2530	100	ug/kg	2500		101	75-125	12	20	
Bromobenzene	2520	250	ug/kg	2500		101	80-120	7	20	
Bromochloromethane	2620	250	ug/kg	2500		105	65-140	8	20	
Bromodichloromethane	2480	100	ug/kg	2500		99	70-140	11	20	
Bromoform	2070	250	ug/kg	2500		83	60-130	17	25	
Bromomethane	1350	250	ug/kg	2500		54	35-140	2	30	
2-Butanone (MEK)	2230	1000	ug/kg	2500		89	45-145	16	25	
n-Butylbenzene	2500	250	ug/kg	2500		100	80-130	0	20	
sec-Butylbenzene	2390	250	ug/kg	2500		96	75-125	10	20	
tert-Butylbenzene	2460	250	ug/kg	2500		98	80-125	7	20	
Carbon tetrachloride	2380	250	ug/kg	2500		95	70-140	11	20	
Chlorobenzene	2630	100	ug/kg	2500		105	80-125	6	20	
Chloroethane	1480	250	ug/kg	2500		59	40-145	1	25	
Chloroform	2550	100	ug/kg	2500		102	75-130	5	20	
Chloromethane	1480	250	ug/kg	2500		59	30-145	10	25	
2-Chlorotoluene	2500	250	ug/kg	2500		100	75-125	8	20	
4-Chlorotoluene	2470	250	ug/kg	2500		99	80-125	10	20	
Dibromochloromethane	2500	100	ug/kg	2500		100	65-145	12	20	
1,2-Dibromo-3-chloropropane	1940	250	ug/kg	2500		78	45-135	24	25	
1,2-Dibromoethane (EDB)	2520	100	ug/kg	2500		101	75-130	13	20	
Dibromomethane	2340	100	ug/kg	2500		94	75-135	20	20	
1,2-Dichlorobenzene	2510	100	ug/kg	2500		100	80-120	6	20	
1,3-Dichlorobenzene	2460	100	ug/kg	2500		98	80-120	10	20	
1,4-Dichlorobenzene	2610	100	ug/kg	2500		104	80-120	7	20	
Dichlorodifluoromethane	559	250	ug/kg	2500		22	10-160	24	30	

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Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
LCS Dup Analyzed: 01/24/04 (4A23026-BSD1)										
1,1-Dichloroethane	2520	100	ug/kg	2500		101	70-135	5	20	
1,2-Dichloroethane	2260	100	ug/kg	2500		90	60-150	19	25	
1,1-Dichloroethene	2540	250	ug/kg	2500		102	80-145	6	20	
cis-1,2-Dichloroethene	2590	100	ug/kg	2500		104	70-135	4	20	
trans-1,2-Dichloroethene	2450	100	ug/kg	2500		98	70-135	7	20	
1,2-Dichloropropane	2360	100	ug/kg	2500		94	75-125	13	20	
1,3-Dichloropropane	2480	100	ug/kg	2500		99	75-130	14	20	
2,2-Dichloropropane	2690	100	ug/kg	2500		108	70-150	0	20	
1,1-Dichloropropene	2480	100	ug/kg	2500		99	75-130	7	20	
cis-1,3-Dichloropropene	2540	100	ug/kg	2500		102	75-130	12	20	
trans-1,3-Dichloropropene	2440	100	ug/kg	2500		98	75-135	18	20	
Ethylbenzene	2580	100	ug/kg	2500		103	80-120	2	20	
Hexachlorobutadiene	2250	250	ug/kg	2500		90	75-140	8	20	
2-Hexanone	2170	500	ug/kg	2500		87	40-135	29	25	*R-7*
Isopropylbenzene	2500	100	ug/kg	2500		100	75-125	8	20	
p-Isopropyltoluene	2550	100	ug/kg	2500		102	80-125	6	20	
Methylene chloride	2460	1000	ug/kg	2500		98	60-145	9	20	
4-Methyl-2-pentanone (MIBK)	2110	500	ug/kg	2500		84	50-140	34	25	*R-7*
Methyl-tert-butyl Ether (MTBE)	2450	250	ug/kg	2500		98	55-150	18	25	
Naphthalene	2130	250	ug/kg	2500		85	50-145	21	25	
n-Propylbenzene	2550	100	ug/kg	2500		102	75-130	3	20	
Styrene	2850	100	ug/kg	2500		114	80-135	3	20	
1,1,1,2-Tetrachloroethane	2470	250	ug/kg	2500		99	70-145	7	20	
1,1,2,2-Tetrachloroethane	2350	100	ug/kg	2500		94	60-135	19	25	
Tetrachloroethene	2560	100	ug/kg	2500		102	80-125	6	20	
Toluene	2420	100	ug/kg	2500		97	80-125	10	20	
1,2,3-Trichlorobenzene	2420	250	ug/kg	2500		97	65-135	6	20	
1,2,4-Trichlorobenzene	2550	250	ug/kg	2500		102	70-140	2	20	
1,1,1-Trichloroethane	2420	100	ug/kg	2500		97	75-140	5	20	
1,1,2-Trichloroethane	2250	100	ug/kg	2500		90	70-130	22	20	*R-7*
Trichloroethene	2410	100	ug/kg	2500		96	80-130	12	20	
Trichlorofluoromethane	1930	250	ug/kg	2500		77	55-145	3	25	
1,2,3-Trichloropropane	2260	500	ug/kg	2500		90	60-130	23	20	*R-7*
1,2,4-Trimethylbenzene	2550	100	ug/kg	2500		102	80-125	6	20	
1,3,5-Trimethylbenzene	2570	100	ug/kg	2500		103	80-125	3	20	

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Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
LCS Dup Analyzed: 01/24/04 (4A23026-BSD1)										
Vinyl chloride	964	250	ug/kg	2500		39	10-120	6	30	
o-Xylene	2620	100	ug/kg	2500		105	80-125	6	20	
m,p-Xylenes	5500	100	ug/kg	5000		110	80-120	1	20	
Xylenes, Total	8120	200	ug/kg	7500		108	80-125	3	20	
Di-isopropyl Ether (DIPE)	2570	250	ug/kg	2500		103	65-145	1	20	
Ethyl tert-Butyl Ether (ETBE)	2820	250	ug/kg	2500		113	60-150	8	25	
tert-Amyl Methyl Ether (TAME)	2800	250	ug/kg	2500		112	60-150	13	25	
tert-Butanol (TBA)	13400	2500	ug/kg	12500		107	75-140	3	20	
Surrogate: Dibromofluoromethane	*2730*		*ug/kg*	*2500*		*109*	*50-160*			
Surrogate: Toluene-d8	*2550*		*ug/kg*	*2500*		*102*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2720*		*ug/kg*	*2500*		*109*	*60-150*			
Matrix Spike Analyzed: 01/24/04 (4A23026-MS1)					**Source: INA1064-01**					
Acetone	20700	3000	ug/kg	2500	ND	828	20-150			*M1*
Benzene	7430	200	ug/kg	2500	4500	117	60-140			
Bromobenzene	1740	500	ug/kg	2500	ND	70	65-130			
Bromochloromethane	2270	500	ug/kg	2500	ND	91	60-145			
Bromodichloromethane	2220	200	ug/kg	2500	ND	89	65-150			
Bromoform	2270	500	ug/kg	2500	ND	91	55-150			
Bromomethane	1490	500	ug/kg	2500	ND	60	30-160			
2-Butanone (MEK)	1570	2000	ug/kg	2500	ND	63	15-180			
n-Butylbenzene	4290	500	ug/kg	2500	ND	172	60-150			*M1*
sec-Butylbenzene	5910	500	ug/kg	2500	4600	52	65-145			*M2*
tert-Butylbenzene	2260	500	ug/kg	2500	660	64	60-150			
Carbon tetrachloride	2140	500	ug/kg	2500	ND	86	70-140			
Chlorobenzene	3140	200	ug/kg	2500	ND	126	70-140			
Chloroethane	1590	500	ug/kg	2500	ND	64	30-170			
Chloroform	2250	200	ug/kg	2500	ND	90	60-140			
Chloromethane	968	500	ug/kg	2500	ND	39	30-160			
2-Chlorotoluene	2830	500	ug/kg	2500	ND	113	60-140			
4-Chlorotoluene	2260	500	ug/kg	2500	ND	90	70-135			
Dibromochloromethane	3450	200	ug/kg	2500	ND	138	60-150			
1,2-Dibromo-3-chloropropane	1990	500	ug/kg	2500	ND	80	40-150			
1,2-Dibromoethane (EDB)	2100	200	ug/kg	2500	ND	84	65-140			
Dibromomethane	2180	200	ug/kg	2500	ND	87	65-140			

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10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/24/04 (4A23026-MS1)					**Source: INA1064-01**					
1,2-Dichlorobenzene	1740	200	ug/kg	2500	ND	70	70-130			
1,3-Dichlorobenzene	1630	200	ug/kg	2500	ND	65	60-155			
1,4-Dichlorobenzene	1670	200	ug/kg	2500	ND	67	55-150			
Dichlorodifluoromethane	302	500	ug/kg	2500	ND	12	10-160			
1,1-Dichloroethane	2180	200	ug/kg	2500	ND	87	60-155			
1,2-Dichloroethane	2110	200	ug/kg	2500	ND	84	55-150			
1,1-Dichloroethene	2070	500	ug/kg	2500	ND	83	60-165			
cis-1,2-Dichloroethene	2270	200	ug/kg	2500	ND	91	60-135			
trans-1,2-Dichloroethene	2160	200	ug/kg	2500	ND	86	50-155			
1,2-Dichloropropane	2260	200	ug/kg	2500	ND	90	65-135			
1,3-Dichloropropane	2100	200	ug/kg	2500	ND	84	65-135			
2,2-Dichloropropane	1770	200	ug/kg	2500	ND	71	60-150			
1,1-Dichloropropene	1940	200	ug/kg	2500	ND	78	60-140			
cis-1,3-Dichloropropene	2180	200	ug/kg	2500	ND	87	60-135			
trans-1,3-Dichloropropene	2140	200	ug/kg	2500	ND	86	55-155			
Ethylbenzene	20600	200	ug/kg	2500	15000	224	60-140			*M1*
Hexachlorobutadiene	952	500	ug/kg	2500	ND	38	65-145			*M2*
2-Hexanone	2540	1000	ug/kg	2500	ND	102	35-160			
Isopropylbenzene	9110	200	ug/kg	2500	7400	68	60-140			
p-Isopropyltoluene	4200	200	ug/kg	2500	2900	52	60-145			*M2*
Methylene chloride	2220	2000	ug/kg	2500	ND	89	50-155			
4-Methyl-2-pentanone (MIBK)	7950	1000	ug/kg	2500	ND	318	40-150			*M1*
Methyl-tert-butyl Ether (MTBE)	2250	500	ug/kg	2500	ND	90	45-160			
Naphthalene	12500	500	ug/kg	2500	11000	60	30-165			
n-Propylbenzene	11600	200	ug/kg	2500	10000	64	60-145			
Styrene	2370	200	ug/kg	2500	ND	95	60-145			
1,1,1,2-Tetrachloroethane	2420	500	ug/kg	2500	ND	97	65-145			
1,1,2,2-Tetrachloroethane	368	200	ug/kg	2500	270	4	60-150			*M2*
Tetrachloroethene	1850	200	ug/kg	2500	ND	74	65-145			
Toluene	2190	200	ug/kg	2500	ND	88	60-145			
1,2,3-Trichlorobenzene	1630	500	ug/kg	2500	ND	65	45-145			
1,2,4-Trichlorobenzene	1590	500	ug/kg	2500	ND	64	60-140			
1,1,1-Trichloroethane	2100	200	ug/kg	2500	ND	84	65-140			
1,1,2-Trichloroethane	3190	200	ug/kg	2500	ND	128	60-140			
Trichloroethene	3920	200	ug/kg	2500	ND	157	70-150			*M1*

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Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/24/04 (4A23026-MS1)					**Source: INA1064-01**					
Trichlorofluoromethane	1550	500	ug/kg	2500	ND	62	35-165			
1,2,3-Trichloropropane	1580	1000	ug/kg	2500	ND	63	50-150			
1,2,4-Trimethylbenzene	10700	200	ug/kg	2500	9600	44	70-135			*M2*
1,3,5-Trimethylbenzene	4480	200	ug/kg	2500	2900	63	70-135			*M2*
Vinyl chloride	718	500	ug/kg	2500	ND	29	10-120			
o-Xylene	2330	200	ug/kg	2500	130	88	60-145			
m,p-Xylenes	19200	200	ug/kg	5000	12000	144	60-140			*M1*
Xylenes, Total	21500	400	ug/kg	7500	12000	127	60-145			
Di-isopropyl Ether (DIPE)	2300	500	ug/kg	2500	ND	92	50-160			
Ethyl tert-Butyl Ether (ETBE)	2300	500	ug/kg	2500	ND	92	60-160			
tert-Amyl Methyl Ether (TAME)	2310	500	ug/kg	2500	ND	92	55-160			
tert-Butanol (TBA)	11100	5000	ug/kg	12500	ND	89	60-160			
Surrogate: Dibromofluoromethane	*1740*		*ug/kg*	*2500*		*70*	*50-160*			
Surrogate: Toluene-d8	*2020*		*ug/kg*	*2500*		*81*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2600*		*ug/kg*	*2500*		*104*	*60-150*			
Matrix Spike Dup Analyzed: 01/24/04 (4A23026-MSD1)					**Source: INA1064-01**					
Acetone	22400	3000	ug/kg	2500	ND	896	20-150	8	35	*M1*
Benzene	8330	200	ug/kg	2500	4500	153	60-140	11	25	*M1*
Bromobenzene	1790	500	ug/kg	2500	ND	72	65-130	3	25	
Bromochloromethane	2210	500	ug/kg	2500	ND	88	60-145	3	25	
Bromodichloromethane	2230	200	ug/kg	2500	ND	89	65-150	0	25	
Bromoform	2230	500	ug/kg	2500	ND	89	55-150	2	30	
Bromomethane	1440	500	ug/kg	2500	ND	58	30-160	3	30	
2-Butanone (MEK)	1530	2000	ug/kg	2500	ND	61	15-180	3	50	
n-Butylbenzene	4470	500	ug/kg	2500	ND	179	60-150	4	25	*M1*
sec-Butylbenzene	6160	500	ug/kg	2500	4600	62	65-145	4	25	*M2*
tert-Butylbenzene	2360	500	ug/kg	2500	660	68	60-150	4	20	
Carbon tetrachloride	2160	500	ug/kg	2500	ND	86	70-140	1	20	
Chlorobenzene	3230	200	ug/kg	2500	ND	129	70-140	3	25	
Chloroethane	1540	500	ug/kg	2500	ND	62	30-170	3	35	
Chloroform	2180	200	ug/kg	2500	ND	87	60-140	3	25	
Chloromethane	938	500	ug/kg	2500	ND	38	30-160	3	30	
2-Chlorotoluene	2950	500	ug/kg	2500	ND	118	60-140	4	25	
4-Chlorotoluene	2300	500	ug/kg	2500	ND	92	70-135	2	20	

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10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A23026-MSD1)					**Source: INA1064-01**					
Dibromochloromethane	3040	200	ug/kg	2500	ND	122	60-150	13	25	
1,2-Dibromo-3-chloropropane	1920	500	ug/kg	2500	ND	77	40-150	4	30	
1,2-Dibromoethane (EDB)	2060	200	ug/kg	2500	ND	82	65-140	2	25	
Dibromomethane	2120	200	ug/kg	2500	ND	85	65-140	3	20	
1,2-Dichlorobenzene	1770	200	ug/kg	2500	ND	71	70-130	2	20	
1,3-Dichlorobenzene	1690	200	ug/kg	2500	ND	68	60-155	4	25	
1,4-Dichlorobenzene	1700	200	ug/kg	2500	ND	68	55-150	2	25	
Dichlorodifluoromethane	304	500	ug/kg	2500	ND	12	10-160	1	35	
1,1-Dichloroethane	2190	200	ug/kg	2500	ND	88	60-155	1	25	
1,2-Dichloroethane	2030	200	ug/kg	2500	ND	81	55-150	4	30	
1,1-Dichloroethene	2030	500	ug/kg	2500	ND	81	60-165	2	25	
cis-1,2-Dichloroethene	2170	200	ug/kg	2500	ND	87	60-135	5	25	
trans-1,2-Dichloroethene	2120	200	ug/kg	2500	ND	85	50-155	2	25	
1,2-Dichloropropane	2200	200	ug/kg	2500	ND	88	65-135	3	20	
1,3-Dichloropropane	2040	200	ug/kg	2500	ND	82	65-135	3	20	
2,2-Dichloropropane	1710	200	ug/kg	2500	ND	68	60-150	3	20	
1,1-Dichloropropene	1980	200	ug/kg	2500	ND	79	60-140	2	20	
cis-1,3-Dichloropropene	2170	200	ug/kg	2500	ND	87	60-135	1	25	
trans-1,3-Dichloropropene	2130	200	ug/kg	2500	ND	85	55-155	1	25	
Ethylbenzene	21600	200	ug/kg	2500	15000	264	60-140	5	25	*M1*
Hexachlorobutadiene	1020	500	ug/kg	2500	ND	41	65-145	7	25	*M2*
2-Hexanone	2510	1000	ug/kg	2500	ND	100	35-160	1	30	
Isopropylbenzene	9850	200	ug/kg	2500	7400	98	60-140	8	25	
p-Isopropyltoluene	4360	200	ug/kg	2500	2900	58	60-145	4	25	*M2*
Methylene chloride	2130	2000	ug/kg	2500	ND	85	50-155	4	25	
4-Methyl-2-pentanone (MIBK)	8550	1000	ug/kg	2500	ND	342	40-150	7	30	*M1*
Methyl-tert-butyl Ether (MTBE)	2180	500	ug/kg	2500	ND	87	45-160	3	30	
Naphthalene	12500	500	ug/kg	2500	11000	60	30-165	0	30	
n-Propylbenzene	12300	200	ug/kg	2500	10000	92	60-145	6	25	
Styrene	2360	200	ug/kg	2500	ND	94	60-145	0	20	
1,1,1,2-Tetrachloroethane	2240	500	ug/kg	2500	ND	90	65-145	8	20	
1,1,2,2-Tetrachloroethane	422	200	ug/kg	2500	270	6	60-150	14	20	*M2*
Tetrachloroethene	1860	200	ug/kg	2500	ND	74	65-145	1	25	
Toluene	2150	200	ug/kg	2500	ND	86	60-145	2	25	
1,2,3-Trichlorobenzene	1710	500	ug/kg	2500	ND	68	45-145	5	30	

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23026 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A23026-MSD1)					**Source: INA1064-01**					
1,2,4-Trichlorobenzene	1630	500	ug/kg	2500	ND	65	60-140	2	25	
1,1,1-Trichloroethane	2030	200	ug/kg	2500	ND	81	65-140	3	25	
1,1,2-Trichloroethane	3340	200	ug/kg	2500	ND	134	60-140	5	20	
Trichloroethene	4000	200	ug/kg	2500	ND	160	70-150	2	25	*M1*
Trichlorofluoromethane	1520	500	ug/kg	2500	ND	61	35-165	2	30	
1,2,3-Trichloropropane	1520	1000	ug/kg	2500	ND	61	50-150	4	20	
1,2,4-Trimethylbenzene	11000	200	ug/kg	2500	9600	56	70-135	3	20	*M2*
1,3,5-Trimethylbenzene	4660	200	ug/kg	2500	2900	70	70-135	4	25	
Vinyl chloride	666	500	ug/kg	2500	ND	27	10-120	8	35	
o-Xylene	2350	200	ug/kg	2500	130	89	60-145	1	25	
m,p-Xylenes	20000	200	ug/kg	5000	12000	160	60-140	4	25	*M1*
Xylenes, Total	22400	400	ug/kg	7500	12000	139	60-145	4	30	
Di-isopropyl Ether (DIPE)	2200	500	ug/kg	2500	ND	88	50-160	4	25	
Ethyl tert-Butyl Ether (ETBE)	2230	500	ug/kg	2500	ND	89	60-160	3	25	
tert-Amyl Methyl Ether (TAME)	2390	500	ug/kg	2500	ND	96	55-160	3	25	
tert-Butanol (TBA)	11600	5000	ug/kg	12500	ND	93	60-160	4	25	
Surrogate: Dibromofluoromethane	*1710*		*ug/kg*	*2500*		*68*	*50-160*			
Surrogate: Toluene-d8	*1990*		*ug/kg*	*2500*		*80*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2570*		*ug/kg*	*2500*		*103*	*60-150*			
Batch: 4A23028 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A23028-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A23028-BLK1)										
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A23028-BLK1)										
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	4.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	*53.5*		*ug/kg*	*50.0*		*107*	*80-125*			
Surrogate: Toluene-d8	*57.3*		*ug/kg*	*50.0*		*115*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*51.7*		*ug/kg*	*50.0*		*103*	*80-120*			
LCS Analyzed: 01/23/04 (4A23028-BS1)										
Acetone	36.6	10	ug/kg	50.0		73	40-155			
Benzene	47.7	2.0	ug/kg	50.0		95	70-120			
Bromobenzene	50.6	5.0	ug/kg	50.0		101	80-120			
Bromochloromethane	50.8	5.0	ug/kg	50.0		102	65-135			
Bromodichloromethane	54.8	2.0	ug/kg	50.0		110	70-140			
Bromoform	48.7	5.0	ug/kg	50.0		97	60-140			
Bromomethane	45.3	5.0	ug/kg	50.0		91	60-140			
2-Butanone (MEK)	53.8	10	ug/kg	50.0		108	50-145			
n-Butylbenzene	50.8	5.0	ug/kg	50.0		102	75-130			
sec-Butylbenzene	50.2	5.0	ug/kg	50.0		100	75-125			
tert-Butylbenzene	49.8	5.0	ug/kg	50.0		100	80-125			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
LCS Analyzed: 01/23/04 (4A23028-BS1)										
Carbon tetrachloride	53.2	5.0	ug/kg	50.0		106	70-140			
Chlorobenzene	51.4	2.0	ug/kg	50.0		103	80-125			
Chloroethane	45.2	5.0	ug/kg	50.0		90	55-145			
Chloroform	51.1	2.0	ug/kg	50.0		102	75-120			
Chloromethane	38.2	5.0	ug/kg	50.0		76	35-145			
2-Chlorotoluene	49.6	5.0	ug/kg	50.0		99	75-125			
4-Chlorotoluene	50.9	5.0	ug/kg	50.0		102	80-125			
Dibromochloromethane	55.6	2.0	ug/kg	50.0		111	65-145			
1,2-Dibromo-3-chloropropane	45.6	5.0	ug/kg	50.0		91	50-150			
1,2-Dibromoethane (EDB)	56.1	2.0	ug/kg	50.0		112	70-130			
Dibromomethane	54.6	2.0	ug/kg	50.0		109	70-130			
1,2-Dichlorobenzene	49.3	2.0	ug/kg	50.0		99	80-125			
1,3-Dichlorobenzene	49.5	2.0	ug/kg	50.0		99	80-120			
1,4-Dichlorobenzene	49.9	2.0	ug/kg	50.0		100	80-120			
Dichlorodifluoromethane	26.5	5.0	ug/kg	50.0		53	10-160			
1,1-Dichloroethane	50.1	2.0	ug/kg	50.0		100	70-135			
1,2-Dichloroethane	54.5	2.0	ug/kg	50.0		109	60-150			
1,1-Dichloroethene	48.7	5.0	ug/kg	50.0		97	75-130			
cis-1,2-Dichloroethene	49.4	2.0	ug/kg	50.0		99	70-125			
trans-1,2-Dichloroethene	49.7	2.0	ug/kg	50.0		99	70-130			
1,2-Dichloropropane	52.4	2.0	ug/kg	50.0		105	70-120			
1,3-Dichloropropane	55.0	2.0	ug/kg	50.0		110	70-130			
2,2-Dichloropropane	53.1	2.0	ug/kg	50.0		106	70-150			
1,1-Dichloropropene	51.4	2.0	ug/kg	50.0		103	75-130			
cis-1,3-Dichloropropene	52.6	2.0	ug/kg	50.0		105	75-130			
trans-1,3-Dichloropropene	53.5	2.0	ug/kg	50.0		107	70-135			
Ethylbenzene	51.4	2.0	ug/kg	50.0		103	75-125			
Hexachlorobutadiene	47.4	5.0	ug/kg	50.0		95	75-140			
2-Hexanone	58.3	10	ug/kg	50.0		117	40-155			
Isopropylbenzene	50.1	2.0	ug/kg	50.0		100	75-125			
p-Isopropyltoluene	48.6	2.0	ug/kg	50.0		97	75-125			
Methylene chloride	47.5	20	ug/kg	50.0		95	60-135			
4-Methyl-2-pentanone (MIBK)	61.3	5.0	ug/kg	50.0		123	50-145			
Methyl-tert-butyl Ether (MTBE)	59.4	5.0	ug/kg	50.0		119	55-145			
Naphthalene	51.6	5.0	ug/kg	50.0		103	50-145			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
LCS Analyzed: 01/23/04 (4A23028-BS1)										
n-Propylbenzene	51.9	2.0	ug/kg	50.0		104	75-130			
Styrene	53.6	2.0	ug/kg	50.0		107	80-135			
1,1,1,2-Tetrachloroethane	50.0	5.0	ug/kg	50.0		100	70-145			
1,1,2,2-Tetrachloroethane	57.8	2.0	ug/kg	50.0		116	55-145			
Tetrachloroethene	51.0	2.0	ug/kg	50.0		102	80-125			
Toluene	50.1	2.0	ug/kg	50.0		100	75-120			
1,2,3-Trichlorobenzene	45.8	5.0	ug/kg	50.0		92	65-135			
1,2,4-Trichlorobenzene	50.6	5.0	ug/kg	50.0		101	70-140			
1,1,1-Trichloroethane	50.3	2.0	ug/kg	50.0		101	75-140			
1,1,2-Trichloroethane	56.0	2.0	ug/kg	50.0		112	65-130			
Trichloroethene	51.1	2.0	ug/kg	50.0		102	75-125			
Trichlorofluoromethane	46.0	5.0	ug/kg	50.0		92	50-145			
1,2,3-Trichloropropane	56.3	10	ug/kg	50.0		113	55-140			
1,2,4-Trimethylbenzene	50.8	2.0	ug/kg	50.0		102	75-125			
1,3,5-Trimethylbenzene	51.4	2.0	ug/kg	50.0		103	80-125			
Vinyl chloride	41.0	5.0	ug/kg	50.0		82	45-130			
o-Xylene	49.7	2.0	ug/kg	50.0		99	75-125			
m,p-Xylenes	101	2.0	ug/kg	100		101	75-125			
Xylenes, Total	151	4.0	ug/kg	150		101	75-125			
Surrogate: Dibromofluoromethane	*50.8*		*ug/kg*	*50.0*		*102*	*80-125*			
Surrogate: Toluene-d8	*57.9*		*ug/kg*	*50.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/kg*	*50.0*		*105*	*80-120*			
Matrix Spike Analyzed: 01/23/04 (4A23028-MS1)					**Source: INA1055-03**					
Acetone	34.9	10	ug/kg	50.0	ND	70	10-155			
Benzene	42.4	2.0	ug/kg	50.0	ND	85	65-130			
Bromobenzene	47.1	5.0	ug/kg	50.0	ND	94	70-130			
Bromochloromethane	47.9	5.0	ug/kg	50.0	ND	96	60-145			
Bromodichloromethane	49.2	2.0	ug/kg	50.0	ND	98	70-145			
Bromoform	44.9	5.0	ug/kg	50.0	ND	90	60-145			
Bromomethane	41.2	5.0	ug/kg	50.0	ND	82	50-150			
2-Butanone (MEK)	45.2	10	ug/kg	50.0	ND	90	15-180			
n-Butylbenzene	45.8	5.0	ug/kg	50.0	ND	92	60-140			
sec-Butylbenzene	46.0	5.0	ug/kg	50.0	ND	92	65-135			
tert-Butylbenzene	45.1	5.0	ug/kg	50.0	ND	90	70-130			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/23/04 (4A23028-MS1)					**Source: INA1055-03**					
Carbon tetrachloride	47.1	5.0	ug/kg	50.0	ND	94	70-140			
Chlorobenzene	46.8	2.0	ug/kg	50.0	ND	94	80-130			
Chloroethane	41.1	5.0	ug/kg	50.0	ND	82	50-150			
Chloroform	47.1	2.0	ug/kg	50.0	ND	94	70-130			
Chloromethane	34.3	5.0	ug/kg	50.0	ND	69	30-150			
2-Chlorotoluene	45.3	5.0	ug/kg	50.0	ND	91	70-130			
4-Chlorotoluene	46.4	5.0	ug/kg	50.0	ND	93	65-135			
Dibromochloromethane	51.7	2.0	ug/kg	50.0	ND	103	65-145			
1,2-Dibromo-3-chloropropane	39.1	5.0	ug/kg	50.0	ND	78	50-150			
1,2-Dibromoethane (EDB)	51.6	2.0	ug/kg	50.0	ND	103	65-135			
Dibromomethane	49.8	2.0	ug/kg	50.0	ND	100	65-135			
1,2-Dichlorobenzene	45.7	2.0	ug/kg	50.0	ND	91	75-130			
1,3-Dichlorobenzene	45.4	2.0	ug/kg	50.0	ND	91	70-125			
1,4-Dichlorobenzene	45.8	2.0	ug/kg	50.0	ND	92	75-130			
Dichlorodifluoromethane	23.4	5.0	ug/kg	50.0	ND	47	10-200			
1,1-Dichloroethane	45.6	2.0	ug/kg	50.0	ND	91	70-135			
1,2-Dichloroethane	48.9	2.0	ug/kg	50.0	ND	98	60-150			
1,1-Dichloroethene	43.5	5.0	ug/kg	50.0	ND	87	75-140			
cis-1,2-Dichloroethene	44.5	2.0	ug/kg	50.0	ND	89	60-135			
trans-1,2-Dichloroethene	45.9	2.0	ug/kg	50.0	ND	92	65-135			
1,2-Dichloropropane	46.4	2.0	ug/kg	50.0	ND	93	65-125			
1,3-Dichloropropane	50.0	2.0	ug/kg	50.0	ND	100	65-135			
2,2-Dichloropropane	48.6	2.0	ug/kg	50.0	ND	97	60-150			
1,1-Dichloropropene	45.1	2.0	ug/kg	50.0	ND	90	60-140			
cis-1,3-Dichloropropene	47.0	2.0	ug/kg	50.0	ND	94	65-135			
trans-1,3-Dichloropropene	48.4	2.0	ug/kg	50.0	ND	97	65-140			
Ethylbenzene	47.1	2.0	ug/kg	50.0	ND	94	70-130			
Hexachlorobutadiene	42.2	5.0	ug/kg	50.0	ND	84	65-145			
2-Hexanone	51.8	10	ug/kg	50.0	ND	104	30-160			
Isopropylbenzene	45.7	2.0	ug/kg	50.0	ND	91	60-135			
p-Isopropyltoluene	45.0	2.0	ug/kg	50.0	ND	90	60-135			
Methylene chloride	42.8	20	ug/kg	50.0	ND	86	60-145			
4-Methyl-2-pentanone (MIBK)	53.7	5.0	ug/kg	50.0	ND	107	40-155			
Methyl-tert-butyl Ether (MTBE)	55.3	5.0	ug/kg	50.0	ND	111	50-150			
Naphthalene	46.6	5.0	ug/kg	50.0	3.1	87	40-160			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Analyzed: 01/23/04 (4A23028-MS1)					**Source: INA1055-03**					
n-Propylbenzene	47.3	2.0	ug/kg	50.0	ND	95	60-140			
Styrene	48.6	2.0	ug/kg	50.0	ND	97	70-145			
1,1,1,2-Tetrachloroethane	46.3	5.0	ug/kg	50.0	ND	93	65-145			
1,1,2,2-Tetrachloroethane	52.4	2.0	ug/kg	50.0	ND	105	55-150			
Tetrachloroethene	46.0	2.0	ug/kg	50.0	ND	92	70-130			
Toluene	45.3	2.0	ug/kg	50.0	ND	91	70-125			
1,2,3-Trichlorobenzene	41.4	5.0	ug/kg	50.0	1.2	80	60-135			
1,2,4-Trichlorobenzene	45.9	5.0	ug/kg	50.0	ND	92	65-140			
1,1,1-Trichloroethane	45.6	2.0	ug/kg	50.0	ND	91	65-140			
1,1,2-Trichloroethane	49.1	2.0	ug/kg	50.0	ND	98	60-140			
Trichloroethene	45.0	2.0	ug/kg	50.0	ND	90	70-140			
Trichlorofluoromethane	41.0	5.0	ug/kg	50.0	ND	82	40-160			
1,2,3-Trichloropropane	51.2	10	ug/kg	50.0	ND	102	55-140			
1,2,4-Trimethylbenzene	46.2	2.0	ug/kg	50.0	ND	92	65-130			
1,3,5-Trimethylbenzene	47.2	2.0	ug/kg	50.0	ND	94	70-130			
Vinyl chloride	36.5	5.0	ug/kg	50.0	ND	73	45-130			
o-Xylene	44.9	2.0	ug/kg	50.0	ND	90	70-125			
m,p-Xylenes	92.1	2.0	ug/kg	100	ND	92	70-125			
Xylenes, Total	137	4.0	ug/kg	150	ND	91	70-125			
Surrogate: Dibromofluoromethane	*52.3*		*ug/kg*	*50.0*		*105*	*80-125*			
Surrogate: Toluene-d8	*57.8*		*ug/kg*	*50.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/kg*	*50.0*		*105*	*80-120*			
Matrix Spike Dup Analyzed: 01/23/04 (4A23028-MSD1)					**Source: INA1055-03**					
Acetone	46.9	10	ug/kg	50.0	ND	94	10-155	29	35	
Benzene	48.4	2.0	ug/kg	50.0	ND	97	65-130	13	20	
Bromobenzene	51.0	5.0	ug/kg	50.0	ND	102	70-130	8	20	
Bromochloromethane	55.3	5.0	ug/kg	50.0	ND	111	60-145	14	25	
Bromodichloromethane	55.3	2.0	ug/kg	50.0	ND	111	70-145	12	20	
Bromoform	54.2	5.0	ug/kg	50.0	ND	108	60-145	19	25	
Bromomethane	47.3	5.0	ug/kg	50.0	ND	95	50-150	14	25	
2-Butanone (MEK)	61.7	10	ug/kg	50.0	ND	123	15-180	31	50	
n-Butylbenzene	49.1	5.0	ug/kg	50.0	ND	98	60-140	7	25	
sec-Butylbenzene	48.5	5.0	ug/kg	50.0	ND	97	65-135	5	20	
tert-Butylbenzene	48.5	5.0	ug/kg	50.0	ND	97	70-130	7	20	

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10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/23/04 (4A23028-MSD1)					**Source: INA1055-03**					
Carbon tetrachloride	52.8	5.0	ug/kg	50.0	ND	106	70-140	11	20	
Chlorobenzene	50.9	2.0	ug/kg	50.0	ND	102	80-130	8	20	
Chloroethane	48.0	5.0	ug/kg	50.0	ND	96	50-150	15	30	
Chloroform	53.2	2.0	ug/kg	50.0	ND	106	70-130	12	20	
Chloromethane	39.9	5.0	ug/kg	50.0	ND	80	30-150	15	30	
2-Chlorotoluene	48.6	5.0	ug/kg	50.0	ND	97	70-130	7	20	
4-Chlorotoluene	49.2	5.0	ug/kg	50.0	ND	98	65-135	6	20	
Dibromochloromethane	58.9	2.0	ug/kg	50.0	ND	118	65-145	13	25	
1,2-Dibromo-3-chloropropane	55.5	5.0	ug/kg	50.0	ND	111	50-150	35	30	*R*
1,2-Dibromoethane (EDB)	59.2	2.0	ug/kg	50.0	ND	118	65-135	14	20	
Dibromomethane	58.8	2.0	ug/kg	50.0	ND	118	65-135	17	20	
1,2-Dichlorobenzene	50.7	2.0	ug/kg	50.0	ND	101	75-130	10	20	
1,3-Dichlorobenzene	49.3	2.0	ug/kg	50.0	ND	99	70-125	8	20	
1,4-Dichlorobenzene	49.9	2.0	ug/kg	50.0	ND	100	75-130	9	20	
Dichlorodifluoromethane	27.2	5.0	ug/kg	50.0	ND	54	10-200	15	35	
1,1-Dichloroethane	51.4	2.0	ug/kg	50.0	ND	103	70-135	12	20	
1,2-Dichloroethane	56.1	2.0	ug/kg	50.0	ND	112	60-150	14	25	
1,1-Dichloroethene	49.3	5.0	ug/kg	50.0	ND	99	75-140	12	20	
cis-1,2-Dichloroethene	50.6	2.0	ug/kg	50.0	ND	101	60-135	13	20	
trans-1,2-Dichloroethene	51.9	2.0	ug/kg	50.0	ND	104	65-135	12	20	
1,2-Dichloropropane	52.4	2.0	ug/kg	50.0	ND	105	65-125	12	20	
1,3-Dichloropropane	57.4	2.0	ug/kg	50.0	ND	115	65-135	14	20	
2,2-Dichloropropane	55.1	2.0	ug/kg	50.0	ND	110	60-150	13	20	
1,1-Dichloropropene	50.9	2.0	ug/kg	50.0	ND	102	60-140	12	20	
cis-1,3-Dichloropropene	53.7	2.0	ug/kg	50.0	ND	107	65-135	13	20	
trans-1,3-Dichloropropene	56.7	2.0	ug/kg	50.0	ND	113	65-140	16	20	
Ethylbenzene	50.8	2.0	ug/kg	50.0	ND	102	70-130	8	20	
Hexachlorobutadiene	45.8	5.0	ug/kg	50.0	ND	92	65-145	8	20	
2-Hexanone	70.5	10	ug/kg	50.0	ND	141	30-160	31	35	
Isopropylbenzene	48.9	2.0	ug/kg	50.0	ND	98	60-135	7	25	
p-Isopropyltoluene	47.5	2.0	ug/kg	50.0	ND	95	60-135	5	20	
Methylene chloride	49.0	20	ug/kg	50.0	ND	98	60-145	14	25	
4-Methyl-2-pentanone (MIBK)	71.7	5.0	ug/kg	50.0	ND	143	40-155	29	30	
Methyl-tert-butyl Ether (MTBE)	68.0	5.0	ug/kg	50.0	ND	136	50-150	21	25	
Naphthalene	62.9	5.0	ug/kg	50.0	3.1	120	40-160	30	25	*R*

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23028 Extracted: 01/23/04										
Matrix Spike Dup Analyzed: 01/23/04 (4A23028-MSD1)					**Source: INA1055-03**					
n-Propylbenzene	50.2	2.0	ug/kg	50.0	ND	100	60-140	6	25	
Styrene	54.0	2.0	ug/kg	50.0	ND	108	70-145	11	20	
1,1,1,2-Tetrachloroethane	50.5	5.0	ug/kg	50.0	ND	101	65-145	9	20	
1,1,2,2-Tetrachloroethane	63.8	2.0	ug/kg	50.0	ND	128	55-150	20	25	
Tetrachloroethene	50.7	2.0	ug/kg	50.0	ND	101	70-130	10	20	
Toluene	50.7	2.0	ug/kg	50.0	ND	101	70-125	11	20	
1,2,3-Trichlorobenzene	52.9	5.0	ug/kg	50.0	1.2	103	60-135	24	20	*R*
1,2,4-Trichlorobenzene	53.0	5.0	ug/kg	50.0	ND	106	65-140	14	25	
1,1,1-Trichloroethane	51.5	2.0	ug/kg	50.0	ND	103	65-140	12	20	
1,1,2-Trichloroethane	58.8	2.0	ug/kg	50.0	ND	118	60-140	18	20	
Trichloroethene	50.5	2.0	ug/kg	50.0	ND	101	70-140	12	20	
Trichlorofluoromethane	46.6	5.0	ug/kg	50.0	ND	93	40-160	13	30	
1,2,3-Trichloropropane	62.9	10	ug/kg	50.0	ND	126	55-140	21	25	
1,2,4-Trimethylbenzene	50.0	2.0	ug/kg	50.0	ND	100	65-130	8	20	
1,3,5-Trimethylbenzene	50.0	2.0	ug/kg	50.0	ND	100	70-130	6	20	
Vinyl chloride	41.7	5.0	ug/kg	50.0	ND	83	45-130	13	30	
o-Xylene	49.1	2.0	ug/kg	50.0	ND	98	70-125	9	20	
m,p-Xylenes	101	2.0	ug/kg	100	ND	101	70-125	9	20	
Xylenes, Total	150	4.0	ug/kg	150	ND	100	70-125	9	20	
Surrogate: Dibromofluoromethane	*54.2*		*ug/kg*	*50.0*		*108*	*80-125*			
Surrogate: Toluene-d8	*58.3*		*ug/kg*	*50.0*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/kg*	*50.0*		*107*	*80-120*			
Batch: 4A24010 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24010-BLK1)										
Acetone	ND	1500	ug/kg							
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
2-Butanone (MEK)	ND	1000	ug/kg							
n-Butylbenzene	ND	250	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24010-BLK1)										
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
2-Hexanone	ND	500	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	500	ug/kg							

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24010-BLK1)										
Methyl-tert-butyl Ether (MTBE)	ND	250	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Xylenes, Total	ND	200	ug/kg							
Di-isopropyl Ether (DIPE)	ND	250	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	250	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	250	ug/kg							
tert-Butanol (TBA)	ND	2500	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	500	ug/kg							
Surrogate: Dibromofluoromethane	*3520*		*ug/kg*	*2500*		*141*	*50-160*			
Surrogate: Toluene-d8	*3360*		*ug/kg*	*2500*		*134*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*3500*		*ug/kg*	*2500*		*140*	*60-150*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Analyzed: 01/26/04 (4A24010-BS1)										
Acetone	1380	1500	ug/kg	2500		55	35-120			
Benzene	2360	100	ug/kg	2500		94	75-125			
Bromobenzene	2660	250	ug/kg	2500		106	80-120			
Bromochloromethane	2650	250	ug/kg	2500		106	65-140			
Bromodichloromethane	2720	100	ug/kg	2500		109	70-140			
Bromoform	2120	250	ug/kg	2500		85	60-130			
Bromomethane	1550	250	ug/kg	2500		62	35-140			
2-Butanone (MEK)	1700	1000	ug/kg	2500		68	45-145			
n-Butylbenzene	2760	250	ug/kg	2500		110	80-130			
sec-Butylbenzene	2770	250	ug/kg	2500		111	75-125			
tert-Butylbenzene	2710	250	ug/kg	2500		108	80-125			
Carbon tetrachloride	2540	250	ug/kg	2500		102	70-140			
Chlorobenzene	2660	100	ug/kg	2500		106	80-125			
Chloroethane	1610	250	ug/kg	2500		64	40-145			
Chloroform	2650	100	ug/kg	2500		106	75-130			
Chloromethane	1120	250	ug/kg	2500		45	30-145			
2-Chlorotoluene	2680	250	ug/kg	2500		107	75-125			
4-Chlorotoluene	2780	250	ug/kg	2500		111	80-125			
Dibromochloromethane	2310	100	ug/kg	2500		92	65-145			
1,2-Dibromo-3-chloropropane	1840	250	ug/kg	2500		74	45-135			
1,2-Dibromoethane (EDB)	2440	100	ug/kg	2500		98	75-130			
Dibromomethane	2450	100	ug/kg	2500		98	75-135			
1,2-Dichlorobenzene	2750	100	ug/kg	2500		110	80-120			
1,3-Dichlorobenzene	2710	100	ug/kg	2500		108	80-120			
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	80-120			
Dichlorodifluoromethane	429	250	ug/kg	2500		17	10-160			
1,1-Dichloroethane	2590	100	ug/kg	2500		104	70-135			
1,2-Dichloroethane	2480	100	ug/kg	2500		99	60-150			
1,1-Dichloroethene	2420	250	ug/kg	2500		97	80-145			
cis-1,2-Dichloroethene	2700	100	ug/kg	2500		108	70-135			
trans-1,2-Dichloroethene	2560	100	ug/kg	2500		102	70-135			
1,2-Dichloropropane	2480	100	ug/kg	2500		99	75-125			
1,3-Dichloropropane	2480	100	ug/kg	2500		99	75-130			
2,2-Dichloropropane	2320	100	ug/kg	2500		93	70-150			
1,1-Dichloropropene	2420	100	ug/kg	2500		97	75-130			

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10500-37240
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Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Analyzed: 01/26/04 (4A24010-BS1)										
cis-1,3-Dichloropropene	2540	100	ug/kg	2500		102	75-130			
trans-1,3-Dichloropropene	2230	100	ug/kg	2500		89	75-135			
Ethylbenzene	2680	100	ug/kg	2500		107	80-120			
Hexachlorobutadiene	2480	250	ug/kg	2500		99	75-140			
2-Hexanone	1600	500	ug/kg	2500		64	40-135			
Isopropylbenzene	2670	100	ug/kg	2500		107	75-125			
p-Isopropyltoluene	2520	100	ug/kg	2500		101	80-125			
Methylene chloride	2660	1000	ug/kg	2500		106	60-145			
4-Methyl-2-pentanone (MIBK)	1970	500	ug/kg	2500		79	50-140			
Methyl-tert-butyl Ether (MTBE)	2770	250	ug/kg	2500		111	55-150			
Naphthalene	2610	250	ug/kg	2500		104	50-145			
n-Propylbenzene	2800	100	ug/kg	2500		112	75-130			
Styrene	2600	100	ug/kg	2500		104	80-135			
1,1,1,2-Tetrachloroethane	2640	250	ug/kg	2500		106	70-145			
1,1,2,2-Tetrachloroethane	2280	100	ug/kg	2500		91	60-135			
Tetrachloroethene	2480	100	ug/kg	2500		99	80-125			
Toluene	2560	100	ug/kg	2500		102	80-125			
1,2,3-Trichlorobenzene	2830	250	ug/kg	2500		113	65-135			
1,2,4-Trichlorobenzene	2900	250	ug/kg	2500		116	70-140			
1,1,1-Trichloroethane	2610	100	ug/kg	2500		104	75-140			
1,1,2-Trichloroethane	2320	100	ug/kg	2500		93	70-130			
Trichloroethene	2530	100	ug/kg	2500		101	80-130			
Trichlorofluoromethane	2020	250	ug/kg	2500		81	55-145			
1,2,3-Trichloropropane	2110	500	ug/kg	2500		84	60-130			
1,2,4-Trimethylbenzene	2750	100	ug/kg	2500		110	80-125			
1,3,5-Trimethylbenzene	2740	100	ug/kg	2500		110	80-125			
Vinyl chloride	533	250	ug/kg	2500		21	10-120			
o-Xylene	2780	100	ug/kg	2500		111	80-125			
m,p-Xylenes	5450	100	ug/kg	5000		109	80-120			
Xylenes, Total	8230	200	ug/kg	7500		110	80-125			
Di-isopropyl Ether (DIPE)	2880	250	ug/kg	2500		115	65-145			
Ethyl tert-Butyl Ether (ETBE)	2920	250	ug/kg	2500		117	60-150			
tert-Amyl Methyl Ether (TAME)	2960	250	ug/kg	2500		118	60-150			
tert-Butanol (TBA)	13000	2500	ug/kg	12500		104	75-140			
Surrogate: Dibromofluoromethane	*2460*		*ug/kg*	*2500*		*98*	*50-160*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Analyzed: 01/26/04 (4A24010-BS1)										
Surrogate: Toluene-d8	*2390*		*ug/kg*	*2500*		*96*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2440*		*ug/kg*	*2500*		*98*	*60-150*			
LCS Dup Analyzed: 01/27/04 (4A24010-BSD1)										
Acetone	1230	1500	ug/kg	2500		49	35-120	11	30	
Benzene	2390	100	ug/kg	2500		96	75-125	1	20	
Bromobenzene	2530	250	ug/kg	2500		101	80-120	5	20	
Bromochloromethane	2630	250	ug/kg	2500		105	65-140	1	20	
Bromodichloromethane	2760	100	ug/kg	2500		110	70-140	1	20	
Bromoform	2120	250	ug/kg	2500		85	60-130	0	25	
Bromomethane	1430	250	ug/kg	2500		57	35-140	8	30	
2-Butanone (MEK)	2070	1000	ug/kg	2500		83	45-145	20	25	
n-Butylbenzene	2740	250	ug/kg	2500		110	80-130	1	20	
sec-Butylbenzene	2670	250	ug/kg	2500		107	75-125	4	20	
tert-Butylbenzene	2650	250	ug/kg	2500		106	80-125	2	20	
Carbon tetrachloride	2480	250	ug/kg	2500		99	70-140	2	20	
Chlorobenzene	2590	100	ug/kg	2500		104	80-125	3	20	
Chloroethane	1320	250	ug/kg	2500		53	40-145	20	25	
Chloroform	2670	100	ug/kg	2500		107	75-130	1	20	
Chloromethane	797	250	ug/kg	2500		32	30-145	34	25	*R-7*
2-Chlorotoluene	2690	250	ug/kg	2500		108	75-125	0	20	
4-Chlorotoluene	2790	250	ug/kg	2500		112	80-125	0	20	
Dibromochloromethane	2340	100	ug/kg	2500		94	65-145	1	20	
1,2-Dibromo-3-chloropropane	1990	250	ug/kg	2500		80	45-135	8	25	
1,2-Dibromoethane (EDB)	2570	100	ug/kg	2500		103	75-130	5	20	
Dibromomethane	2510	100	ug/kg	2500		100	75-135	2	20	
1,2-Dichlorobenzene	2650	100	ug/kg	2500		106	80-120	4	20	
1,3-Dichlorobenzene	2640	100	ug/kg	2500		106	80-120	3	20	
1,4-Dichlorobenzene	2600	100	ug/kg	2500		104	80-120	3	20	
Dichlorodifluoromethane	256	250	ug/kg	2500		10	10-160	51	30	*R-7*
1,1-Dichloroethane	2500	100	ug/kg	2500		100	70-135	4	20	
1,2-Dichloroethane	2530	100	ug/kg	2500		101	60-150	2	25	
1,1-Dichloroethene	2370	250	ug/kg	2500		95	80-145	2	20	
cis-1,2-Dichloroethene	2660	100	ug/kg	2500		106	70-135	1	20	
trans-1,2-Dichloroethene	2570	100	ug/kg	2500		103	70-135	0	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Dup Analyzed: 01/27/04 (4A24010-BSD1)										
1,2-Dichloropropane	2460	100	ug/kg	2500		98	75-125	1	20	
1,3-Dichloropropane	2590	100	ug/kg	2500		104	75-130	4	20	
2,2-Dichloropropane	2790	100	ug/kg	2500		112	70-150	18	20	
1,1-Dichloropropene	2480	100	ug/kg	2500		99	75-130	2	20	
cis-1,3-Dichloropropene	2780	100	ug/kg	2500		111	75-130	9	20	
trans-1,3-Dichloropropene	2460	100	ug/kg	2500		98	75-135	10	20	
Ethylbenzene	2640	100	ug/kg	2500		106	80-120	2	20	
Hexachlorobutadiene	2000	250	ug/kg	2500		80	75-140	21	20	*R-7*
2-Hexanone	1940	500	ug/kg	2500		78	40-135	19	25	
Isopropylbenzene	2650	100	ug/kg	2500		106	75-125	1	20	
p-Isopropyltoluene	2470	100	ug/kg	2500		99	80-125	2	20	
Methylene chloride	2690	1000	ug/kg	2500		108	60-145	1	20	
4-Methyl-2-pentanone (MIBK)	2170	500	ug/kg	2500		87	50-140	10	25	
Methyl-tert-butyl Ether (MTBE)	2970	250	ug/kg	2500		119	55-150	7	25	
Naphthalene	2410	250	ug/kg	2500		96	50-145	8	25	
n-Propylbenzene	2790	100	ug/kg	2500		112	75-130	0	20	
Styrene	2530	100	ug/kg	2500		101	80-135	3	20	
1,1,1,2-Tetrachloroethane	2560	250	ug/kg	2500		102	70-145	3	20	
1,1,2,2-Tetrachloroethane	2660	100	ug/kg	2500		106	60-135	15	25	
Tetrachloroethene	2330	100	ug/kg	2500		93	80-125	6	20	
Toluene	2510	100	ug/kg	2500		100	80-125	2	20	
1,2,3-Trichlorobenzene	2450	250	ug/kg	2500		98	65-135	14	20	
1,2,4-Trichlorobenzene	2570	250	ug/kg	2500		103	70-140	12	20	
1,1,1-Trichloroethane	2630	100	ug/kg	2500		105	75-140	1	20	
1,1,2-Trichloroethane	2510	100	ug/kg	2500		100	70-130	8	20	
Trichloroethene	2350	100	ug/kg	2500		94	80-130	7	20	
Trichlorofluoromethane	1840	250	ug/kg	2500		74	55-145	9	25	
1,2,3-Trichloropropane	2420	500	ug/kg	2500		97	60-130	14	20	
1,2,4-Trimethylbenzene	2680	100	ug/kg	2500		107	80-125	3	20	
1,3,5-Trimethylbenzene	2730	100	ug/kg	2500		109	80-125	0	20	
Vinyl chloride	491	250	ug/kg	2500		20	10-120	8	30	
o-Xylene	2710	100	ug/kg	2500		108	80-125	3	20	
m,p-Xylenes	5320	100	ug/kg	5000		106	80-120	2	20	
Xylenes, Total	8040	200	ug/kg	7500		107	80-125	2	20	
Di-isopropyl Ether (DIPE)	2670	250	ug/kg	2500		107	65-145	8	20	

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
LCS Dup Analyzed: 01/27/04 (4A24010-BSD1)										
Ethyl tert-Butyl Ether (ETBE)	2830	250	ug/kg	2500		113	60-150	3	25	
tert-Amyl Methyl Ether (TAME)	3110	250	ug/kg	2500		124	60-150	5	25	
tert-Butanol (TBA)	11800	2500	ug/kg	12500		94	75-140	10	20	
Surrogate: Dibromofluoromethane	*2400*		*ug/kg*	*2500*		*96*	*50-160*			
Surrogate: Toluene-d8	*2400*		*ug/kg*	*2500*		*96*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2490*		*ug/kg*	*2500*		*100*	*60-150*			
Matrix Spike Analyzed: 01/24/04 (4A24010-MS1)					**Source: INA1168-03**					
Acetone	1660	1500	ug/kg	2500	ND	66	20-150			
Benzene	2740	100	ug/kg	2500	ND	110	60-140			
Bromobenzene	2820	250	ug/kg	2500	ND	113	65-130			
Bromochloromethane	2760	250	ug/kg	2500	ND	110	60-145			
Bromodichloromethane	2930	100	ug/kg	2500	ND	117	65-150			
Bromoform	2410	250	ug/kg	2500	ND	96	55-150			
Bromomethane	1590	250	ug/kg	2500	ND	64	30-160			
2-Butanone (MEK)	2250	1000	ug/kg	2500	ND	90	15-180			
n-Butylbenzene	3040	250	ug/kg	2500	ND	122	60-150			
sec-Butylbenzene	2980	250	ug/kg	2500	340	106	65-145			
tert-Butylbenzene	3080	250	ug/kg	2500	ND	123	60-150			
Carbon tetrachloride	2810	250	ug/kg	2500	ND	112	70-140			
Chlorobenzene	2810	100	ug/kg	2500	ND	112	70-140			
Chloroethane	1760	250	ug/kg	2500	ND	70	30-170			
Chloroform	2860	100	ug/kg	2500	ND	114	60-140			
Chloromethane	1580	250	ug/kg	2500	ND	63	30-160			
2-Chlorotoluene	2930	250	ug/kg	2500	ND	117	60-140			
4-Chlorotoluene	3020	250	ug/kg	2500	ND	121	70-135			
Dibromochloromethane	2740	100	ug/kg	2500	ND	110	60-150			
1,2-Dibromo-3-chloropropane	2410	250	ug/kg	2500	ND	96	40-150			
1,2-Dibromoethane (EDB)	2610	100	ug/kg	2500	ND	104	65-140			
Dibromomethane	2700	100	ug/kg	2500	ND	108	65-140			
1,2-Dichlorobenzene	2730	100	ug/kg	2500	ND	109	70-130			
1,3-Dichlorobenzene	2720	100	ug/kg	2500	ND	109	60-155			
1,4-Dichlorobenzene	2730	100	ug/kg	2500	ND	109	55-150			
Dichlorodifluoromethane	647	250	ug/kg	2500	ND	26	10-160			
1,1-Dichloroethane	2790	100	ug/kg	2500	ND	112	60-155			

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10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24010-MS1)					**Source: INA1168-03**					
1,2-Dichloroethane	2650	100	ug/kg	2500	ND	106	55-150			
1,1-Dichloroethene	2600	250	ug/kg	2500	ND	104	60-165			
cis-1,2-Dichloroethene	2760	100	ug/kg	2500	ND	110	60-135			
trans-1,2-Dichloroethene	2780	100	ug/kg	2500	ND	111	50-155			
1,2-Dichloropropane	2790	100	ug/kg	2500	ND	112	65-135			
1,3-Dichloropropane	2610	100	ug/kg	2500	ND	104	65-135			
2,2-Dichloropropane	2960	100	ug/kg	2500	ND	118	60-150			
1,1-Dichloropropene	2830	100	ug/kg	2500	ND	113	60-140			
cis-1,3-Dichloropropene	2960	100	ug/kg	2500	ND	118	60-135			
trans-1,3-Dichloropropene	2940	100	ug/kg	2500	ND	118	55-155			
Ethylbenzene	3350	100	ug/kg	2500	1400	78	60-140			
Hexachlorobutadiene	2700	250	ug/kg	2500	ND	108	65-145			
2-Hexanone	2010	500	ug/kg	2500	ND	80	35-160			
Isopropylbenzene	3020	100	ug/kg	2500	450	103	60-140			
p-Isopropyltoluene	2810	100	ug/kg	2500	91	109	60-145			
Methylene chloride	2670	1000	ug/kg	2500	ND	107	50-155			
4-Methyl-2-pentanone (MIBK)	2550	500	ug/kg	2500	ND	102	40-150			
Methyl-tert-butyl Ether (MTBE)	2710	250	ug/kg	2500	ND	108	45-160			
Naphthalene	2620	250	ug/kg	2500	280	94	30-165			
n-Propylbenzene	3310	100	ug/kg	2500	1800	60	60-145			
Styrene	3040	100	ug/kg	2500	ND	122	60-145			
1,1,1,2-Tetrachloroethane	2760	250	ug/kg	2500	ND	110	65-145			
1,1,2,2-Tetrachloroethane	2520	100	ug/kg	2500	ND	101	60-150			
Tetrachloroethene	2790	100	ug/kg	2500	ND	112	65-145			
Toluene	2750	100	ug/kg	2500	ND	110	60-145			
1,2,3-Trichlorobenzene	2670	250	ug/kg	2500	ND	107	45-145			
1,2,4-Trichlorobenzene	2770	250	ug/kg	2500	ND	111	60-140			
1,1,1-Trichloroethane	2790	100	ug/kg	2500	ND	112	65-140			
1,1,2-Trichloroethane	2640	100	ug/kg	2500	ND	106	60-140			
Trichloroethene	2800	100	ug/kg	2500	ND	112	70-150			
Trichlorofluoromethane	2320	250	ug/kg	2500	ND	93	35-165			
1,2,3-Trichloropropane	2400	500	ug/kg	2500	ND	96	50-150			
1,2,4-Trimethylbenzene	3140	100	ug/kg	2500	670	99	70-135			
1,3,5-Trimethylbenzene	2980	100	ug/kg	2500	110	115	70-135			
Vinyl chloride	927	250	ug/kg	2500	ND	37	10-120			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24010-MS1)					**Source: INA1168-03**					
o-Xylene	2880	100	ug/kg	2500	ND	115	60-145			
m,p-Xylenes	5790	100	ug/kg	5000	ND	116	60-140			
Xylenes, Total	8660	200	ug/kg	7500	ND	115	60-145			
Di-isopropyl Ether (DIPE)	3010	250	ug/kg	2500	ND	120	50-160			
Ethyl tert-Butyl Ether (ETBE)	3000	250	ug/kg	2500	ND	120	60-160			
tert-Amyl Methyl Ether (TAME)	3010	250	ug/kg	2500	ND	120	55-160			
tert-Butanol (TBA)	14500	2500	ug/kg	12500	ND	116	60-160			
Surrogate: Dibromofluoromethane	*2570*		*ug/kg*	*2500*		*103*	*50-160*			
Surrogate: Toluene-d8	*2590*		*ug/kg*	*2500*		*104*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2590*		*ug/kg*	*2500*		*104*	*60-150*			
Matrix Spike Dup Analyzed: 01/24/04 (4A24010-MSD1)					**Source: INA1168-03**					
Acetone	1730	1500	ug/kg	2500	ND	69	20-150	4	35	
Benzene	2890	100	ug/kg	2500	ND	116	60-140	5	25	
Bromobenzene	3000	250	ug/kg	2500	ND	120	65-130	6	25	
Bromochloromethane	2910	250	ug/kg	2500	ND	116	60-145	5	25	
Bromodichloromethane	3060	100	ug/kg	2500	ND	122	65-150	4	25	
Bromoform	2520	250	ug/kg	2500	ND	101	55-150	4	30	
Bromomethane	1660	250	ug/kg	2500	ND	66	30-160	4	30	
2-Butanone (MEK)	2290	1000	ug/kg	2500	ND	92	15-180	2	50	
n-Butylbenzene	3390	250	ug/kg	2500	ND	136	60-150	11	25	
sec-Butylbenzene	3290	250	ug/kg	2500	340	118	65-145	10	25	
tert-Butylbenzene	3330	250	ug/kg	2500	ND	133	60-150	8	20	
Carbon tetrachloride	2910	250	ug/kg	2500	ND	116	70-140	3	20	
Chlorobenzene	2960	100	ug/kg	2500	ND	118	70-140	5	25	
Chloroethane	1830	250	ug/kg	2500	ND	73	30-170	4	35	
Chloroform	2960	100	ug/kg	2500	ND	118	60-140	3	25	
Chloromethane	1610	250	ug/kg	2500	ND	64	30-160	2	30	
2-Chlorotoluene	3160	250	ug/kg	2500	ND	126	60-140	8	25	
4-Chlorotoluene	3240	250	ug/kg	2500	ND	130	70-135	7	20	
Dibromochloromethane	2900	100	ug/kg	2500	ND	116	60-150	6	25	
1,2-Dibromo-3-chloropropane	2770	250	ug/kg	2500	ND	111	40-150	14	30	
1,2-Dibromoethane (EDB)	2740	100	ug/kg	2500	ND	110	65-140	5	25	
Dibromomethane	2780	100	ug/kg	2500	ND	111	65-140	3	20	
1,2-Dichlorobenzene	2900	100	ug/kg	2500	ND	116	70-130	6	20	

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24010-MSD1)					**Source: INA1168-03**					
1,3-Dichlorobenzene	2900	100	ug/kg	2500	ND	116	60-155	6	25	
1,4-Dichlorobenzene	2890	100	ug/kg	2500	ND	116	55-150	6	25	
Dichlorodifluoromethane	653	250	ug/kg	2500	ND	26	10-160	1	35	
1,1-Dichloroethane	2920	100	ug/kg	2500	ND	117	60-155	5	25	
1,2-Dichloroethane	2780	100	ug/kg	2500	ND	111	55-150	5	30	
1,1-Dichloroethene	2700	250	ug/kg	2500	ND	108	60-165	4	25	
cis-1,2-Dichloroethene	2910	100	ug/kg	2500	ND	116	60-135	5	25	
trans-1,2-Dichloroethene	2910	100	ug/kg	2500	ND	116	50-155	5	25	
1,2-Dichloropropane	2930	100	ug/kg	2500	ND	117	65-135	5	20	
1,3-Dichloropropane	2720	100	ug/kg	2500	ND	109	65-135	4	20	
2,2-Dichloropropane	3110	100	ug/kg	2500	ND	124	60-150	5	20	
1,1-Dichloropropene	2950	100	ug/kg	2500	ND	118	60-140	4	20	
cis-1,3-Dichloropropene	3120	100	ug/kg	2500	ND	125	60-135	5	25	
trans-1,3-Dichloropropene	3100	100	ug/kg	2500	ND	124	55-155	5	25	
Ethylbenzene	4200	100	ug/kg	2500	1400	112	60-140	23	25	
Hexachlorobutadiene	2880	250	ug/kg	2500	ND	115	65-145	6	25	
2-Hexanone	1300	500	ug/kg	2500	ND	52	35-160	43	30	*R*
Isopropylbenzene	3390	100	ug/kg	2500	450	118	60-140	12	25	
p-Isopropyltoluene	3010	100	ug/kg	2500	91	117	60-145	7	25	
Methylene chloride	2760	1000	ug/kg	2500	ND	110	50-155	3	25	
4-Methyl-2-pentanone (MIBK)	2600	500	ug/kg	2500	ND	104	40-150	2	30	
Methyl-tert-butyl Ether (MTBE)	2920	250	ug/kg	2500	ND	117	45-160	7	30	
Naphthalene	2830	250	ug/kg	2500	280	102	30-165	8	30	
n-Propylbenzene	4190	100	ug/kg	2500	1800	96	60-145	23	25	
Styrene	3220	100	ug/kg	2500	ND	129	60-145	6	20	
1,1,1,2-Tetrachloroethane	2930	250	ug/kg	2500	ND	117	65-145	6	20	
1,1,2,2-Tetrachloroethane	2630	100	ug/kg	2500	ND	105	60-150	4	20	
Tetrachloroethene	2920	100	ug/kg	2500	ND	117	65-145	5	25	
Toluene	2910	100	ug/kg	2500	ND	116	60-145	6	25	
1,2,3-Trichlorobenzene	2750	250	ug/kg	2500	ND	110	45-145	3	30	
1,2,4-Trichlorobenzene	2900	250	ug/kg	2500	ND	116	60-140	5	25	
1,1,1-Trichloroethane	2960	100	ug/kg	2500	ND	118	65-140	6	25	
1,1,2-Trichloroethane	2800	100	ug/kg	2500	ND	112	60-140	6	20	
Trichloroethene	2910	100	ug/kg	2500	ND	116	70-150	4	25	
Trichlorofluoromethane	2390	250	ug/kg	2500	ND	96	35-165	3	30	

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24010 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24010-MSD1)					**Source: INA1168-03**					
1,2,3-Trichloropropane	2510	500	ug/kg	2500	ND	100	50-150	4	20	
1,2,4-Trimethylbenzene	3390	100	ug/kg	2500	670	109	70-135	8	20	
1,3,5-Trimethylbenzene	3190	100	ug/kg	2500	110	123	70-135	7	25	
Vinyl chloride	968	250	ug/kg	2500	ND	39	10-120	4	35	
o-Xylene	3050	100	ug/kg	2500	ND	122	60-145	6	25	
m,p-Xylenes	6120	100	ug/kg	5000	ND	122	60-140	6	25	
Xylenes, Total	9170	200	ug/kg	7500	ND	122	60-145	6	30	
Di-isopropyl Ether (DIPE)	3310	250	ug/kg	2500	ND	132	50-160	9	25	
Ethyl tert-Butyl Ether (ETBE)	3220	250	ug/kg	2500	ND	129	60-160	7	25	
tert-Amyl Methyl Ether (TAME)	3180	250	ug/kg	2500	ND	127	55-160	5	25	
tert-Butanol (TBA)	17400	2500	ug/kg	12500	ND	139	60-160	18	25	
Surrogate: Dibromofluoromethane	*2680*		*ug/kg*	*2500*		*107*	*50-160*			
Surrogate: Toluene-d8	*2730*		*ug/kg*	*2500*		*109*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2780*		*ug/kg*	*2500*		*111*	*60-150*			
Batch: 4A24012 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24012-BLK1)										
Acetone	ND	10	ug/kg							
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
2-Butanone (MEK)	ND	10	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24012-BLK1)										
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
2-Hexanone	ND	10	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	6.48	2.0	ug/kg							*B-1*
Toluene	ND	2.0	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Blank Analyzed: 01/24/04 (4A24012-BLK1)										
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Xylenes, Total	ND	4.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	10	ug/kg							
Surrogate: Dibromofluoromethane	*52.8*		*ug/kg*	*50.0*		*106*	*80-125*			
Surrogate: Toluene-d8	*58.3*		*ug/kg*	*50.0*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*50.4*		*ug/kg*	*50.0*		*101*	*80-120*			
LCS Analyzed: 01/24/04 (4A24012-BS1)										
Acetone	34.8	10	ug/kg	50.0		70	40-155			
Benzene	52.7	2.0	ug/kg	50.0		105	70-120			
Bromobenzene	55.4	5.0	ug/kg	50.0		111	80-120			
Bromochloromethane	54.4	5.0	ug/kg	50.0		109	65-135			
Bromodichloromethane	57.8	2.0	ug/kg	50.0		116	70-140			
Bromoform	46.8	5.0	ug/kg	50.0		94	60-140			
Bromomethane	57.3	5.0	ug/kg	50.0		115	60-140			
2-Butanone (MEK)	46.1	10	ug/kg	50.0		92	50-145			
n-Butylbenzene	57.7	5.0	ug/kg	50.0		115	75-130			
sec-Butylbenzene	57.3	5.0	ug/kg	50.0		115	75-125			
tert-Butylbenzene	55.7	5.0	ug/kg	50.0		111	80-125			
Carbon tetrachloride	60.0	5.0	ug/kg	50.0		120	70-140			
Chlorobenzene	56.4	2.0	ug/kg	50.0		113	80-125			
Chloroethane	55.3	5.0	ug/kg	50.0		111	55-145			
Chloroform	56.6	2.0	ug/kg	50.0		113	75-120			
Chloromethane	52.4	5.0	ug/kg	50.0		105	35-145			

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
LCS Analyzed: 01/24/04 (4A24012-BS1)										
2-Chlorotoluene	56.2	5.0	ug/kg	50.0		112	75-125			
4-Chlorotoluene	56.3	5.0	ug/kg	50.0		113	80-125			
Dibromochloromethane	57.0	2.0	ug/kg	50.0		114	65-145			
1,2-Dibromo-3-chloropropane	37.7	5.0	ug/kg	50.0		75	50-150			
1,2-Dibromoethane (EDB)	54.2	2.0	ug/kg	50.0		108	70-130			
Dibromomethane	53.8	2.0	ug/kg	50.0		108	70-130			
1,2-Dichlorobenzene	53.2	2.0	ug/kg	50.0		106	80-125			
1,3-Dichlorobenzene	54.3	2.0	ug/kg	50.0		109	80-120			
1,4-Dichlorobenzene	54.7	2.0	ug/kg	50.0		109	80-120			
Dichlorodifluoromethane	46.9	5.0	ug/kg	50.0		94	10-160			
1,1-Dichloroethane	56.1	2.0	ug/kg	50.0		112	70-135			
1,2-Dichloroethane	55.2	2.0	ug/kg	50.0		110	60-150			
1,1-Dichloroethene	56.5	5.0	ug/kg	50.0		113	75-130			
cis-1,2-Dichloroethene	54.9	2.0	ug/kg	50.0		110	70-125			
trans-1,2-Dichloroethene	57.8	2.0	ug/kg	50.0		116	70-130			
1,2-Dichloropropane	55.7	2.0	ug/kg	50.0		111	70-120			
1,3-Dichloropropane	53.7	2.0	ug/kg	50.0		107	70-130			
2,2-Dichloropropane	62.2	2.0	ug/kg	50.0		124	70-150			
1,1-Dichloropropene	57.4	2.0	ug/kg	50.0		115	75-130			
cis-1,3-Dichloropropene	55.4	2.0	ug/kg	50.0		111	75-130			
trans-1,3-Dichloropropene	54.2	2.0	ug/kg	50.0		108	70-135			
Ethylbenzene	57.2	2.0	ug/kg	50.0		114	75-125			
Hexachlorobutadiene	53.4	5.0	ug/kg	50.0		107	75-140			
2-Hexanone	48.1	10	ug/kg	50.0		96	40-155			
Isopropylbenzene	56.6	2.0	ug/kg	50.0		113	75-125			
p-Isopropyltoluene	55.8	2.0	ug/kg	50.0		112	75-125			
Methylene chloride	51.9	20	ug/kg	50.0		104	60-135			
4-Methyl-2-pentanone (MIBK)	50.2	5.0	ug/kg	50.0		100	50-145			
Methyl-tert-butyl Ether (MTBE)	56.6	5.0	ug/kg	50.0		113	55-145			
Naphthalene	46.1	5.0	ug/kg	50.0		92	50-145			
n-Propylbenzene	58.8	2.0	ug/kg	50.0		118	75-130			
Styrene	58.7	2.0	ug/kg	50.0		117	80-135			
1,1,1,2-Tetrachloroethane	53.3	5.0	ug/kg	50.0		107	70-145			
1,1,2,2-Tetrachloroethane	52.6	2.0	ug/kg	50.0		105	55-145			
Tetrachloroethene	57.5	2.0	ug/kg	50.0		115	80-125			

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10500-37240
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Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
LCS Analyzed: 01/24/04 (4A24012-BS1)										
Toluene	55.6	2.0	ug/kg	50.0		111	75-120			
1,2,3-Trichlorobenzene	44.8	5.0	ug/kg	50.0		90	65-135			
1,2,4-Trichlorobenzene	53.2	5.0	ug/kg	50.0		106	70-140			
1,1,1-Trichloroethane	57.6	2.0	ug/kg	50.0		115	75-140			
1,1,2-Trichloroethane	53.4	2.0	ug/kg	50.0		107	65-130			
Trichloroethene	55.4	2.0	ug/kg	50.0		111	75-125			
Trichlorofluoromethane	56.0	5.0	ug/kg	50.0		112	50-145			
1,2,3-Trichloropropane	50.8	10	ug/kg	50.0		102	55-140			
1,2,4-Trimethylbenzene	57.3	2.0	ug/kg	50.0		115	75-125			
1,3,5-Trimethylbenzene	58.0	2.0	ug/kg	50.0		116	80-125			
Vinyl chloride	53.9	5.0	ug/kg	50.0		108	45-130			
o-Xylene	54.7	2.0	ug/kg	50.0		109	75-125			
m,p-Xylenes	112	2.0	ug/kg	100		112	75-125			
Xylenes, Total	167	4.0	ug/kg	150		111	75-125			
Surrogate: Dibromofluoromethane	*50.3*		*ug/kg*	*50.0*		*101*	*80-125*			
Surrogate: Toluene-d8	*57.8*		*ug/kg*	*50.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.6*		*ug/kg*	*50.0*		*105*	*80-120*			
Matrix Spike Analyzed: 01/24/04 (4A24012-MS1)					**Source: INA1055-18**					
Acetone	49.5	10	ug/kg	50.0	ND	99	10-155			
Benzene	48.4	2.0	ug/kg	50.0	ND	97	65-130			
Bromobenzene	51.5	5.0	ug/kg	50.0	ND	103	70-130			
Bromochloromethane	56.2	5.0	ug/kg	50.0	ND	112	60-145			
Bromodichloromethane	56.2	2.0	ug/kg	50.0	ND	112	70-145			
Bromoform	55.1	5.0	ug/kg	50.0	ND	110	60-145			
Bromomethane	49.8	5.0	ug/kg	50.0	ND	100	50-150			
2-Butanone (MEK)	62.6	10	ug/kg	50.0	ND	125	15-180			
n-Butylbenzene	48.3	5.0	ug/kg	50.0	ND	97	60-140			
sec-Butylbenzene	48.4	5.0	ug/kg	50.0	ND	97	65-135			
tert-Butylbenzene	47.2	5.0	ug/kg	50.0	ND	94	70-130			
Carbon tetrachloride	53.4	5.0	ug/kg	50.0	ND	107	70-140			
Chlorobenzene	51.3	2.0	ug/kg	50.0	ND	103	80-130			
Chloroethane	49.0	5.0	ug/kg	50.0	ND	98	50-150			
Chloroform	53.0	2.0	ug/kg	50.0	ND	106	70-130			
Chloromethane	46.4	5.0	ug/kg	50.0	ND	93	30-150			

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Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24012-MS1)					**Source: INA1055-18**					
2-Chlorotoluene	48.6	5.0	ug/kg	50.0	ND	97	70-130			
4-Chlorotoluene	49.8	5.0	ug/kg	50.0	ND	100	65-135			
Dibromochloromethane	60.0	2.0	ug/kg	50.0	ND	120	65-145			
1,2-Dibromo-3-chloropropane	52.9	5.0	ug/kg	50.0	ND	106	50-150			
1,2-Dibromoethane (EDB)	62.4	2.0	ug/kg	50.0	ND	125	65-135			
Dibromomethane	60.6	2.0	ug/kg	50.0	ND	121	65-135			
1,2-Dichlorobenzene	49.9	2.0	ug/kg	50.0	ND	100	75-130			
1,3-Dichlorobenzene	49.0	2.0	ug/kg	50.0	ND	98	70-125			
1,4-Dichlorobenzene	49.8	2.0	ug/kg	50.0	ND	100	75-130			
Dichlorodifluoromethane	41.6	5.0	ug/kg	50.0	ND	83	10-200			
1,1-Dichloroethane	51.7	2.0	ug/kg	50.0	ND	103	70-135			
1,2-Dichloroethane	58.4	2.0	ug/kg	50.0	ND	117	60-150			
1,1-Dichloroethene	50.9	5.0	ug/kg	50.0	ND	102	75-140			
cis-1,2-Dichloroethene	50.8	2.0	ug/kg	50.0	ND	102	60-135			
trans-1,2-Dichloroethene	52.1	2.0	ug/kg	50.0	ND	104	65-135			
1,2-Dichloropropane	53.5	2.0	ug/kg	50.0	ND	107	65-125			
1,3-Dichloropropane	58.8	2.0	ug/kg	50.0	ND	118	65-135			
2,2-Dichloropropane	54.1	2.0	ug/kg	50.0	ND	108	60-150			
1,1-Dichloropropene	51.1	2.0	ug/kg	50.0	ND	102	60-140			
cis-1,3-Dichloropropene	53.5	2.0	ug/kg	50.0	ND	107	65-135			
trans-1,3-Dichloropropene	57.0	2.0	ug/kg	50.0	ND	114	65-140			
Ethylbenzene	51.4	2.0	ug/kg	50.0	ND	103	70-130			
Hexachlorobutadiene	42.2	5.0	ug/kg	50.0	ND	84	65-145			
2-Hexanone	72.0	10	ug/kg	50.0	ND	144	30-160			
Isopropylbenzene	48.6	2.0	ug/kg	50.0	ND	97	60-135			
p-Isopropyltoluene	47.1	2.0	ug/kg	50.0	ND	94	60-135			
Methylene chloride	50.4	20	ug/kg	50.0	ND	101	60-145			
4-Methyl-2-pentanone (MIBK)	74.0	5.0	ug/kg	50.0	ND	148	40-155			
Methyl-tert-butyl Ether (MTBE)	69.3	5.0	ug/kg	50.0	2.7	133	50-150			
Naphthalene	57.5	5.0	ug/kg	50.0	ND	115	40-160			
n-Propylbenzene	50.2	2.0	ug/kg	50.0	ND	100	60-140			
Styrene	54.0	2.0	ug/kg	50.0	ND	108	70-145			
1,1,1,2-Tetrachloroethane	51.2	5.0	ug/kg	50.0	ND	102	65-145			
1,1,2,2-Tetrachloroethane	62.6	2.0	ug/kg	50.0	ND	125	55-150			
Tetrachloroethene	50.8	2.0	ug/kg	50.0	33	36	70-130			*M2*

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Matrix Spike Analyzed: 01/24/04 (4A24012-MS1)					**Source: INA1055-18**					
Toluene	51.0	2.0	ug/kg	50.0	ND	102	70-125			
1,2,3-Trichlorobenzene	46.5	5.0	ug/kg	50.0	ND	93	60-135			
1,2,4-Trichlorobenzene	49.7	5.0	ug/kg	50.0	ND	99	65-140			
1,1,1-Trichloroethane	51.7	2.0	ug/kg	50.0	0.46	102	65-140			
1,1,2-Trichloroethane	60.6	2.0	ug/kg	50.0	ND	121	60-140			
Trichloroethene	51.9	2.0	ug/kg	50.0	ND	104	70-140			
Trichlorofluoromethane	50.7	5.0	ug/kg	50.0	ND	101	40-160			
1,2,3-Trichloropropane	64.2	10	ug/kg	50.0	ND	128	55-140			
1,2,4-Trimethylbenzene	49.2	2.0	ug/kg	50.0	ND	98	65-130			
1,3,5-Trimethylbenzene	49.1	2.0	ug/kg	50.0	ND	98	70-130			
Vinyl chloride	49.1	5.0	ug/kg	50.0	ND	98	45-130			
o-Xylene	49.3	2.0	ug/kg	50.0	ND	99	70-125			
m,p-Xylenes	100	2.0	ug/kg	100	ND	100	70-125			
Xylenes, Total	149	4.0	ug/kg	150	ND	99	70-125			
Surrogate: Dibromofluoromethane	*52.9*		*ug/kg*	*50.0*		*106*	*80-125*			
Surrogate: Toluene-d8	*58.4*		*ug/kg*	*50.0*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.8*		*ug/kg*	*50.0*		*108*	*80-120*			
Matrix Spike Dup Analyzed: 01/24/04 (4A24012-MSD1)					**Source: INA1055-18**					
Acetone	53.2	10	ug/kg	50.0	ND	106	10-155	7	35	
Benzene	49.5	2.0	ug/kg	50.0	ND	99	65-130	2	20	
Bromobenzene	53.0	5.0	ug/kg	50.0	ND	106	70-130	3	20	
Bromochloromethane	58.2	5.0	ug/kg	50.0	ND	116	60-145	3	25	
Bromodichloromethane	57.3	2.0	ug/kg	50.0	ND	115	70-145	2	20	
Bromoform	56.8	5.0	ug/kg	50.0	ND	114	60-145	3	25	
Bromomethane	51.1	5.0	ug/kg	50.0	ND	102	50-150	3	25	
2-Butanone (MEK)	68.8	10	ug/kg	50.0	ND	138	15-180	9	50	
n-Butylbenzene	48.3	5.0	ug/kg	50.0	ND	97	60-140	0	25	
sec-Butylbenzene	49.1	5.0	ug/kg	50.0	ND	98	65-135	1	20	
tert-Butylbenzene	48.6	5.0	ug/kg	50.0	ND	97	70-130	3	20	
Carbon tetrachloride	53.7	5.0	ug/kg	50.0	ND	107	70-140	1	20	
Chlorobenzene	51.6	2.0	ug/kg	50.0	ND	103	80-130	1	20	
Chloroethane	49.4	5.0	ug/kg	50.0	ND	99	50-150	1	30	
Chloroform	53.9	2.0	ug/kg	50.0	ND	108	70-130	2	20	
Chloromethane	47.5	5.0	ug/kg	50.0	ND	95	30-150	2	30	

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Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24012-MSD1)					**Source: INA1055-18**					
2-Chlorotoluene	50.0	5.0	ug/kg	50.0	ND	100	70-130	3	20	
4-Chlorotoluene	50.9	5.0	ug/kg	50.0	ND	102	65-135	2	20	
Dibromochloromethane	62.2	2.0	ug/kg	50.0	ND	124	65-145	4	25	
1,2-Dibromo-3-chloropropane	60.4	5.0	ug/kg	50.0	ND	121	50-150	13	30	
1,2-Dibromoethane (EDB)	63.1	2.0	ug/kg	50.0	ND	126	65-135	1	20	
Dibromomethane	62.0	2.0	ug/kg	50.0	ND	124	65-135	2	20	
1,2-Dichlorobenzene	51.5	2.0	ug/kg	50.0	ND	103	75-130	3	20	
1,3-Dichlorobenzene	49.9	2.0	ug/kg	50.0	ND	100	70-125	2	20	
1,4-Dichlorobenzene	49.8	2.0	ug/kg	50.0	ND	100	75-130	0	20	
Dichlorodifluoromethane	42.1	5.0	ug/kg	50.0	ND	84	10-200	1	35	
1,1-Dichloroethane	53.2	2.0	ug/kg	50.0	ND	106	70-135	3	20	
1,2-Dichloroethane	58.7	2.0	ug/kg	50.0	ND	117	60-150	1	25	
1,1-Dichloroethene	51.8	5.0	ug/kg	50.0	ND	104	75-140	2	20	
cis-1,2-Dichloroethene	51.9	2.0	ug/kg	50.0	ND	104	60-135	2	20	
trans-1,2-Dichloroethene	53.6	2.0	ug/kg	50.0	ND	107	65-135	3	20	
1,2-Dichloropropane	54.4	2.0	ug/kg	50.0	ND	109	65-125	2	20	
1,3-Dichloropropane	58.8	2.0	ug/kg	50.0	ND	118	65-135	0	20	
2,2-Dichloropropane	54.9	2.0	ug/kg	50.0	ND	110	60-150	1	20	
1,1-Dichloropropene	51.8	2.0	ug/kg	50.0	ND	104	60-140	1	20	
cis-1,3-Dichloropropene	55.3	2.0	ug/kg	50.0	ND	111	65-135	3	20	
trans-1,3-Dichloropropene	58.9	2.0	ug/kg	50.0	ND	118	65-140	3	20	
Ethylbenzene	50.9	2.0	ug/kg	50.0	ND	102	70-130	1	20	
Hexachlorobutadiene	43.0	5.0	ug/kg	50.0	ND	86	65-145	2	20	
2-Hexanone	76.7	10	ug/kg	50.0	ND	153	30-160	6	35	
Isopropylbenzene	50.3	2.0	ug/kg	50.0	ND	101	60-135	3	25	
p-Isopropyltoluene	47.3	2.0	ug/kg	50.0	ND	95	60-135	0	20	
Methylene chloride	51.6	20	ug/kg	50.0	ND	103	60-145	2	25	
4-Methyl-2-pentanone (MIBK)	79.4	5.0	ug/kg	50.0	ND	159	40-155	7	30	*M1*
Methyl-tert-butyl Ether (MTBE)	73.0	5.0	ug/kg	50.0	2.7	141	50-150	5	25	
Naphthalene	62.0	5.0	ug/kg	50.0	ND	124	40-160	8	25	
n-Propylbenzene	52.0	2.0	ug/kg	50.0	ND	104	60-140	4	25	
Styrene	54.2	2.0	ug/kg	50.0	ND	108	70-145	0	20	
1,1,1,2-Tetrachloroethane	51.7	5.0	ug/kg	50.0	ND	103	65-145	1	20	
1,1,2,2-Tetrachloroethane	68.4	2.0	ug/kg	50.0	ND	137	55-150	9	25	
Tetrachloroethene	51.1	2.0	ug/kg	50.0	33	36	70-130	1	20	*M2*

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24012 Extracted: 01/24/04										
Matrix Spike Dup Analyzed: 01/24/04 (4A24012-MSD1)					**Source: INA1055-18**					
Toluene	51.5	2.0	ug/kg	50.0	ND	103	70-125	1	20	
1,2,3-Trichlorobenzene	47.8	5.0	ug/kg	50.0	ND	96	60-135	3	20	
1,2,4-Trichlorobenzene	50.9	5.0	ug/kg	50.0	ND	102	65-140	2	25	
1,1,1-Trichloroethane	52.6	2.0	ug/kg	50.0	0.46	104	65-140	2	20	
1,1,2-Trichloroethane	62.0	2.0	ug/kg	50.0	ND	124	60-140	2	20	
Trichloroethene	52.3	2.0	ug/kg	50.0	ND	105	70-140	1	20	
Trichlorofluoromethane	51.3	5.0	ug/kg	50.0	ND	103	40-160	1	30	
1,2,3-Trichloropropane	69.0	10	ug/kg	50.0	ND	138	55-140	7	25	
1,2,4-Trimethylbenzene	50.4	2.0	ug/kg	50.0	ND	101	65-130	2	20	
1,3,5-Trimethylbenzene	51.1	2.0	ug/kg	50.0	ND	102	70-130	4	20	
Vinyl chloride	49.3	5.0	ug/kg	50.0	ND	99	45-130	0	30	
o-Xylene	50.0	2.0	ug/kg	50.0	ND	100	70-125	1	20	
m,p-Xylenes	101	2.0	ug/kg	100	ND	101	70-125	1	20	
Xylenes, Total	151	4.0	ug/kg	150	ND	101	70-125	1	20	
Surrogate: Dibromofluoromethane	*53.8*		*ug/kg*	*50.0*		*108*	*80-125*			
Surrogate: Toluene-d8	*56.8*		*ug/kg*	*50.0*		*114*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.4*		*ug/kg*	*50.0*		*105*	*80-120*			
Batch: 4A24019 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A24019-BLK1)										
Acetone	ND	5.0	ug/kg							
Benzene	ND	1.0	ug/kg							
Bromobenzene	ND	2.5	ug/kg							
Bromochloromethane	ND	2.5	ug/kg							
Bromodichloromethane	ND	1.0	ug/kg							
Bromoform	ND	2.5	ug/kg							
Bromomethane	ND	2.5	ug/kg							
2-Butanone (MEK)	ND	5.0	ug/kg							
n-Butylbenzene	ND	2.5	ug/kg							
sec-Butylbenzene	ND	2.5	ug/kg							
tert-Butylbenzene	ND	2.5	ug/kg							
Carbon tetrachloride	ND	2.5	ug/kg							
Chlorobenzene	ND	1.0	ug/kg							
Chloroethane	ND	2.5	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24019 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A24019-BLK1)										
Chloroform	ND	1.0	ug/kg							
Chloromethane	ND	2.5	ug/kg							
2-Chlorotoluene	ND	2.5	ug/kg							
4-Chlorotoluene	ND	2.5	ug/kg							
Dibromochloromethane	ND	1.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	2.5	ug/kg							
1,2-Dibromoethane (EDB)	ND	1.0	ug/kg							
Dibromomethane	ND	1.0	ug/kg							
1,2-Dichlorobenzene	ND	1.0	ug/kg							
1,3-Dichlorobenzene	ND	1.0	ug/kg							
1,4-Dichlorobenzene	ND	1.0	ug/kg							
Dichlorodifluoromethane	ND	2.5	ug/kg							
1,1-Dichloroethane	ND	1.0	ug/kg							
1,2-Dichloroethane	ND	1.0	ug/kg							
1,1-Dichloroethene	ND	2.5	ug/kg							
cis-1,2-Dichloroethene	ND	1.0	ug/kg							
trans-1,2-Dichloroethene	ND	1.0	ug/kg							
1,2-Dichloropropane	ND	1.0	ug/kg							
1,3-Dichloropropane	ND	1.0	ug/kg							
2,2-Dichloropropane	ND	1.0	ug/kg							
1,1-Dichloropropene	ND	1.0	ug/kg							
cis-1,3-Dichloropropene	ND	1.0	ug/kg							
trans-1,3-Dichloropropene	ND	1.0	ug/kg							
Ethylbenzene	ND	1.0	ug/kg							
Hexachlorobutadiene	ND	2.5	ug/kg							
2-Hexanone	ND	5.0	ug/kg							
Isopropylbenzene	ND	1.0	ug/kg							
p-Isopropyltoluene	ND	1.0	ug/kg							
Methylene chloride	ND	10	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	2.5	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	2.5	ug/kg							
Naphthalene	ND	2.5	ug/kg							
n-Propylbenzene	ND	1.0	ug/kg							
Styrene	ND	1.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	2.5	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24019 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A24019-BLK1)										
1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg							
Tetrachloroethene	ND	1.0	ug/kg							
Toluene	ND	1.0	ug/kg							
1,2,3-Trichlorobenzene	ND	2.5	ug/kg							
1,2,4-Trichlorobenzene	ND	2.5	ug/kg							
1,1,1-Trichloroethane	ND	1.0	ug/kg							
1,1,2-Trichloroethane	ND	1.0	ug/kg							
Trichloroethene	ND	1.0	ug/kg							
Trichlorofluoromethane	ND	2.5	ug/kg							
1,2,3-Trichloropropane	ND	5.0	ug/kg							
1,2,4-Trimethylbenzene	ND	1.0	ug/kg							
1,3,5-Trimethylbenzene	ND	1.0	ug/kg							
Vinyl chloride	ND	2.5	ug/kg							
o-Xylene	ND	1.0	ug/kg							
m,p-Xylenes	ND	1.0	ug/kg							
Xylenes, Total	ND	2.0	ug/kg							
Trichlorotrifluoroethane (Freon 113)	ND	5.0	ug/kg							
Surrogate: Dibromofluoromethane	*26.1*		*ug/kg*	*25.0*		*104*	*80-125*			
Surrogate: Toluene-d8	*26.6*		*ug/kg*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/kg*	*25.0*		*107*	*80-120*			
LCS Analyzed: 01/23/04 (4A24019-BS1)										
Acetone	20.1	5.0	ug/kg	25.0		80	40-155			
Benzene	21.1	1.0	ug/kg	25.0		84	70-120			
Bromobenzene	24.2	2.5	ug/kg	25.0		97	80-120			
Bromochloromethane	23.1	2.5	ug/kg	25.0		92	65-135			
Bromodichloromethane	25.2	1.0	ug/kg	25.0		101	70-140			
Bromoform	26.0	2.5	ug/kg	25.0		104	60-140			
Bromomethane	19.3	2.5	ug/kg	25.0		77	60-140			
2-Butanone (MEK)	23.1	5.0	ug/kg	25.0		92	50-145			
n-Butylbenzene	24.4	2.5	ug/kg	25.0		98	75-130			
sec-Butylbenzene	24.4	2.5	ug/kg	25.0		98	75-125			
tert-Butylbenzene	25.7	2.5	ug/kg	25.0		103	80-125			
Carbon tetrachloride	25.0	2.5	ug/kg	25.0		100	70-140			
Chlorobenzene	22.3	1.0	ug/kg	25.0		89	80-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24019 Extracted: 01/23/04										
LCS Analyzed: 01/23/04 (4A24019-BS1)										
Chloroethane	18.8	2.5	ug/kg	25.0		75	55-145			
Chloroform	22.5	1.0	ug/kg	25.0		90	75-120			
Chloromethane	13.7	2.5	ug/kg	25.0		55	35-145			
2-Chlorotoluene	24.1	2.5	ug/kg	25.0		96	75-125			
4-Chlorotoluene	24.4	2.5	ug/kg	25.0		98	80-125			
Dibromochloromethane	25.3	1.0	ug/kg	25.0		101	65-145			
1,2-Dibromo-3-chloropropane	24.7	2.5	ug/kg	25.0		99	50-150			
1,2-Dibromoethane (EDB)	24.6	1.0	ug/kg	25.0		98	70-130			
Dibromomethane	24.5	1.0	ug/kg	25.0		98	70-130			
1,2-Dichlorobenzene	25.1	1.0	ug/kg	25.0		100	80-125			
1,3-Dichlorobenzene	23.0	1.0	ug/kg	25.0		92	80-120			
1,4-Dichlorobenzene	23.0	1.0	ug/kg	25.0		92	80-120			
Dichlorodifluoromethane	10.1	2.5	ug/kg	25.0		40	10-160			
1,1-Dichloroethane	21.1	1.0	ug/kg	25.0		84	70-135			
1,2-Dichloroethane	25.1	1.0	ug/kg	25.0		100	60-150			
1,1-Dichloroethene	21.6	2.5	ug/kg	25.0		86	75-130			
cis-1,2-Dichloroethene	21.7	1.0	ug/kg	25.0		87	70-125			
trans-1,2-Dichloroethene	21.7	1.0	ug/kg	25.0		87	70-130			
1,2-Dichloropropane	21.4	1.0	ug/kg	25.0		86	70-120			
1,3-Dichloropropane	22.3	1.0	ug/kg	25.0		89	70-130			
2,2-Dichloropropane	23.1	1.0	ug/kg	25.0		92	70-150			
1,1-Dichloropropene	22.8	1.0	ug/kg	25.0		91	75-130			
cis-1,3-Dichloropropene	24.4	1.0	ug/kg	25.0		98	75-130			
trans-1,3-Dichloropropene	25.9	1.0	ug/kg	25.0		104	70-135			
Ethylbenzene	24.0	1.0	ug/kg	25.0		96	75-125			
Hexachlorobutadiene	23.3	2.5	ug/kg	25.0		93	75-140			
2-Hexanone	24.4	5.0	ug/kg	25.0		98	40-155			
Isopropylbenzene	25.1	1.0	ug/kg	25.0		100	75-125			
p-Isopropyltoluene	23.3	1.0	ug/kg	25.0		93	75-125			
Methylene chloride	21.1	10	ug/kg	25.0		84	60-135			
4-Methyl-2-pentanone (MIBK)	24.7	2.5	ug/kg	25.0		99	50-145			
Methyl-tert-butyl Ether (MTBE)	26.9	2.5	ug/kg	25.0		108	55-145			
Naphthalene	26.9	2.5	ug/kg	25.0		108	50-145			
n-Propylbenzene	24.9	1.0	ug/kg	25.0		100	75-130			
Styrene	26.5	1.0	ug/kg	25.0		106	80-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24019 Extracted: 01/23/04										
LCS Analyzed: 01/23/04 (4A24019-BS1)										
1,1,1,2-Tetrachloroethane	23.8	2.5	ug/kg	25.0		95	70-145			
1,1,2,2-Tetrachloroethane	23.0	1.0	ug/kg	25.0		92	55-145			
Tetrachloroethene	23.3	1.0	ug/kg	25.0		93	80-125			
Toluene	22.2	1.0	ug/kg	25.0		89	75-120			
1,2,3-Trichlorobenzene	25.4	2.5	ug/kg	25.0		102	65-135			
1,2,4-Trichlorobenzene	25.7	2.5	ug/kg	25.0		103	70-140			
1,1,1-Trichloroethane	23.7	1.0	ug/kg	25.0		95	75-140			
1,1,2-Trichloroethane	22.8	1.0	ug/kg	25.0		91	65-130			
Trichloroethene	22.4	1.0	ug/kg	25.0		90	75-125			
Trichlorofluoromethane	20.8	2.5	ug/kg	25.0		83	50-145			
1,2,3-Trichloropropane	23.4	5.0	ug/kg	25.0		94	55-140			
1,2,4-Trimethylbenzene	24.6	1.0	ug/kg	25.0		98	75-125			
1,3,5-Trimethylbenzene	24.8	1.0	ug/kg	25.0		99	80-125			
Vinyl chloride	16.5	2.5	ug/kg	25.0		66	45-130			
o-Xylene	23.6	1.0	ug/kg	25.0		94	75-125			
m,p-Xylenes	46.7	1.0	ug/kg	50.0		93	75-125			
Xylenes, Total	70.3	2.0	ug/kg	75.0		94	75-125			
Surrogate: Dibromofluoromethane	*26.7*		*ug/kg*	*25.0*		*107*	*80-125*			
Surrogate: Toluene-d8	*26.7*		*ug/kg*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.6*		*ug/kg*	*25.0*		*106*	*80-120*			
LCS Dup Analyzed: 01/23/04 (4A24019-BSD1)										
Acetone	16.7	5.0	ug/kg	25.0		67	40-155	18	30	
Benzene	22.2	1.0	ug/kg	25.0		89	70-120	5	20	
Bromobenzene	25.5	2.5	ug/kg	25.0		102	80-120	5	20	
Bromochloromethane	23.3	2.5	ug/kg	25.0		93	65-135	1	20	
Bromodichloromethane	25.5	1.0	ug/kg	25.0		102	70-140	1	20	
Bromoform	24.7	2.5	ug/kg	25.0		99	60-140	5	20	
Bromomethane	20.8	2.5	ug/kg	25.0		83	60-140	7	20	
2-Butanone (MEK)	20.1	5.0	ug/kg	25.0		80	50-145	14	50	
n-Butylbenzene	26.2	2.5	ug/kg	25.0		105	75-130	7	20	
sec-Butylbenzene	26.5	2.5	ug/kg	25.0		106	75-125	8	20	
tert-Butylbenzene	28.2	2.5	ug/kg	25.0		113	80-125	9	20	
Carbon tetrachloride	25.9	2.5	ug/kg	25.0		104	70-140	4	20	
Chlorobenzene	23.6	1.0	ug/kg	25.0		94	80-125	6	20	

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Camp, Dresser & McKee
18581 Teller Avenue, #200
Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24019 Extracted: 01/23/04										
LCS Dup Analyzed: 01/23/04 (4A24019-BSD1)										
Chloroethane	20.6	2.5	ug/kg	25.0		82	55-145	9	25	
Chloroform	23.2	1.0	ug/kg	25.0		93	75-120	3	20	
Chloromethane	15.3	2.5	ug/kg	25.0		61	35-145	11	25	
2-Chlorotoluene	26.2	2.5	ug/kg	25.0		105	75-125	8	20	
4-Chlorotoluene	26.4	2.5	ug/kg	25.0		106	80-125	8	20	
Dibromochloromethane	24.8	1.0	ug/kg	25.0		99	65-145	2	20	
1,2-Dibromo-3-chloropropane	21.6	2.5	ug/kg	25.0		86	50-150	13	25	
1,2-Dibromoethane (EDB)	23.3	1.0	ug/kg	25.0		93	70-130	5	20	
Dibromomethane	23.7	1.0	ug/kg	25.0		95	70-130	3	20	
1,2-Dichlorobenzene	26.2	1.0	ug/kg	25.0		105	80-125	4	20	
1,3-Dichlorobenzene	24.6	1.0	ug/kg	25.0		98	80-120	7	20	
1,4-Dichlorobenzene	24.4	1.0	ug/kg	25.0		98	80-120	6	20	
Dichlorodifluoromethane	10.7	2.5	ug/kg	25.0		43	10-160	6	30	
1,1-Dichloroethane	22.3	1.0	ug/kg	25.0		89	70-135	6	20	
1,2-Dichloroethane	24.9	1.0	ug/kg	25.0		100	60-150	1	20	
1,1-Dichloroethene	23.0	2.5	ug/kg	25.0		92	75-130	6	20	
cis-1,2-Dichloroethene	22.7	1.0	ug/kg	25.0		91	70-125	5	20	
trans-1,2-Dichloroethene	23.0	1.0	ug/kg	25.0		92	70-130	6	20	
1,2-Dichloropropane	22.6	1.0	ug/kg	25.0		90	70-120	5	20	
1,3-Dichloropropane	21.8	1.0	ug/kg	25.0		87	70-130	2	20	
2,2-Dichloropropane	24.2	1.0	ug/kg	25.0		97	70-150	5	20	
1,1-Dichloropropene	23.9	1.0	ug/kg	25.0		96	75-130	5	20	
cis-1,3-Dichloropropene	25.0	1.0	ug/kg	25.0		100	75-130	2	20	
trans-1,3-Dichloropropene	25.6	1.0	ug/kg	25.0		102	70-135	1	20	
Ethylbenzene	25.0	1.0	ug/kg	25.0		100	75-125	4	20	
Hexachlorobutadiene	24.9	2.5	ug/kg	25.0		100	75-140	7	20	
2-Hexanone	20.4	5.0	ug/kg	25.0		82	40-155	18	30	
Isopropylbenzene	27.5	1.0	ug/kg	25.0		110	75-125	9	20	
p-Isopropyltoluene	25.2	1.0	ug/kg	25.0		101	75-125	8	20	
Methylene chloride	21.8	10	ug/kg	25.0		87	60-135	3	20	
4-Methyl-2-pentanone (MIBK)	20.9	2.5	ug/kg	25.0		84	50-145	17	30	
Methyl-tert-butyl Ether (MTBE)	25.6	2.5	ug/kg	25.0		102	55-145	5	25	
Naphthalene	25.6	2.5	ug/kg	25.0		102	50-145	5	25	
n-Propylbenzene	27.2	1.0	ug/kg	25.0		109	75-130	9	20	
Styrene	27.7	1.0	ug/kg	25.0		111	80-135	4	20	

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Camp, Dresser & McKee
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Irvine, CA 92612
Attention: Sharon Wallin

Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A24019 Extracted: 01/23/04										
LCS Dup Analyzed: 01/23/04 (4A24019-BSD1)										
1,1,1,2-Tetrachloroethane	24.8	2.5	ug/kg	25.0		99	70-145	4	20	
1,1,2,2-Tetrachloroethane	21.7	1.0	ug/kg	25.0		87	55-145	6	30	
Tetrachloroethene	24.5	1.0	ug/kg	25.0		98	80-125	5	20	
Toluene	23.4	1.0	ug/kg	25.0		94	75-120	5	20	
1,2,3-Trichlorobenzene	25.9	2.5	ug/kg	25.0		104	65-135	2	20	
1,2,4-Trichlorobenzene	26.6	2.5	ug/kg	25.0		106	70-140	3	20	
1,1,1-Trichloroethane	24.7	1.0	ug/kg	25.0		99	75-140	4	20	
1,1,2-Trichloroethane	22.7	1.0	ug/kg	25.0		91	65-130	0	20	
Trichloroethene	24.0	1.0	ug/kg	25.0		96	75-125	7	20	
Trichlorofluoromethane	21.4	2.5	ug/kg	25.0		86	50-145	3	25	
1,2,3-Trichloropropane	22.0	5.0	ug/kg	25.0		88	55-140	6	25	
1,2,4-Trimethylbenzene	26.7	1.0	ug/kg	25.0		107	75-125	8	20	
1,3,5-Trimethylbenzene	26.9	1.0	ug/kg	25.0		108	80-125	8	20	
Vinyl chloride	18.4	2.5	ug/kg	25.0		74	45-130	11	25	
o-Xylene	24.8	1.0	ug/kg	25.0		99	75-125	5	20	
m,p-Xylenes	49.4	1.0	ug/kg	50.0		99	75-125	6	20	
Xylenes, Total	74.2	2.0	ug/kg	75.0		99	75-125	5	20	
Surrogate: Dibromofluoromethane	*26.0*		*ug/kg*	*25.0*		*104*	*80-125*			
Surrogate: Toluene-d8	*26.6*		*ug/kg*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.5*		*ug/kg*	*25.0*		*106*	*80-120*			

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10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A26040 Extracted: 01/26/04										
Blank Analyzed: 01/27/04 (4A26040-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate: 1,4-Dioxane-d8	*1.07*		*ug/l*	*2.00*		*54*	*35-120*			
LCS Analyzed: 01/27/04 (4A26040-BS1)										
1,4-Dioxane	1.08	0.50	ug/l	2.00		54	35-120			
Surrogate: 1,4-Dioxane-d8	*1.04*		*ug/l*	*2.00*		*52*	*35-120*			
LCS Dup Analyzed: 01/27/04 (4A26040-BSD1)										**M-NR1**
1,4-Dioxane	1.11	0.50	ug/l	2.00		56	35-120	3	30	
Surrogate: 1,4-Dioxane-d8	*1.09*		*ug/l*	*2.00*		*54*	*35-120*			

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Project ID: Omega Chemical Soil
10500-37240
Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4A23037 Extracted: 01/23/04										
Blank Analyzed: 01/23/04 (4A23037-BLK1)										
1,4-Dioxane	ND	25	ug/kg							
Surrogate: 1,4-Dioxane-d8	*59.4*		*ug/kg*	*100*		*59*	*35-120*			
LCS Analyzed: 01/23/04 (4A23037-BS1)										
1,4-Dioxane	48.1	25	ug/kg	100		48	40-140			
Surrogate: 1,4-Dioxane-d8	*46.4*		*ug/kg*	*100*		*46*	*35-120*			
Matrix Spike Analyzed: 01/23/04 (4A23037-MS1)					**Source: INA1179-02**					
1,4-Dioxane	60.9	25	ug/kg	100	ND	61	40-140			
Surrogate: 1,4-Dioxane-d8	*57.7*		*ug/kg*	*100*		*58*	*35-120*			
Matrix Spike Dup Analyzed: 01/23/04 (4A23037-MSD1)					**Source: INA1179-02**					
1,4-Dioxane	56.3	25	ug/kg	100	ND	56	40-140	8	30	
Surrogate: 1,4-Dioxane-d8	*53.4*		*ug/kg*	*100*		*53*	*35-120*			

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Report Number: INA1179

Sampled: 01/21/04-01/22/04
Received: 01/22/04

DATA QUALIFIERS AND DEFINITIONS

B-1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
M-NR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-7	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 8260B	Soil	X	X
EPA 8260B	Soil-extr	X	X
EPA 8260B	Water	X	X
EPA 8270C MOD	Soil	N/A	N/A
EPA 8270C	Water	X	X

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

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CHAIN OF CUSTODY FORM

102448

Quote No.: JNA1179 Page: 1 of 1

Client Name: COM, Inc
Address: 18581 Teller Ave, Suite 2000
City: Irvine, CA State: CA Zip: 92612
Tel: (949) 752-5452 Fax: (949) 752-1307

P.O./Project Number: 10500-37240
Project Name: Omega
Project Manager: Sharon Wallin
Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX) / MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) fuel fingerprint / simulated distillation	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270 (1,4-Dioxane)	Title 22 Metals EPA 6010/7000 / +Cr VI	EPA 8260 + Oxygenates / +MTBE / MTBE only	Lead	pH	HOLD
OC-DI-004-00-012204	AQ	1/22/04	8:00	HCl	2	VOA											X
OC-SB-GP8-50-012104	SOIL	1/21/04	16:00	—	4	Encore sleeve						X		X			
↓ ↓ ↓ -60-			16:30	—	4							X		X			
↓ ↓ ↓ -66-			17:15	—	4							X		X			
OC-SB-GP6-25-012204		1/22/04	8:15	—	4							X		X			
↓ ↓ ↓ -50- ↓			9:00	—	4							X		X			
↓ ↓ ↓ -70- ↓	↓		10:15 11:20 (MA)	—	4	↓						X		X			
↓ ↓ ↓ -785- ↓	AQ	↓	11:20	HCl	4	Amber VOA						X		X			

Relinquished by: Mike Hoffman	Date/Time: 1/22/04 19:30	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time: 1/22/04 19:30

Remarks:

Turnaround Time: (check one)
Same Day ___ 72 hours ___
24 Hours ___ 5 Days ___
48 Hours ___ Standard X

Sample Integrity:
Intact: X On Ice 6°C

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

PHYSICAL PROPERTIES DATA

PROJECT NAME N/A
PROJECT NO: 10500-37240-T2.OSS.Field

	METHODOLOGY:		ASTM D2216	WALKLEY-BLACK	EPA 9081	ASTM D1498	ASTM D5084	
							25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	TOTAL ORGANIC CARBON (mg/kg)	CATION EXCHANGE CAPACITY (meq/100g)	OXIDATION REDUCTION POTENTIAL (mV)	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (2,3) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (2,3) (cm/s)
GP6-15	N/A	V	22.4	2550	11	340	0.943	8.96E-07
GP6-30	N/A	V	22.4	2000	12	320	0.868	8.27E-07
GP6-45	N/A	V	25.9	1750	9	340	0.756	7.22E-07
GP6-60	N/A	V	20.6	1400	14	330	0.599	5.73E-07
GP6-80	N/A	V	22.1	1950	14	320	0.575	5.48E-07

(1) Sample Orientation: H = horizontal; V = vertical (2) Native State = As received with pore fluids in place (3) Permeability to water and conductivity measured at saturated conditions

PTS Laboratories

CDM
PTS File No: 34070

PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: N/A
PROJECT NO: 10500-37240-T2.OSS.Field

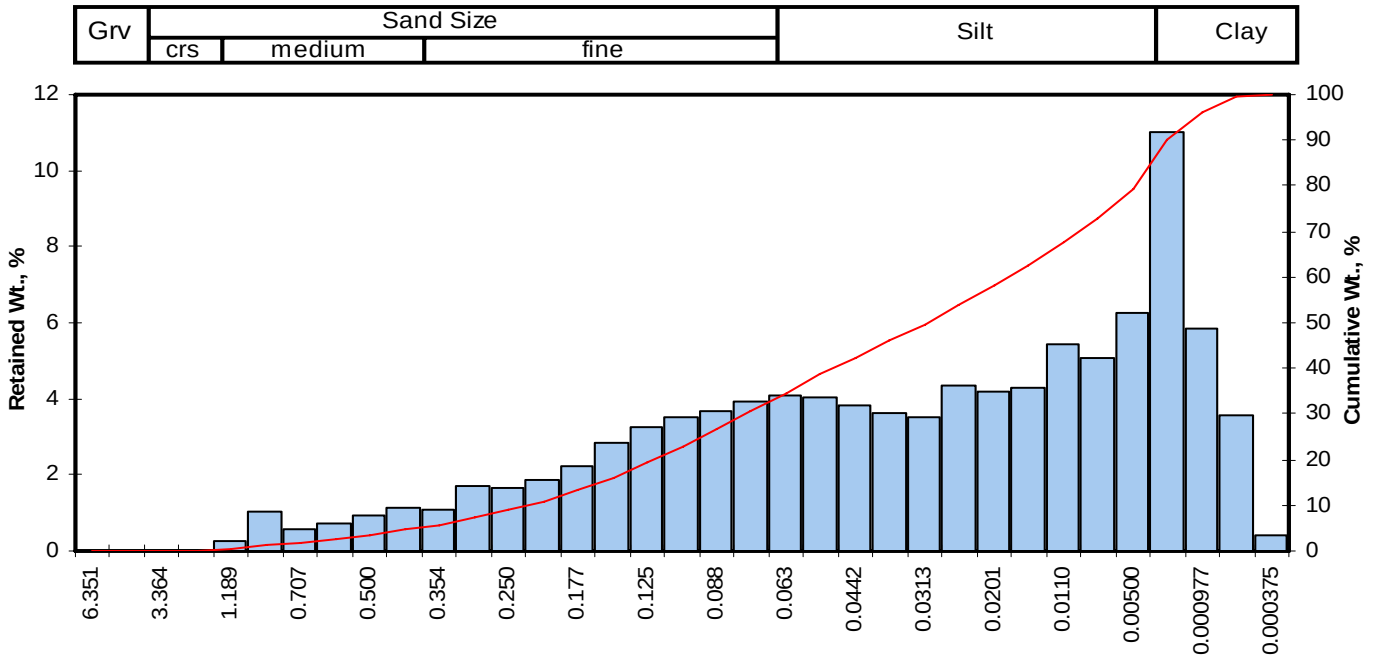
Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
GP6-15	N/A	Silt	0.031	0.00	0.00	4.65	25.81	48.71	20.83	69.54
GP6-30	N/A	Silt	0.022	0.00	0.00	9.28	12.68	56.04	22.00	78.04
GP6-45	N/A	Silt	0.027	0.00	0.00	6.08	23.29	49.75	20.89	70.64
GP6-60	N/A	Silt	0.023	0.00	0.00	7.38	19.04	49.38	24.20	73.58
GP6-80	N/A	Silt	0.021	0.00	0.00	4.90	19.22	50.20	25.68	75.88

(1) Based on Mean from Trask

PTS Laboratories

Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-15
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.26	0.26	0.26
0.0331	0.841	0.25	20	1.05	1.05	1.31
0.0278	0.707	0.50	25	0.56	0.56	1.87
0.0234	0.595	0.75	30	0.72	0.72	2.59
0.0197	0.500	1.00	35	0.94	0.94	3.53
0.0166	0.420	1.25	40	1.12	1.12	4.65
0.0139	0.354	1.50	45	1.08	1.08	5.73
0.0117	0.297	1.75	50	1.73	1.73	7.46
0.0098	0.250	2.00	60	1.65	1.65	9.11
0.0083	0.210	2.25	70	1.87	1.87	10.98
0.0070	0.177	2.50	80	2.24	2.24	13.22
0.0059	0.149	2.75	100	2.84	2.84	16.06
0.0049	0.125	3.00	120	3.27	3.27	19.33
0.0041	0.105	3.25	140	3.51	3.51	22.84
0.0035	0.088	3.50	170	3.69	3.69	26.53
0.0029	0.074	3.75	200	3.93	3.93	30.46
0.0025	0.063	4.00	230	4.09	4.09	34.55
0.0021	0.053	4.25	270	4.05	4.05	38.60
0.00174	0.0442	4.50	325	3.85	3.85	42.45
0.00146	0.0372	4.75	400	3.64	3.64	46.09
0.00123	0.0313	5.00	450	3.50	3.50	49.59
0.000986	0.0250	5.32	500	4.35	4.35	53.94
0.000790	0.0201	5.64	635	4.18	4.18	58.12
0.000615	0.0156	6.00		4.30	4.30	62.42
0.000435	0.0110	6.50		5.42	5.42	67.84
0.000308	0.00781	7.00		5.09	5.09	72.93
0.000197	0.00500	7.65		6.24	6.24	79.17
0.000077	0.00195	9.00		11.00	11.00	90.17
0.000038	0.000977	10.00		5.87	5.87	96.04
0.000019	0.000488	11.00		3.57	3.57	99.61
0.000015	0.000375	11.38		0.39	0.39	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.33	0.0156	0.397
10	2.12	0.0091	0.230
16	2.74	0.0059	0.149
25	3.40	0.0037	0.095
40	4.34	0.0019	0.049
50	5.03	0.0012	0.031
60	5.80	0.0007	0.018
75	7.21	0.0003	0.007
84	8.24	0.0001	0.003
90	8.98	0.0001	0.002
95	9.82	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.03	5.03	5.03
Median, in.	0.0012	0.0012	0.0012
Median, mm	0.031	0.031	0.031
Mean, phi	4.30	5.49	5.34
Mean, in.	0.0020	0.0009	0.0010
Mean, mm	0.051	0.022	0.025
Sorting	3.755	2.748	2.660
Skewness	0.826	0.168	0.148
Kurtosis	0.193	0.545	0.912

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	4.65
Fine Sand	200	25.81
Silt	>0.005 mm	48.71
Clay	<0.005 mm	20.83
	Total	**100**

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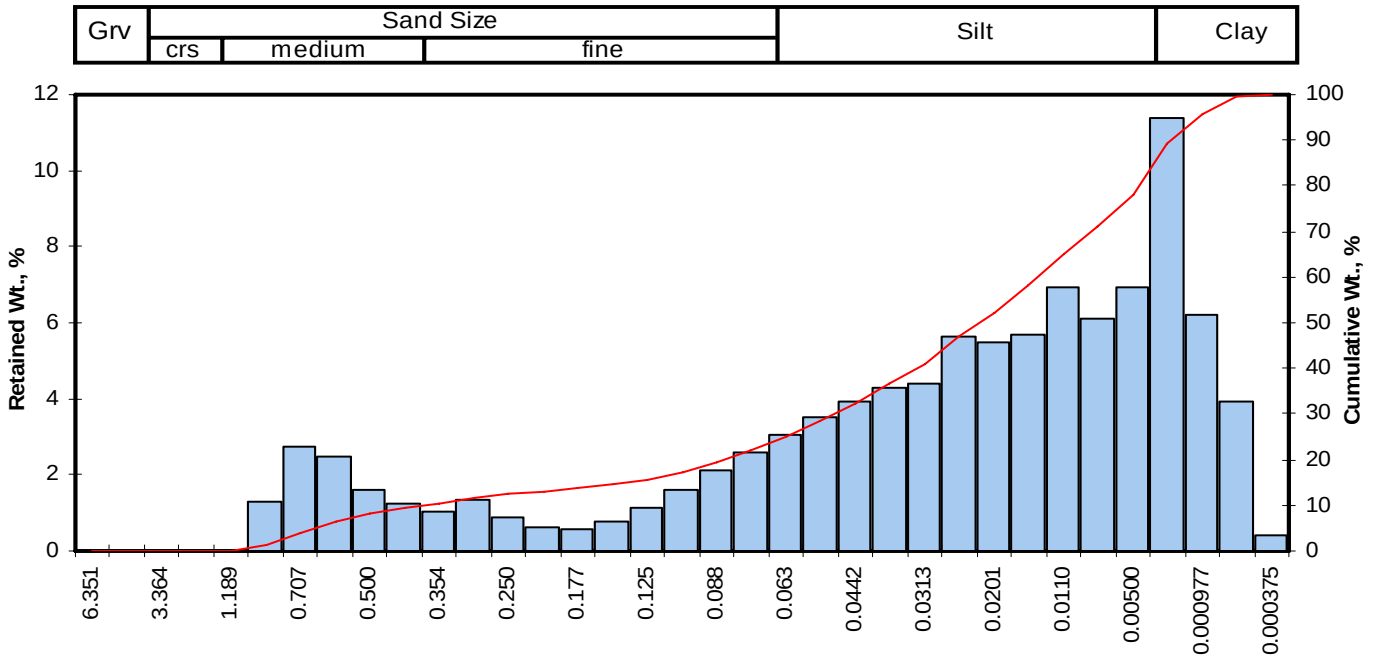
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-30
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	1.27	1.27	1.27
0.0278	0.707	0.50	25	2.74	2.74	4.01
0.0234	0.595	0.75	30	2.46	2.46	6.47
0.0197	0.500	1.00	35	1.58	1.58	8.05
0.0166	0.420	1.25	40	1.23	1.23	9.28
0.0139	0.354	1.50	45	1.02	1.02	10.30
0.0117	0.297	1.75	50	1.34	1.34	11.64
0.0098	0.250	2.00	60	0.87	0.87	12.52
0.0083	0.210	2.25	70	0.62	0.62	13.14
0.0070	0.177	2.50	80	0.55	0.55	13.69
0.0059	0.149	2.75	100	0.77	0.77	14.46
0.0049	0.125	3.00	120	1.15	1.15	15.61
0.0041	0.105	3.25	140	1.62	1.62	17.23
0.0035	0.088	3.50	170	2.12	2.12	19.35
0.0029	0.074	3.75	200	2.61	2.61	21.96
0.0025	0.063	4.00	230	3.06	3.06	25.02
0.0021	0.053	4.25	270	3.50	3.50	28.52
0.00174	0.0442	4.50	325	3.95	3.95	32.47
0.00146	0.0372	4.75	400	4.27	4.27	36.74
0.00123	0.0313	5.00	450	4.41	4.41	41.16
0.000986	0.0250	5.32	500	5.64	5.64	46.80
0.000790	0.0201	5.64	635	5.50	5.50	52.30
0.000615	0.0156	6.00		5.68	5.68	57.98
0.000435	0.0110	6.50		6.95	6.95	64.94
0.000308	0.00781	7.00		6.11	6.11	71.05
0.000197	0.00500	7.65		6.95	6.95	78.00
0.000077	0.00195	9.00		11.40	11.40	89.41
0.000038	0.000977	10.00		6.22	6.22	95.63
0.000019	0.000488	11.00		3.94	3.94	99.57
0.000015	0.000375	11.38		0.43	0.43	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.60	0.0260	0.660
10	1.43	0.0147	0.372
16	3.06	0.0047	0.120
25	4.00	0.0025	0.063
40	4.93	0.0013	0.033
50	5.51	0.0009	0.022
60	6.15	0.0006	0.014
75	7.37	0.0002	0.006
84	8.36	0.0001	0.003
90	9.10	0.0001	0.002
95	9.90	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.51	5.51	5.51
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.022	0.022	0.022
Mean, phi	4.87	5.71	5.64
Mean, in.	0.0014	0.0008	0.0008
Mean, mm	0.034	0.019	0.020
Sorting	3.213	2.648	2.733
Skewness	0.885	0.077	0.011
Kurtosis	0.076	0.755	1.131

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	9.28
Fine Sand	200	12.68
Silt	>0.005 mm	56.04
Clay	<0.005 mm	22.00
	Total	**100**

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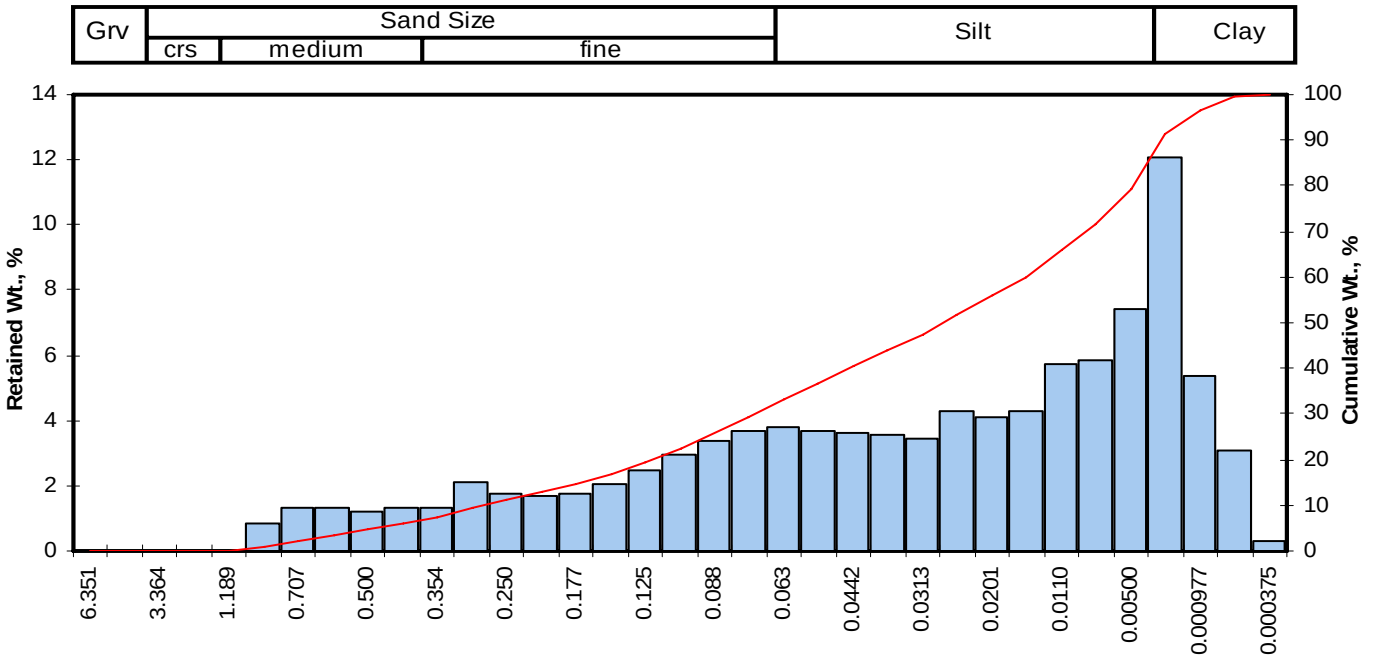
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-45
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.87	0.87	0.87
0.0278	0.707	0.50	25	1.33	1.33	2.20
0.0234	0.595	0.75	30	1.35	1.35	3.55
0.0197	0.500	1.00	35	1.21	1.21	4.76
0.0166	0.420	1.25	40	1.32	1.32	6.08
0.0139	0.354	1.50	45	1.33	1.33	7.41
0.0117	0.297	1.75	50	2.09	2.09	9.50
0.0098	0.250	2.00	60	1.78	1.78	11.28
0.0083	0.210	2.25	70	1.70	1.70	12.97
0.0070	0.177	2.50	80	1.76	1.76	14.73
0.0059	0.149	2.75	100	2.08	2.08	16.81
0.0049	0.125	3.00	120	2.49	2.49	19.30
0.0041	0.105	3.25	140	2.96	2.96	22.26
0.0035	0.088	3.50	170	3.40	3.40	25.66
0.0029	0.074	3.75	200	3.71	3.71	29.36
0.0025	0.063	4.00	230	3.78	3.78	33.14
0.0021	0.053	4.25	270	3.71	3.71	36.85
0.00174	0.0442	4.50	325	3.63	3.63	40.48
0.00146	0.0372	4.75	400	3.56	3.56	44.03
0.00123	0.0313	5.00	450	3.46	3.46	47.49
0.000986	0.0250	5.32	500	4.27	4.27	51.76
0.000790	0.0201	5.64	635	4.09	4.09	55.85
0.000615	0.0156	6.00		4.26	4.26	60.10
0.000435	0.0110	6.50		5.72	5.72	65.82
0.000308	0.00781	7.00		5.86	5.86	71.68
0.000197	0.00500	7.65		7.44	7.44	79.11
0.000077	0.00195	9.00		12.10	12.09	91.21
0.000038	0.000977	10.00		5.38	5.38	96.58
0.000019	0.000488	11.00		3.09	3.09	99.67
0.000015	0.000375	11.38		0.33	0.33	100.00
TOTALS				**100.10**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	1.05	0.0191	0.484
10	1.82	0.0111	0.283
16	2.65	0.0063	0.159
25	3.45	0.0036	0.091
40	4.47	0.0018	0.045
50	5.19	0.0011	0.027
60	5.99	0.0006	0.016
75	7.29	0.0003	0.006
84	8.19	0.0001	0.003
90	8.86	0.0001	0.002
95	9.71	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.19	5.19	5.19
Median, in.	0.0011	0.0011	0.0011
Median, mm	0.027	0.027	0.027
Mean, phi	4.35	5.42	5.34
Mean, in.	0.0019	0.0009	0.0010
Mean, mm	0.049	0.023	0.025
Sorting	3.780	2.770	2.697
Skewness	0.882	0.085	0.064
Kurtosis	0.151	0.563	0.925

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	6.08
Fine Sand	200	23.29
Silt	>0.005 mm	49.75
Clay	<0.005 mm	20.89
	Total	**100**

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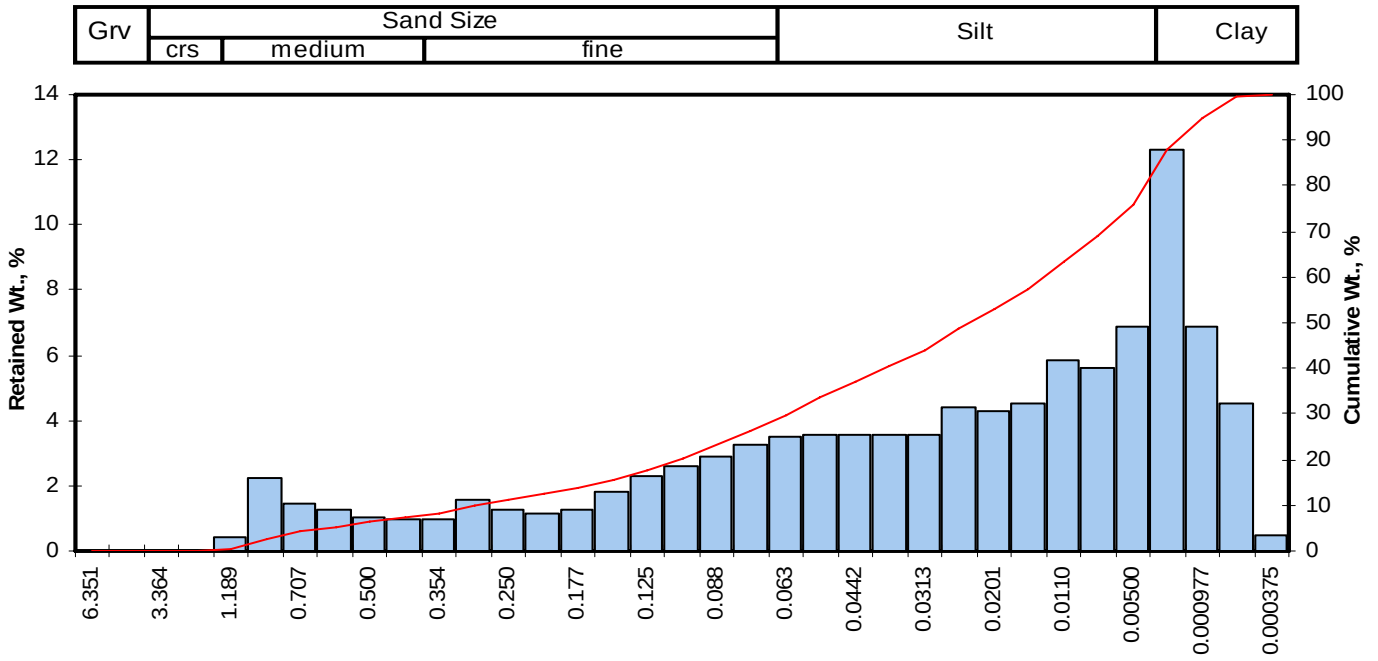
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-60
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.41	0.41	0.41
0.0331	0.841	0.25	20	2.24	2.24	2.65
0.0278	0.707	0.50	25	1.46	1.46	4.11
0.0234	0.595	0.75	30	1.28	1.28	5.39
0.0197	0.500	1.00	35	1.01	1.01	6.40
0.0166	0.420	1.25	40	0.98	0.98	7.38
0.0139	0.354	1.50	45	0.97	0.97	8.35
0.0117	0.297	1.75	50	1.58	1.58	9.93
0.0098	0.250	2.00	60	1.29	1.29	11.22
0.0083	0.210	2.25	70	1.15	1.15	12.37
0.0070	0.177	2.50	80	1.27	1.27	13.63
0.0059	0.149	2.75	100	1.79	1.79	15.42
0.0049	0.125	3.00	120	2.28	2.28	17.70
0.0041	0.105	3.25	140	2.60	2.60	20.30
0.0035	0.088	3.50	170	2.89	2.89	23.19
0.0029	0.074	3.75	200	3.23	3.23	26.42
0.0025	0.063	4.00	230	3.48	3.48	29.90
0.0021	0.053	4.25	270	3.57	3.57	33.47
0.00174	0.0442	4.50	325	3.58	3.58	37.05
0.00146	0.0372	4.75	400	3.58	3.58	40.62
0.00123	0.0313	5.00	450	3.55	3.55	44.17
0.000986	0.0250	5.32	500	4.43	4.43	48.60
0.000790	0.0201	5.64	635	4.29	4.29	52.89
0.000615	0.0156	6.00		4.53	4.53	57.42
0.000435	0.0110	6.50		5.88	5.88	63.29
0.000308	0.00781	7.00		5.60	5.60	68.89
0.000197	0.00500	7.65		6.91	6.91	75.80
0.000077	0.00195	9.00		12.30	12.30	88.09
0.000038	0.000977	10.00		6.89	6.89	94.98
0.000019	0.000488	11.00		4.52	4.52	99.50
0.000015	0.000375	11.38		0.50	0.50	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.67	0.0247	0.627
10	1.76	0.0116	0.294
16	2.81	0.0056	0.142
25	3.64	0.0032	0.080
40	4.71	0.0015	0.038
50	5.42	0.0009	0.023
60	6.22	0.0005	0.013
75	7.57	0.0002	0.005
84	8.55	0.0001	0.003
90	9.28	0.0001	0.002
95	10.00	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.42	5.42	5.42
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.55	5.68	5.60
Mean, in.	0.0017	0.0008	0.0008
Mean, mm	0.043	0.019	0.021
Sorting	3.904	2.868	2.847
Skewness	0.882	0.089	0.036
Kurtosis	0.128	0.627	0.973

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	7.38
Fine Sand	200	19.04
Silt	>0.005 mm	49.38
Clay	<0.005 mm	24.20
	Total	**100**

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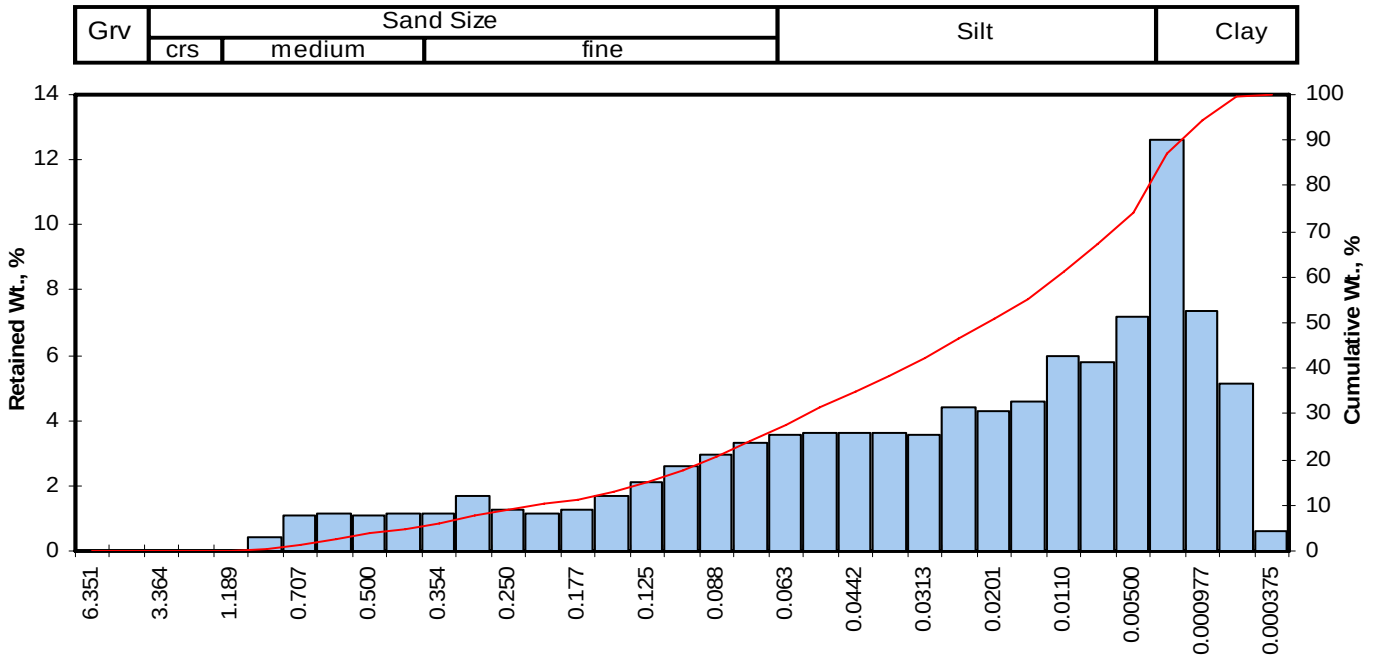
Particle Size Analysis - ASTM D4464M

Client:	CDM	**PTS File No:**	34070
Project:	N/A	**Sample ID:**	GP6-80
Project No:	10500-37240-T2.OSS.Field	**Depth, ft:**	N/A



Particle Size, mm

Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.44	0.44	0.44
0.0278	0.707	0.50	25	1.06	1.06	1.50
0.0234	0.595	0.75	30	1.17	1.17	2.67
0.0197	0.500	1.00	35	1.07	1.07	3.74
0.0166	0.420	1.25	40	1.16	1.16	4.90
0.0139	0.354	1.50	45	1.14	1.14	6.04
0.0117	0.297	1.75	50	1.68	1.68	7.72
0.0098	0.250	2.00	60	1.27	1.27	8.99
0.0083	0.210	2.25	70	1.14	1.14	10.14
0.0070	0.177	2.50	80	1.26	1.26	11.40
0.0059	0.149	2.75	100	1.69	1.69	13.09
0.0049	0.125	3.00	120	2.14	2.14	15.23
0.0041	0.105	3.25	140	2.57	2.57	17.80
0.0035	0.088	3.50	170	2.98	2.98	20.78
0.0029	0.074	3.75	200	3.34	3.34	24.12
0.0025	0.063	4.00	230	3.53	3.53	27.65
0.0021	0.053	4.25	270	3.60	3.60	31.26
0.00174	0.0442	4.50	325	3.62	3.62	34.88
0.00146	0.0372	4.75	400	3.62	3.62	38.50
0.00123	0.0313	5.00	450	3.55	3.55	42.05
0.000986	0.0250	5.32	500	4.42	4.42	46.47
0.000790	0.0201	5.64	635	4.31	4.31	50.79
0.000615	0.0156	6.00		4.57	4.57	55.36
0.000435	0.0110	6.50		5.98	5.98	61.34
0.000308	0.00781	7.00		5.80	5.80	67.14
0.000197	0.00500	7.65		7.17	7.17	74.32
0.000077	0.00195	9.00		12.60	12.61	86.92
0.000038	0.000977	10.00		7.37	7.37	94.30
0.000019	0.000488	11.00		5.12	5.12	99.42
0.000015	0.000375	11.38		0.58	0.58	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight	Phi	Particle Size	
percent	Value	Inches	Millimeters
5	1.27	0.0163	0.414
10	2.22	0.0084	0.215
16	3.08	0.0047	0.119
25	3.81	0.0028	0.071
40	4.86	0.0014	0.035
50	5.58	0.0008	0.021
60	6.39	0.0005	0.012
75	7.72	0.0002	0.005
84	8.69	0.0001	0.002
90	9.42	0.0001	0.001
95	10.14	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.58	5.58	5.58
Median, in.	0.0008	0.0008	0.0008
Median, mm	0.021	0.021	0.021
Mean, phi	4.72	5.88	5.78
Mean, in.	0.0015	0.0007	0.0007
Mean, mm	0.038	0.017	0.018
Sorting	3.872	2.805	2.746
Skewness	0.881	0.106	0.067
Kurtosis	0.156	0.580	0.930

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	4.90
Fine Sand	200	19.22
Silt	>0.005 mm	50.20
Clay	<0.005 mm	25.68
	Total	**100**

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Phone: (562) 907-3607
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Calscience
Environmental
Laboratories, Inc.

January 04, 2006

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 05-12-1012**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/16/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/16/05
Work Order No: 05-12-1012
Preparation: EPA 3520B
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-EB01	**05-12-1012-5**	**12/16/05**	**Aqueous**	**12/19/05**	**12/21/05**	**051219L12**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	78	56-123	

Method Blank	**099-09-004-522**	**N/A**	**Aqueous**	**12/19/05**	**12/21/05**	**051219L12**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	76	56-123	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/16/05
Work Order No: 05-12-1012
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-B1-26	**05-12-1012-1**	**12/16/05**	**Solid**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	109	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-B1-34	**05-12-1012-2**	**12/16/05**	**Solid**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	114	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-B1-53	**05-12-1012-3**	**12/16/05**	**Solid**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	110	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-B1-74	**05-12-1012-4**	**12/16/05**	**Solid**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	109	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.	Date Received: 12/16/05
18581 Teller Avenue	Work Order No: 05-12-1012
Suite 200	Preparation: EPA 3545
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-005-104**	**N/A**	**Solid**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	119	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/16/05
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-EB01	**05-12-1012-5**	**12/16/05**	**Aqueous**	**12/17/05**	**12/17/05**	**051217L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	124	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	102	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/16/05
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TB-01	**05-12-1012-6**	**12/16/05**	**Aqueous**	**12/17/05**	**12/17/05**	**051217L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	74-140		1,2-Dichloroethane-d4	131	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	103	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/16/05
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-16,622**	**N/A**	**Aqueous**	**12/17/05**	**12/17/05**	**051217L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	116	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	102	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/16/05
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 1 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-B1-26	**05-12-1012-1**	**12/16/05**	**Solid**	**12/16/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.833		c-1,3-Dichloropropene	ND	0.83	0.833	
Benzene	ND	0.83	0.833		t-1,3-Dichloropropene	ND	1.7	0.833	
Bromobenzene	ND	0.83	0.833		Ethylbenzene	ND	0.83	0.833	
Bromochloromethane	ND	1.7	0.833		2-Hexanone	ND	17	0.833	
Bromodichloromethane	ND	0.83	0.833		Isopropylbenzene	ND	0.83	0.833	
Bromoform	ND	4.2	0.833		p-Isopropyltoluene	ND	0.83	0.833	
Bromomethane	ND	17	0.833		Methylene Chloride	ND	8.3	0.833	
2-Butanone	ND	17	0.833		4-Methyl-2-Pentanone	ND	17	0.833	
n-Butylbenzene	ND	0.83	0.833		Naphthalene	ND	8.3	0.833	
sec-Butylbenzene	ND	0.83	0.833		n-Propylbenzene	ND	0.83	0.833	
tert-Butylbenzene	ND	0.83	0.833		Styrene	ND	0.83	0.833	
Carbon Disulfide	ND	8.3	0.833		1,1,1,2-Tetrachloroethane	ND	0.83	0.833	
Carbon Tetrachloride	ND	0.83	0.833		1,1,2,2-Tetrachloroethane	ND	1.7	0.833	
Chlorobenzene	ND	0.83	0.833		Tetrachloroethene	960	79	79.1	
Chloroethane	ND	1.7	0.833		Toluene	ND	0.83	0.833	
Chloroform	2.4	0.8	0.833		1,2,3-Trichlorobenzene	ND	1.7	0.833	
Chloromethane	ND	17	0.833		1,2,4-Trichlorobenzene	ND	1.7	0.833	
2-Chlorotoluene	ND	0.83	0.833		1,1,1-Trichloroethane	ND	0.83	0.833	
4-Chlorotoluene	ND	0.83	0.833		1,1,2-Trichloroethane	ND	0.83	0.833	
Dibromochloromethane	ND	1.7	0.833		1,1,2-Trichloro-1,2,2-Trifluoroethane	36	8	0.833	
1,2-Dibromo-3-Chloropropane	ND	4.2	0.833		Trichloroethene	81	2	0.833	
1,2-Dibromoethane	ND	0.83	0.833		Trichlorofluoromethane	38	8	0.833	
Dibromomethane	ND	0.83	0.833		1,2,3-Trichloropropane	ND	1.7	0.833	
1,2-Dichlorobenzene	ND	0.83	0.833		1,2,4-Trimethylbenzene	ND	1.7	0.833	
1,3-Dichlorobenzene	ND	0.83	0.833		1,3,5-Trimethylbenzene	ND	1.7	0.833	
1,4-Dichlorobenzene	ND	0.83	0.833		Vinyl Acetate	ND	8.3	0.833	
Dichlorodifluoromethane	ND	1.7	0.833		Vinyl Chloride	ND	0.83	0.833	
1,1-Dichloroethane	4.0	0.8	0.833		p/m-Xylene	ND	1.7	0.833	
1,2-Dichloroethane	ND	0.83	0.833		o-Xylene	ND	0.83	0.833	
1,1-Dichloroethene	200	79	79.1		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.833	
c-1,2-Dichloroethene	ND	0.83	0.833		Tert-Butyl Alcohol (TBA)	ND	17	0.833	
t-1,2-Dichloroethene	4.8	0.8	0.833		Diisopropyl Ether (DIPE)	ND	0.83	0.833	
1,2-Dichloropropane	ND	0.83	0.833		Ethyl-t-Butyl Ether (ETBE)	ND	0.83	0.833	
1,3-Dichloropropane	ND	0.83	0.833		Tert-Amyl-Methyl Ether (TAME)	ND	0.83	0.833	
2,2-Dichloropropane	ND	4.2	0.833		Ethanol	ND	420	0.833	
1,1-Dichloropropene	ND	1.7	0.833						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	136	71-137		1,2-Dichloroethane-d4	154	58-160	
1,4-Bromofluorobenzene	82	66-126		Toluene-d8	96	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/16/05
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 2 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-B1-34	**05-12-1012-2**	**12/16/05**	**Solid**	**12/16/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	16	0.804		c-1,3-Dichloropropene	ND	0.80	0.804	
Benzene	ND	0.80	0.804		t-1,3-Dichloropropene	ND	1.6	0.804	
Bromobenzene	ND	0.80	0.804		Ethylbenzene	ND	0.80	0.804	
Bromochloromethane	ND	1.6	0.804		2-Hexanone	ND	16	0.804	
Bromodichloromethane	ND	0.80	0.804		Isopropylbenzene	ND	0.80	0.804	
Bromoform	ND	4.0	0.804		p-Isopropyltoluene	ND	0.80	0.804	
Bromomethane	ND	16	0.804		Methylene Chloride	ND	8.0	0.804	
2-Butanone	ND	16	0.804		4-Methyl-2-Pentanone	ND	16	0.804	
n-Butylbenzene	ND	0.80	0.804		Naphthalene	ND	8.0	0.804	
sec-Butylbenzene	ND	0.80	0.804		n-Propylbenzene	ND	0.80	0.804	
tert-Butylbenzene	ND	0.80	0.804		Styrene	ND	0.80	0.804	
Carbon Disulfide	ND	8.0	0.804		1,1,1,2-Tetrachloroethane	ND	0.80	0.804	
Carbon Tetrachloride	ND	0.80	0.804		1,1,2,2-Tetrachloroethane	ND	1.6	0.804	
Chlorobenzene	ND	0.80	0.804		Tetrachloroethene	1600	87	87.4	
Chloroethane	ND	1.6	0.804		Toluene	ND	0.80	0.804	
Chloroform	3.6	0.8	0.804		1,2,3-Trichlorobenzene	ND	1.6	0.804	
Chloromethane	ND	16	0.804		1,2,4-Trichlorobenzene	ND	1.6	0.804	
2-Chlorotoluene	ND	0.80	0.804		1,1,1-Trichloroethane	ND	0.80	0.804	
4-Chlorotoluene	ND	0.80	0.804		1,1,2-Trichloroethane	ND	0.80	0.804	
Dibromochloromethane	ND	1.6	0.804		1,1,2-Trichloro-1,2,2-Trifluoroethane	35	8	0.804	
1,2-Dibromo-3-Chloropropane	ND	4.0	0.804		Trichloroethene	96	2	0.804	
1,2-Dibromoethane	ND	0.80	0.804		Trichlorofluoromethane	38	8	0.804	
Dibromomethane	ND	0.80	0.804		1,2,3-Trichloropropane	ND	1.6	0.804	
1,2-Dichlorobenzene	ND	0.80	0.804		1,2,4-Trimethylbenzene	ND	1.6	0.804	
1,3-Dichlorobenzene	ND	0.80	0.804		1,3,5-Trimethylbenzene	ND	1.6	0.804	
1,4-Dichlorobenzene	ND	0.80	0.804		Vinyl Acetate	ND	8.0	0.804	
Dichlorodifluoromethane	ND	1.6	0.804		Vinyl Chloride	ND	0.80	0.804	
1,1-Dichloroethane	4.9	0.8	0.804		p/m-Xylene	ND	1.6	0.804	
1,2-Dichloroethane	ND	0.80	0.804		o-Xylene	ND	0.80	0.804	
1,1-Dichloroethene	250	87	87.4		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.804	
c-1,2-Dichloroethene	ND	0.80	0.804		Tert-Butyl Alcohol (TBA)	ND	16	0.804	
t-1,2-Dichloroethene	7.5	0.8	0.804		Diisopropyl Ether (DIPE)	ND	0.80	0.804	
1,2-Dichloropropane	ND	0.80	0.804		Ethyl-t-Butyl Ether (ETBE)	ND	0.80	0.804	
1,3-Dichloropropane	ND	0.80	0.804		Tert-Amyl-Methyl Ether (TAME)	ND	0.80	0.804	
2,2-Dichloropropane	ND	4.0	0.804		Ethanol	ND	400	0.804	
1,1-Dichloropropene	ND	1.6	0.804						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	135	71-137		1,2-Dichloroethane-d4	155	58-160	
1,4-Bromofluorobenzene	84	66-126		Toluene-d8	96	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	12/16/05
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-B1-53	**05-12-1012-3**	**12/16/05**	**Solid**	**12/16/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.873		c-1,3-Dichloropropene	ND	0.87	0.873	
Benzene	1.2	0.9	0.873		t-1,3-Dichloropropene	ND	1.7	0.873	
Bromobenzene	ND	0.87	0.873		Ethylbenzene	ND	0.87	0.873	
Bromochloromethane	ND	1.7	0.873		2-Hexanone	ND	17	0.873	
Bromodichloromethane	ND	0.87	0.873		Isopropylbenzene	ND	0.87	0.873	
Bromoform	ND	4.4	0.873		p-Isopropyltoluene	ND	0.87	0.873	
Bromomethane	ND	17	0.873		Methylene Chloride	ND	8.7	0.873	
2-Butanone	ND	17	0.873		4-Methyl-2-Pentanone	ND	17	0.873	
n-Butylbenzene	ND	0.87	0.873		Naphthalene	ND	8.7	0.873	
sec-Butylbenzene	ND	0.87	0.873		n-Propylbenzene	ND	0.87	0.873	
tert-Butylbenzene	ND	0.87	0.873		Styrene	ND	0.87	0.873	
Carbon Disulfide	ND	8.7	0.873		1,1,1,2-Tetrachloroethane	ND	0.87	0.873	
Carbon Tetrachloride	ND	0.87	0.873		1,1,2,2-Tetrachloroethane	ND	1.7	0.873	
Chlorobenzene	ND	0.87	0.873		Tetrachloroethene	1900	85	84.5	
Chloroethane	ND	1.7	0.873		Toluene	ND	0.87	0.873	
Chloroform	9.4	0.9	0.873		1,2,3-Trichlorobenzene	ND	1.7	0.873	
Chloromethane	ND	17	0.873		1,2,4-Trichlorobenzene	ND	1.7	0.873	
2-Chlorotoluene	ND	0.87	0.873		1,1,1-Trichloroethane	1.4	0.9	0.873	
4-Chlorotoluene	ND	0.87	0.873		1,1,2-Trichloroethane	ND	0.87	0.873	
Dibromochloromethane	ND	1.7	0.873		1,1,2-Trichloro-1,2,2-Trifluoroethane	24	9	0.873	
1,2-Dibromo-3-Chloropropane	ND	4.4	0.873		Trichloroethene	120	2	0.873	
1,2-Dibromoethane	ND	0.87	0.873		Trichlorofluoromethane	29	9	0.873	
Dibromomethane	ND	0.87	0.873		1,2,3-Trichloropropane	ND	1.7	0.873	
1,2-Dichlorobenzene	ND	0.87	0.873		1,2,4-Trimethylbenzene	ND	1.7	0.873	
1,3-Dichlorobenzene	ND	0.87	0.873		1,3,5-Trimethylbenzene	ND	1.7	0.873	
1,4-Dichlorobenzene	ND	0.87	0.873		Vinyl Acetate	ND	8.7	0.873	
Dichlorodifluoromethane	ND	1.7	0.873		Vinyl Chloride	ND	0.87	0.873	
1,1-Dichloroethane	7.1	0.9	0.873		p/m-Xylene	ND	1.7	0.873	
1,2-Dichloroethane	ND	0.87	0.873		o-Xylene	ND	0.87	0.873	
1,1-Dichloroethene	210	85	84.5		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.873	
c-1,2-Dichloroethene	ND	0.87	0.873		Tert-Butyl Alcohol (TBA)	ND	17	0.873	
t-1,2-Dichloroethene	17	1	0.873		Diisopropyl Ether (DIPE)	ND	0.87	0.873	
1,2-Dichloropropane	ND	0.87	0.873		Ethyl-t-Butyl Ether (ETBE)	ND	0.87	0.873	
1,3-Dichloropropane	ND	0.87	0.873		Tert-Amyl-Methyl Ether (TAME)	ND	0.87	0.873	
2,2-Dichloropropane	ND	4.4	0.873		Ethanol	ND	440	0.873	
1,1-Dichloropropene	ND	1.7	0.873						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	130	71-137		1,2-Dichloroethane-d4	148	58-160	
1,4-Bromofluorobenzene	84	66-126		Toluene-d8	96	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/16/05
Work Order No: 05-12-1012
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP-14-B1-74	**05-12-1012-4**	**12/16/05**	**Solid**	**12/16/05**	**12/19/05**	**051219L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1600	80.1		c-1,3-Dichloropropene	ND	80	80.1	
Benzene	ND	80	80.1		t-1,3-Dichloropropene	ND	160	80.1	
Bromobenzene	ND	80	80.1		Ethylbenzene	ND	80	80.1	
Bromochloromethane	ND	160	80.1		2-Hexanone	ND	1600	80.1	
Bromodichloromethane	ND	80	80.1		Isopropylbenzene	ND	80	80.1	
Bromoform	ND	400	80.1		p-Isopropyltoluene	ND	80	80.1	
Bromomethane	ND	1600	80.1		Methylene Chloride	ND	800	80.1	
2-Butanone	ND	1600	80.1		4-Methyl-2-Pentanone	ND	1600	80.1	
n-Butylbenzene	ND	80	80.1		Naphthalene	ND	800	80.1	
sec-Butylbenzene	ND	80	80.1		n-Propylbenzene	ND	80	80.1	
tert-Butylbenzene	ND	80	80.1		Styrene	ND	80	80.1	
Carbon Disulfide	ND	800	80.1		1,1,1,2-Tetrachloroethane	ND	80	80.1	
Carbon Tetrachloride	ND	80	80.1		1,1,2,2-Tetrachloroethane	ND	160	80.1	
Chlorobenzene	ND	80	80.1		Tetrachloroethene	3300	80	80.1	
Chloroethane	ND	160	80.1		Toluene	ND	80	80.1	
Chloroform	ND	80	80.1		1,2,3-Trichlorobenzene	ND	160	80.1	
Chloromethane	ND	1600	80.1		1,2,4-Trichlorobenzene	ND	160	80.1	
2-Chlorotoluene	ND	80	80.1		1,1,1-Trichloroethane	ND	80	80.1	
4-Chlorotoluene	ND	80	80.1		1,1,2-Trichloroethane	ND	80	80.1	
Dibromochloromethane	ND	160	80.1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	800	80.1	
1,2-Dibromo-3-Chloropropane	ND	400	80.1		Trichloroethene	240	160	80.1	
1,2-Dibromoethane	ND	80	80.1		Trichlorofluoromethane	ND	800	80.1	
Dibromomethane	ND	80	80.1		1,2,3-Trichloropropane	ND	160	80.1	
1,2-Dichlorobenzene	ND	80	80.1		1,2,4-Trimethylbenzene	ND	160	80.1	
1,3-Dichlorobenzene	ND	80	80.1		1,3,5-Trimethylbenzene	ND	160	80.1	
1,4-Dichlorobenzene	ND	80	80.1		Vinyl Acetate	ND	800	80.1	
Dichlorodifluoromethane	ND	160	80.1		Vinyl Chloride	ND	80	80.1	
1,1-Dichloroethane	ND	80	80.1		p/m-Xylene	ND	160	80.1	
1,2-Dichloroethane	ND	80	80.1		o-Xylene	ND	80	80.1	
1,1-Dichloroethene	210	80	80.1		Methyl-t-Butyl Ether (MTBE)	ND	160	80.1	
c-1,2-Dichloroethene	ND	80	80.1		Tert-Butyl Alcohol (TBA)	ND	1600	80.1	
t-1,2-Dichloroethene	ND	80	80.1		Diisopropyl Ether (DIPE)	ND	80	80.1	
1,2-Dichloropropane	ND	80	80.1		Ethyl-t-Butyl Ether (ETBE)	ND	80	80.1	
1,3-Dichloropropane	ND	80	80.1		Tert-Amyl-Methyl Ether (TAME)	ND	80	80.1	
2,2-Dichloropropane	ND	400	80.1		Ethanol	ND	40000	80.1	
1,1-Dichloropropene	ND	160	80.1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	117	71-137		1,2-Dichloroethane-d4	122	58-160	
1,4-Bromofluorobenzene	79	66-126		Toluene-d8	96	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/16/05
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 5 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,550**	**N/A**	**Solid**	**12/19/05**	**12/19/05**	**051219L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	2000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	100	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	113	58-160	
1,4-Bromofluorobenzene	84	66-126		Toluene-d8	93	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/16/05
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 6 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,553**	**N/A**	**Solid**	**12/19/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	118	71-137		1,2-Dichloroethane-d4	125	58-160	
1,4-Bromofluorobenzene	84	66-126		Toluene-d8	92	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/16/05
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 7 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,559**	**N/A**	**Solid**	**12/19/05**	**12/20/05**	**051219L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	2000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	100	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	117	58-160	
1,4-Bromofluorobenzene	83	66-126		Toluene-d8	94	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/16/05
Work Order No: 05-12-1012

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP-14-B1-26	**05-12-1012-1**	**12/16/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	16.6	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1800	500	1		mg/kg	N/A	12/20/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP-14-B1-34	**05-12-1012-2**	**12/16/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	15.8	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	2400	500	1		mg/kg	N/A	12/20/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP-14-B1-53	**05-12-1012-3**	**12/16/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	16.5	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1800	500	1		mg/kg	N/A	12/20/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP-14-B1-74	**05-12-1012-4**	**12/16/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	16.7	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1600	500	1		mg/kg	N/A	12/20/05	EPA 9060

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/16/05
Work Order No: 05-12-1012

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP-14-EB01	**05-12-1012-5**	**12/16/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	0.74	0.50	1		mg/L	N/A	12/19/05	EPA 415.1

Method Blank					**N/A**	**Aqueous**		
Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	ND	0.50	1		mg/L	N/A	12/19/05	EPA 415.1
Carbon, Total Organic	ND	500	1		mg/kg	N/A	12/20/05	EPA 9060

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.	Date Received: 12/16/05
18581 Teller Avenue	Work Order No: 05-12-1012
Suite 200	Preparation: EPA 3545
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-12-1037-8	**Solid**	**GC/MS GG**	**12/20/05**	**12/21/05**	**051220S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	115	116	50-130	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/16/05
Work Order No: 05-12-1012
Preparation: EPA 5030B
Method: EPA 8260B

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-12-1020-1	**Aqueous**	**GC/MS U**	**12/17/05**	**12/17/05**	**051217S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	96	88-118	0	0-7	
Carbon Tetrachloride	113	115	67-145	2	0-11	
Chlorobenzene	102	104	88-118	1	0-7	
1,2-Dichlorobenzene	99	100	86-116	1	0-8	
1,1-Dichloroethene	103	104	70-130	1	0-25	
Toluene	98	99	87-123	1	0-8	
Trichloroethene	104	106	79-127	2	0-10	
Vinyl Chloride	84	86	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	110	113	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	107	109	36-168	3	0-45	
Diisopropyl Ether (DIPE)	94	95	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	97	99	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	103	104	72-126	1	0-12	
Ethanol	69	78	53-149	12	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1012

Project: Omega Chemical

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Carbon, Total Organic	EPA 415.1	05-12-1056-4	12/19/05	N/A	80	70	70-130	1	0-25	
Carbon, Total Organic	EPA 9060	MIP-14-B1-26	12/20/05	N/A	103	104	70-130	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 05-12-1012
Suite 200	
Irvine, CA 92612-1627	

Project: Omega Chemical

Matrix: Solid

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Moisture	ASTM D-2216	MIP-14-B1-26	12/19/05	16.6	16.7	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 3520B
Irvine, CA 92612-1627		Method:	EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-522	**Aqueous**	**GC/MS P**	**12/19/05**	**12/21/05**	**051219L12**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	109	113	50-130	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1012
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-005-104	**Solid**	**GC/MS GG**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	114	109	50-130	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1012
Preparation: EPA 5030B
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-16,622	**Aqueous**	**GC/MS U**	**12/17/05**	**12/17/05**	**051217L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	97	84-120	1	0-8	
Carbon Tetrachloride	115	114	63-147	2	0-10	
Chlorobenzene	104	102	89-119	2	0-7	
1,2-Dichlorobenzene	101	100	89-119	1	0-9	
1,1-Dichloroethene	103	104	77-125	1	0-16	
Toluene	99	99	83-125	0	0-9	
Trichloroethene	105	105	89-119	0	0-8	
Vinyl Chloride	84	84	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	109	112	82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	103	108	46-154	5	0-32	
Diisopropyl Ether (DIPE)	93	95	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	97	99	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	105	76-124	4	0-10	
Ethanol	71	71	60-138	0	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,553	**Solid**	**GC/MS X**	**12/19/05**	**12/19/05**	**051219L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	94	85-115	1	0-11	
Carbon Tetrachloride	93	93	68-134	1	0-14	
Chlorobenzene	94	95	83-119	1	0-9	
1,2-Dichlorobenzene	101	102	57-135	0	0-10	
1,1-Dichloroethene	99	98	72-120	2	0-10	
Toluene	89	89	67-127	0	0-10	
Trichloroethene	92	93	88-112	1	0-9	
Vinyl Chloride	96	94	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	86	86	76-124	0	0-12	
Tert-Butyl Alcohol (TBA)	76	78	31-145	3	0-23	
Diisopropyl Ether (DIPE)	95	96	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	96	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	99	101	81-123	2	0-10	
Ethanol	93	94	44-152	0	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	05-12-1012
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,550	**Solid**	**GC/MS X**	**12/19/05**	**12/19/05**	**051219L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	94	85-115	1	0-11	
Carbon Tetrachloride	93	93	68-134	1	0-14	
Chlorobenzene	94	95	83-119	1	0-9	
1,2-Dichlorobenzene	101	102	57-135	0	0-10	
1,1-Dichloroethene	99	98	72-120	2	0-10	
Toluene	89	89	67-127	0	0-10	
Trichloroethene	92	93	88-112	1	0-9	
Vinyl Chloride	96	94	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	86	86	76-124	0	0-12	
Tert-Butyl Alcohol (TBA)	76	78	31-145	3	0-23	
Diisopropyl Ether (DIPE)	95	96	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	96	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	99	101	81-123	2	0-10	
Ethanol	93	94	44-152	0	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1012
Preparation: EPA 5035
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,559	**Solid**	**GC/MS X**	**12/19/05**	**12/19/05**	**051219L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	98	85-115	1	0-11	
Carbon Tetrachloride	96	97	68-134	1	0-14	
Chlorobenzene	99	97	83-119	2	0-9	
1,2-Dichlorobenzene	100	98	57-135	2	0-10	
1,1-Dichloroethene	100	100	72-120	1	0-10	
Toluene	95	93	67-127	2	0-10	
Trichloroethene	98	99	88-112	1	0-9	
Vinyl Chloride	97	96	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	88	87	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	79	78	31-145	1	0-23	
Diisopropyl Ether (DIPE)	96	97	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	94	96	77-125	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	103	104	81-123	1	0-10	
Ethanol	102	101	44-152	2	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1012

Project: Omega Chemical

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Carbon, Total Organic	EPA 415.1	099-05-097-2,124	12/19/05	N/A	10	9.7	97	80-120	
Carbon, Total Organic	EPA 9060	099-06-013-107	12/20/05	N/A	6000	6200	104	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-12-1012

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CalScience Laboratories

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CHAIN-OF-CUSTODY RECORD

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Contact Person: Sharon Walling
Company: COM, Inc. Email:
Address: 18581 Teller Ave., Suite 200 City: Irvine State: CA Zip: 92612
Phone: 949-752-5497 Fax: 949-752-1307
Collected by: (Signature)

Project Info:
P.O. #: 1012
Project #:
Project Name:

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only:
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final
1	MIP-14-B1-26		12/16/05	955	VOCs (5035/8260), Freon 11,12,113, 1,4-dioxane				
2	MIP-14-B1-34			1025					
3	MIP-14-B1-53			1130					
4	MIP-14-B1-74			1230					
5	MIP-14-EB01			1430	VOCs (8260), Freon 11,12,113, 1,4-dioxane				
6	TB-01				VOCs (8260)				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Scott A. Sanderson	12-16-05 1610		
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
	12/16/5 17:02		12-16-05 1702

Notes:

Lab Use Only: Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact? Yes / No / None	Work Order #

Form 1293 rev.10

CalScience Laboratories

05-12-1012

@ AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Contact Person: Sharon Wallin
Company: COM, Inc. Email:
Address: 18581 Teller Ave., Suite 200 City: Irvine State: CA Zip: 92612
Phone: 949-752-5252 Fax: 949-752-1307
Collected by: (Signature)

Project Info:
P.O. # ~~Omega Chem~~ 1012
Project # 01
Project Name: Omega Chemical

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested (Including oxygenates)	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
1	MIP-14-B1-2.6		12/16/05	955	VOCs (5035/8260), Freon 11,12,113, 1,4-dioxane, Total Organic Carbon, Moisture Content				
2	MIP-14-B1-34			1025					
3	MIP-14-B1-53			1130					
4	MIP-14-B1-74			1230					
5	MIP-14-EB01		✓	1430	VOCs (8260), Freon 11,12,113, 1,4-dioxane, Total Organic Carbon				
6	TB-01		✓		VOCs (8260)				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Scott A. Anderson	12-16-05 1610		12/16/5 16[illegible]
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
	12/16/5 1702		12.16.05 1702

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact? Yes No None	Work Order #

Note: Additional analysis requested on 12/17/5 @ 1520.
Scott A Anderson; COM, Inc.

Form 1299 rev.10

ORIGINAL

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05-12-1012

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: CDM **DATE:** 12/16/5

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
✓ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

3.0 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: [signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: [signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: [signature]

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

December 29, 2005

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 05-12-1037**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/17/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/17/05
Work Order No: 05-12-1037
Preparation: EPA 3520B
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-EB02-121705	**05-12-1037-9**	**12/17/05**	**Aqueous**	**12/19/05**	**12/22/05**	**051219L12**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	85	56-123	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-004-522**	**N/A**	**Aqueous**	**12/19/05**	**12/21/05**	**051219L12**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	76	56-123	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/17/05
Work Order No: 05-12-1037
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-05	**05-12-1037-1**	**12/17/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	28	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	115	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-15	**05-12-1037-2**	**12/17/05**	**Solid**	**12/20/05**	**12/27/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	41	1	5		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	107	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-30	**05-12-1037-3**	**12/17/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	1.7	0.2	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	121	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-33	**05-12-1037-4**	**12/17/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	0.52	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	115	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 3545
Irvine, CA 92612-1627		Method:	EPA 8270C(M) Isotope Dilution
Project: Omega Chemical			Page 2 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-42	**05-12-1037-5**	**12/17/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	116	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-57	**05-12-1037-6**	**12/17/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	124	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-57K	**05-12-1037-7**	**12/17/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	117	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-66	**05-12-1037-8**	**12/17/05**	**Solid**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	121	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 3545
Irvine, CA 92612-1627		Method:	EPA 8270C(M) Isotope Dilution
Project: Omega Chemical			Page 3 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-005-104**	**N/A**	**Solid**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	119	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L
Project: Omega Chemical			Page 1 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OC-EB02-121705	**05-12-1037-9**	**12/17/05**	**Aqueous**	**12/19/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	74-140		1,2-Dichloroethane-d4	122	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	102	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TB-02	**05-12-1037-10**	**12/17/05**	**Aqueous**	**12/19/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	74-140		1,2-Dichloroethane-d4	122	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	104	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/17/05
Work Order No: 05-12-1037
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-16,635**	**N/A**	**Aqueous**	**12/19/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	114	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	103	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 1 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-05	**05-12-1037-1**	**12/17/05**	**Solid**	**12/17/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.839		c-1,3-Dichloropropene	ND	0.84	0.839	
Benzene	ND	0.84	0.839		t-1,3-Dichloropropene	ND	1.7	0.839	
Bromobenzene	ND	0.84	0.839		Ethylbenzene	ND	0.84	0.839	
Bromochloromethane	ND	1.7	0.839		2-Hexanone	ND	17	0.839	
Bromodichloromethane	ND	0.84	0.839		Isopropylbenzene	ND	0.84	0.839	
Bromoform	ND	4.2	0.839		p-Isopropyltoluene	ND	0.84	0.839	
Bromomethane	ND	17	0.839		Methylene Chloride	ND	8.4	0.839	
2-Butanone	ND	17	0.839		4-Methyl-2-Pentanone	ND	17	0.839	
n-Butylbenzene	ND	0.84	0.839		Naphthalene	ND	8.4	0.839	
sec-Butylbenzene	ND	0.84	0.839		n-Propylbenzene	ND	0.84	0.839	
tert-Butylbenzene	ND	0.84	0.839		Styrene	ND	0.84	0.839	
Carbon Disulfide	ND	8.4	0.839		1,1,1,2-Tetrachloroethane	ND	0.84	0.839	
Carbon Tetrachloride	ND	0.84	0.839		1,1,2,2-Tetrachloroethane	ND	1.7	0.839	
Chlorobenzene	ND	0.84	0.839		Tetrachloroethene	4300	80	79.7	
Chloroethane	ND	1.7	0.839		Toluene	ND	0.84	0.839	
Chloroform	4.7	0.8	0.839		1,2,3-Trichlorobenzene	ND	1.7	0.839	
Chloromethane	ND	17	0.839		1,2,4-Trichlorobenzene	ND	1.7	0.839	
2-Chlorotoluene	ND	0.84	0.839		1,1,1-Trichloroethane	47	1	0.839	
4-Chlorotoluene	ND	0.84	0.839		1,1,2-Trichloroethane	3.4	0.8	0.839	
Dibromochloromethane	ND	1.7	0.839		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.4	0.839	
1,2-Dibromo-3-Chloropropane	ND	4.2	0.839		Trichloroethene	28	2	0.839	
1,2-Dibromoethane	ND	0.84	0.839		Trichlorofluoromethane	ND	8.4	0.839	
Dibromomethane	ND	0.84	0.839		1,2,3-Trichloropropane	ND	1.7	0.839	
1,2-Dichlorobenzene	0.88	0.84	0.839		1,2,4-Trimethylbenzene	ND	1.7	0.839	
1,3-Dichlorobenzene	ND	0.84	0.839		1,3,5-Trimethylbenzene	ND	1.7	0.839	
1,4-Dichlorobenzene	1.6	0.8	0.839		Vinyl Acetate	ND	8.4	0.839	
Dichlorodifluoromethane	ND	1.7	0.839		Vinyl Chloride	ND	0.84	0.839	
1,1-Dichloroethane	8.4	0.8	0.839		p/m-Xylene	ND	1.7	0.839	
1,2-Dichloroethane	6.3	0.8	0.839		o-Xylene	ND	0.84	0.839	
1,1-Dichloroethene	3.9	0.8	0.839		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.839	
c-1,2-Dichloroethene	ND	0.84	0.839		Tert-Butyl Alcohol (TBA)	ND	17	0.839	
t-1,2-Dichloroethene	ND	0.84	0.839		Diisopropyl Ether (DIPE)	ND	0.84	0.839	
1,2-Dichloropropane	ND	0.84	0.839		Ethyl-t-Butyl Ether (ETBE)	ND	0.84	0.839	
1,3-Dichloropropane	ND	0.84	0.839		Tert-Amyl-Methyl Ether (TAME)	ND	0.84	0.839	
2,2-Dichloropropane	ND	4.2	0.839		Ethanol	ND	420	0.839	
1,1-Dichloropropene	ND	1.7	0.839						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	132	71-137		1,2-Dichloroethane-d4	143	58-160	
1,4-Bromofluorobenzene	83	66-126		Toluene-d8	102	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 2 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-15	**05-12-1037-2**	**12/17/05**	**Solid**	**12/17/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.861		c-1,3-Dichloropropene	ND	0.86	0.861	
Benzene	ND	0.86	0.861		t-1,3-Dichloropropene	ND	1.7	0.861	
Bromobenzene	ND	0.86	0.861		Ethylbenzene	ND	0.86	0.861	
Bromochloromethane	ND	1.7	0.861		2-Hexanone	ND	17	0.861	
Bromodichloromethane	ND	0.86	0.861		Isopropylbenzene	ND	0.86	0.861	
Bromoform	13	4	0.861		p-Isopropyltoluene	ND	0.86	0.861	
Bromomethane	ND	17	0.861		Methylene Chloride	ND	8.6	0.861	
2-Butanone	ND	17	0.861		4-Methyl-2-Pentanone	ND	17	0.861	
n-Butylbenzene	ND	0.86	0.861		Naphthalene	ND	8.6	0.861	
sec-Butylbenzene	ND	0.86	0.861		n-Propylbenzene	ND	0.86	0.861	
tert-Butylbenzene	ND	0.86	0.861		Styrene	ND	0.86	0.861	
Carbon Disulfide	ND	8.6	0.861		1,1,1,2-Tetrachloroethane	ND	0.86	0.861	
Carbon Tetrachloride	ND	0.86	0.861		1,1,2,2-Tetrachloroethane	ND	1.7	0.861	
Chlorobenzene	ND	0.86	0.861		Tetrachloroethene	2400	87	87	
Chloroethane	ND	1.7	0.861		Toluene	ND	0.86	0.861	
Chloroform	7.1	0.9	0.861		1,2,3-Trichlorobenzene	ND	1.7	0.861	
Chloromethane	ND	17	0.861		1,2,4-Trichlorobenzene	ND	1.7	0.861	
2-Chlorotoluene	ND	0.86	0.861		1,1,1-Trichloroethane	64	1	0.861	
4-Chlorotoluene	ND	0.86	0.861		1,1,2-Trichloroethane	4.1	0.9	0.861	
Dibromochloromethane	ND	1.7	0.861		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.6	0.861	
1,2-Dibromo-3-Chloropropane	ND	4.3	0.861		Trichloroethene	34	2	0.861	
1,2-Dibromoethane	ND	0.86	0.861		Trichlorofluoromethane	ND	8.6	0.861	
Dibromomethane	ND	0.86	0.861		1,2,3-Trichloropropane	ND	1.7	0.861	
1,2-Dichlorobenzene	ND	0.86	0.861		1,2,4-Trimethylbenzene	ND	1.7	0.861	
1,3-Dichlorobenzene	ND	0.86	0.861		1,3,5-Trimethylbenzene	ND	1.7	0.861	
1,4-Dichlorobenzene	ND	0.86	0.861		Vinyl Acetate	ND	8.6	0.861	
Dichlorodifluoromethane	ND	1.7	0.861		Vinyl Chloride	ND	0.86	0.861	
1,1-Dichloroethane	12	1	0.861		p/m-Xylene	ND	1.7	0.861	
1,2-Dichloroethane	16	1	0.861		o-Xylene	ND	0.86	0.861	
1,1-Dichloroethene	10	1	0.861		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.861	
c-1,2-Dichloroethene	ND	0.86	0.861		Tert-Butyl Alcohol (TBA)	ND	17	0.861	
t-1,2-Dichloroethene	ND	0.86	0.861		Diisopropyl Ether (DIPE)	ND	0.86	0.861	
1,2-Dichloropropane	ND	0.86	0.861		Ethyl-t-Butyl Ether (ETBE)	ND	0.86	0.861	
1,3-Dichloropropane	ND	0.86	0.861		Tert-Amyl-Methyl Ether (TAME)	ND	0.86	0.861	
2,2-Dichloropropane	ND	4.3	0.861		Ethanol	ND	430	0.861	
1,1-Dichloropropene	ND	1.7	0.861						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	129	71-137		1,2-Dichloroethane-d4	140	58-160	
1,4-Bromofluorobenzene	83	66-126		Toluene-d8	98	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/17/05
Work Order No: 05-12-1037
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-30	**05-12-1037-3**	**12/17/05**	**Solid**	**12/17/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	0.99		c-1,3-Dichloropropene	ND	0.99	0.99	
Benzene	1.9	1.0	0.99		t-1,3-Dichloropropene	ND	2.0	0.99	
Bromobenzene	ND	0.99	0.99		Ethylbenzene	ND	0.99	0.99	
Bromochloromethane	ND	2.0	0.99		2-Hexanone	ND	20	0.99	
Bromodichloromethane	ND	0.99	0.99		Isopropylbenzene	ND	0.99	0.99	
Bromoform	ND	5.0	0.99		p-Isopropyltoluene	ND	0.99	0.99	
Bromomethane	ND	20	0.99		Methylene Chloride	ND	9.9	0.99	
2-Butanone	ND	20	0.99		4-Methyl-2-Pentanone	ND	20	0.99	
n-Butylbenzene	ND	0.99	0.99		Naphthalene	ND	9.9	0.99	
sec-Butylbenzene	ND	0.99	0.99		n-Propylbenzene	ND	0.99	0.99	
tert-Butylbenzene	ND	0.99	0.99		Styrene	ND	0.99	0.99	
Carbon Disulfide	ND	9.9	0.99		1,1,1,2-Tetrachloroethane	ND	0.99	0.99	
Carbon Tetrachloride	ND	0.99	0.99		1,1,2,2-Tetrachloroethane	ND	2.0	0.99	
Chlorobenzene	ND	0.99	0.99		Tetrachloroethene	3600	83	83.2	
Chloroethane	ND	2.0	0.99		Toluene	ND	0.99	0.99	
Chloroform	13	1	0.99		1,2,3-Trichlorobenzene	ND	2.0	0.99	
Chloromethane	ND	20	0.99		1,2,4-Trichlorobenzene	ND	2.0	0.99	
2-Chlorotoluene	ND	0.99	0.99		1,1,1-Trichloroethane	28	1	0.99	
4-Chlorotoluene	ND	0.99	0.99		1,1,2-Trichloroethane	11	1	0.99	
Dibromochloromethane	ND	2.0	0.99		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.9	0.99	
1,2-Dibromo-3-Chloropropane	ND	5.0	0.99		Trichloroethene	35	2	0.99	
1,2-Dibromoethane	ND	0.99	0.99		Trichlorofluoromethane	ND	9.9	0.99	
Dibromomethane	ND	0.99	0.99		1,2,3-Trichloropropane	ND	2.0	0.99	
1,2-Dichlorobenzene	ND	0.99	0.99		1,2,4-Trimethylbenzene	ND	2.0	0.99	
1,3-Dichlorobenzene	ND	0.99	0.99		1,3,5-Trimethylbenzene	ND	2.0	0.99	
1,4-Dichlorobenzene	ND	0.99	0.99		Vinyl Acetate	ND	9.9	0.99	
Dichlorodifluoromethane	ND	2.0	0.99		Vinyl Chloride	ND	0.99	0.99	
1,1-Dichloroethane	13	1	0.99		p/m-Xylene	ND	2.0	0.99	
1,2-Dichloroethane	160	1	0.99		o-Xylene	ND	0.99	0.99	
1,1-Dichloroethene	12	1	0.99		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.99	
c-1,2-Dichloroethene	ND	0.99	0.99		Tert-Butyl Alcohol (TBA)	ND	20	0.99	
t-1,2-Dichloroethene	ND	0.99	0.99		Diisopropyl Ether (DIPE)	ND	0.99	0.99	
1,2-Dichloropropane	ND	0.99	0.99		Ethyl-t-Butyl Ether (ETBE)	ND	0.99	0.99	
1,3-Dichloropropane	ND	0.99	0.99		Tert-Amyl-Methyl Ether (TAME)	ND	0.99	0.99	
2,2-Dichloropropane	ND	5.0	0.99		Ethanol	ND	500	0.99	
1,1-Dichloropropene	ND	2.0	0.99						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	129	71-137		1,2-Dichloroethane-d4	142	58-160	
1,4-Bromofluorobenzene	81	66-126		Toluene-d8	94	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 4 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-33	**05-12-1037-4**	**12/17/05**	**Solid**	**12/17/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.838		c-1,3-Dichloropropene	ND	0.84	0.838	
Benzene	1.5	0.8	0.838		t-1,3-Dichloropropene	ND	1.7	0.838	
Bromobenzene	ND	0.84	0.838		Ethylbenzene	ND	0.84	0.838	
Bromochloromethane	ND	1.7	0.838		2-Hexanone	ND	17	0.838	
Bromodichloromethane	ND	0.84	0.838		Isopropylbenzene	ND	0.84	0.838	
Bromoform	25	4	0.838		p-Isopropyltoluene	ND	0.84	0.838	
Bromomethane	ND	17	0.838		Methylene Chloride	ND	8.4	0.838	
2-Butanone	ND	17	0.838		4-Methyl-2-Pentanone	ND	17	0.838	
n-Butylbenzene	ND	0.84	0.838		Naphthalene	ND	8.4	0.838	
sec-Butylbenzene	ND	0.84	0.838		n-Propylbenzene	ND	0.84	0.838	
tert-Butylbenzene	ND	0.84	0.838		Styrene	ND	0.84	0.838	
Carbon Disulfide	ND	8.4	0.838		1,1,1,2-Tetrachloroethane	ND	0.84	0.838	
Carbon Tetrachloride	ND	0.84	0.838		1,1,2,2-Tetrachloroethane	ND	1.7	0.838	
Chlorobenzene	ND	0.84	0.838		Tetrachloroethene	1700	89	89	
Chloroethane	ND	1.7	0.838		Toluene	ND	0.84	0.838	
Chloroform	18	1	0.838		1,2,3-Trichlorobenzene	ND	1.7	0.838	
Chloromethane	ND	17	0.838		1,2,4-Trichlorobenzene	ND	1.7	0.838	
2-Chlorotoluene	ND	0.84	0.838		1,1,1-Trichloroethane	39	1	0.838	
4-Chlorotoluene	ND	0.84	0.838		1,1,2-Trichloroethane	11	1	0.838	
Dibromochloromethane	ND	1.7	0.838		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.4	0.838	
1,2-Dibromo-3-Chloropropane	ND	4.2	0.838		Trichloroethene	43	2	0.838	
1,2-Dibromoethane	ND	0.84	0.838		Trichlorofluoromethane	ND	8.4	0.838	
Dibromomethane	ND	0.84	0.838		1,2,3-Trichloropropane	ND	1.7	0.838	
1,2-Dichlorobenzene	ND	0.84	0.838		1,2,4-Trimethylbenzene	ND	1.7	0.838	
1,3-Dichlorobenzene	ND	0.84	0.838		1,3,5-Trimethylbenzene	ND	1.7	0.838	
1,4-Dichlorobenzene	ND	0.84	0.838		Vinyl Acetate	ND	8.4	0.838	
Dichlorodifluoromethane	ND	1.7	0.838		Vinyl Chloride	ND	0.84	0.838	
1,1-Dichloroethane	18	1	0.838		p/m-Xylene	ND	1.7	0.838	
1,2-Dichloroethane	260	89	89		o-Xylene	ND	0.84	0.838	
1,1-Dichloroethene	ND	0.84	0.838		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.838	
c-1,2-Dichloroethene	ND	0.84	0.838		Tert-Butyl Alcohol (TBA)	ND	17	0.838	
t-1,2-Dichloroethene	ND	0.84	0.838		Diisopropyl Ether (DIPE)	ND	0.84	0.838	
1,2-Dichloropropane	ND	0.84	0.838		Ethyl-t-Butyl Ether (ETBE)	ND	0.84	0.838	
1,3-Dichloropropane	ND	0.84	0.838		Tert-Amyl-Methyl Ether (TAME)	ND	0.84	0.838	
2,2-Dichloropropane	ND	4.2	0.838		Ethanol	ND	420	0.838	
1,1-Dichloropropene	ND	1.7	0.838						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	130	71-137		1,2-Dichloroethane-d4	142	58-160	
1,4-Bromofluorobenzene	82	66-126		Toluene-d8	93	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 5 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-42	**05-12-1037-5**	**12/17/05**	**Solid**	**12/17/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	18	0.898		c-1,3-Dichloropropene	ND	0.90	0.898	
Benzene	3.3	0.9	0.898		t-1,3-Dichloropropene	ND	1.8	0.898	
Bromobenzene	ND	0.90	0.898		Ethylbenzene	ND	0.90	0.898	
Bromochloromethane	ND	1.8	0.898		2-Hexanone	ND	18	0.898	
Bromodichloromethane	ND	0.90	0.898		Isopropylbenzene	ND	0.90	0.898	
Bromoform	ND	4.5	0.898		p-Isopropyltoluene	ND	0.90	0.898	
Bromomethane	ND	18	0.898		Methylene Chloride	ND	9.0	0.898	
2-Butanone	ND	18	0.898		4-Methyl-2-Pentanone	ND	18	0.898	
n-Butylbenzene	ND	0.90	0.898		Naphthalene	ND	9.0	0.898	
sec-Butylbenzene	ND	0.90	0.898		n-Propylbenzene	ND	0.90	0.898	
tert-Butylbenzene	ND	0.90	0.898		Styrene	ND	0.90	0.898	
Carbon Disulfide	ND	9.0	0.898		1,1,1,2-Tetrachloroethane	ND	0.90	0.898	
Carbon Tetrachloride	ND	0.90	0.898		1,1,2,2-Tetrachloroethane	ND	1.8	0.898	
Chlorobenzene	ND	0.90	0.898		Tetrachloroethene	2700	89	88.8	
Chloroethane	ND	1.8	0.898		Toluene	ND	0.90	0.898	
Chloroform	40	1	0.898		1,2,3-Trichlorobenzene	ND	1.8	0.898	
Chloromethane	ND	18	0.898		1,2,4-Trichlorobenzene	ND	1.8	0.898	
2-Chlorotoluene	ND	0.90	0.898		1,1,1-Trichloroethane	26	1	0.898	
4-Chlorotoluene	ND	0.90	0.898		1,1,2-Trichloroethane	19	1	0.898	
Dibromochloromethane	ND	1.8	0.898		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.0	0.898	
1,2-Dibromo-3-Chloropropane	ND	4.5	0.898		Trichloroethene	74	2	0.898	
1,2-Dibromoethane	ND	0.90	0.898		Trichlorofluoromethane	ND	9.0	0.898	
Dibromomethane	ND	0.90	0.898		1,2,3-Trichloropropane	ND	1.8	0.898	
1,2-Dichlorobenzene	0.93	0.90	0.898		1,2,4-Trimethylbenzene	ND	1.8	0.898	
1,3-Dichlorobenzene	ND	0.90	0.898		1,3,5-Trimethylbenzene	ND	1.8	0.898	
1,4-Dichlorobenzene	ND	0.90	0.898		Vinyl Acetate	ND	9.0	0.898	
Dichlorodifluoromethane	ND	1.8	0.898		Vinyl Chloride	ND	0.90	0.898	
1,1-Dichloroethane	23	1	0.898		p/m-Xylene	ND	1.8	0.898	
1,2-Dichloroethane	220	89	88.8		o-Xylene	ND	0.90	0.898	
1,1-Dichloroethene	35	1	0.898		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.898	
c-1,2-Dichloroethene	ND	0.90	0.898		Tert-Butyl Alcohol (TBA)	ND	18	0.898	
t-1,2-Dichloroethene	1.7	0.9	0.898		Diisopropyl Ether (DIPE)	ND	0.90	0.898	
1,2-Dichloropropane	ND	0.90	0.898		Ethyl-t-Butyl Ether (ETBE)	ND	0.90	0.898	
1,3-Dichloropropane	ND	0.90	0.898		Tert-Amyl-Methyl Ether (TAME)	ND	0.90	0.898	
2,2-Dichloropropane	ND	4.5	0.898		Ethanol	ND	450	0.898	
1,1-Dichloropropene	ND	1.8	0.898						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	135	71-137		1,2-Dichloroethane-d4	149	58-160	
1,4-Bromofluorobenzene	81	66-126		Toluene-d8	94	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 6 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-57	**05-12-1037-6**	**12/17/05**	**Solid**	**12/17/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	21	20	0.984		c-1,3-Dichloropropene	ND	0.98	0.984	
Benzene	7.8	1.0	0.984		t-1,3-Dichloropropene	ND	2.0	0.984	
Bromobenzene	ND	0.98	0.984		Ethylbenzene	ND	0.98	0.984	
Bromochloromethane	ND	2.0	0.984		2-Hexanone	ND	20	0.984	
Bromodichloromethane	ND	0.98	0.984		Isopropylbenzene	ND	0.98	0.984	
Bromoform	ND	4.9	0.984		p-Isopropyltoluene	ND	0.98	0.984	
Bromomethane	ND	20	0.984		Methylene Chloride	33	10	0.984	
2-Butanone	ND	20	0.984		4-Methyl-2-Pentanone	ND	20	0.984	
n-Butylbenzene	ND	0.98	0.984		Naphthalene	ND	9.8	0.984	
sec-Butylbenzene	ND	0.98	0.984		n-Propylbenzene	ND	0.98	0.984	
tert-Butylbenzene	ND	0.98	0.984		Styrene	ND	0.98	0.984	
Carbon Disulfide	ND	9.8	0.984		1,1,1,2-Tetrachloroethane	2.6	1.0	0.984	
Carbon Tetrachloride	ND	0.98	0.984		1,1,2,2-Tetrachloroethane	ND	2.0	0.984	
Chlorobenzene	ND	0.98	0.984		Tetrachloroethene	6900	85	84.9	
Chloroethane	ND	2.0	0.984		Toluene	1.6	1.0	0.984	
Chloroform	65	1	0.984		1,2,3-Trichlorobenzene	ND	2.0	0.984	
Chloromethane	ND	20	0.984		1,2,4-Trichlorobenzene	ND	2.0	0.984	
2-Chlorotoluene	ND	0.98	0.984		1,1,1-Trichloroethane	30	1	0.984	
4-Chlorotoluene	ND	0.98	0.984		1,1,2-Trichloroethane	25	1	0.984	
Dibromochloromethane	ND	2.0	0.984		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.8	0.984	
1,2-Dibromo-3-Chloropropane	ND	4.9	0.984		Trichloroethene	120	2	0.984	
1,2-Dibromoethane	ND	0.98	0.984		Trichlorofluoromethane	ND	9.8	0.984	
Dibromomethane	ND	0.98	0.984		1,2,3-Trichloropropane	ND	2.0	0.984	
1,2-Dichlorobenzene	ND	0.98	0.984		1,2,4-Trimethylbenzene	ND	2.0	0.984	
1,3-Dichlorobenzene	ND	0.98	0.984		1,3,5-Trimethylbenzene	ND	2.0	0.984	
1,4-Dichlorobenzene	ND	0.98	0.984		Vinyl Acetate	ND	9.8	0.984	
Dichlorodifluoromethane	ND	2.0	0.984		Vinyl Chloride	ND	0.98	0.984	
1,1-Dichloroethane	26	1	0.984		p/m-Xylene	ND	2.0	0.984	
1,2-Dichloroethane	74	1	0.984		o-Xylene	ND	0.98	0.984	
1,1-Dichloroethene	50	1	0.984		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.984	
c-1,2-Dichloroethene	ND	0.98	0.984		Tert-Butyl Alcohol (TBA)	ND	20	0.984	
t-1,2-Dichloroethene	2.6	1.0	0.984		Diisopropyl Ether (DIPE)	ND	0.98	0.984	
1,2-Dichloropropane	ND	0.98	0.984		Ethyl-t-Butyl Ether (ETBE)	ND	0.98	0.984	
1,3-Dichloropropane	ND	0.98	0.984		Tert-Amyl-Methyl Ether (TAME)	ND	0.98	0.984	
2,2-Dichloropropane	ND	4.9	0.984		Ethanol	ND	490	0.984	
1,1-Dichloropropene	ND	2.0	0.984						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	136	71-137		1,2-Dichloroethane-d4	150	58-160	
1,4-Bromofluorobenzene	85	66-126		Toluene-d8	95	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 7 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-57K	**05-12-1037-7**	**12/17/05**	**Solid**	**12/17/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	23	17	0.858		c-1,3-Dichloropropene	ND	0.86	0.858	
Benzene	7.3	0.9	0.858		t-1,3-Dichloropropene	ND	1.7	0.858	
Bromobenzene	ND	0.86	0.858		Ethylbenzene	ND	0.86	0.858	
Bromochloromethane	ND	1.7	0.858		2-Hexanone	ND	17	0.858	
Bromodichloromethane	ND	0.86	0.858		Isopropylbenzene	ND	0.86	0.858	
Bromoform	ND	4.3	0.858		p-Isopropyltoluene	ND	0.86	0.858	
Bromomethane	ND	17	0.858		Methylene Chloride	33	9	0.858	
2-Butanone	ND	17	0.858		4-Methyl-2-Pentanone	ND	17	0.858	
n-Butylbenzene	ND	0.86	0.858		Naphthalene	ND	8.6	0.858	
sec-Butylbenzene	ND	0.86	0.858		n-Propylbenzene	ND	0.86	0.858	
tert-Butylbenzene	ND	0.86	0.858		Styrene	ND	0.86	0.858	
Carbon Disulfide	ND	8.6	0.858		1,1,1,2-Tetrachloroethane	2.1	0.9	0.858	
Carbon Tetrachloride	ND	0.86	0.858		1,1,2,2-Tetrachloroethane	ND	1.7	0.858	
Chlorobenzene	ND	0.86	0.858		Tetrachloroethene	3600	100	103	
Chloroethane	ND	1.7	0.858		Toluene	1.6	0.9	0.858	
Chloroform	57	1	0.858		1,2,3-Trichlorobenzene	ND	1.7	0.858	
Chloromethane	ND	17	0.858		1,2,4-Trichlorobenzene	ND	1.7	0.858	
2-Chlorotoluene	ND	0.86	0.858		1,1,1-Trichloroethane	28	1	0.858	
4-Chlorotoluene	ND	0.86	0.858		1,1,2-Trichloroethane	23	1	0.858	
Dibromochloromethane	ND	1.7	0.858		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.6	0.858	
1,2-Dibromo-3-Chloropropane	ND	4.3	0.858		Trichloroethene	110	2	0.858	
1,2-Dibromoethane	ND	0.86	0.858		Trichlorofluoromethane	ND	8.6	0.858	
Dibromomethane	ND	0.86	0.858		1,2,3-Trichloropropane	ND	1.7	0.858	
1,2-Dichlorobenzene	ND	0.86	0.858		1,2,4-Trimethylbenzene	ND	1.7	0.858	
1,3-Dichlorobenzene	ND	0.86	0.858		1,3,5-Trimethylbenzene	ND	1.7	0.858	
1,4-Dichlorobenzene	ND	0.86	0.858		Vinyl Acetate	ND	8.6	0.858	
Dichlorodifluoromethane	ND	1.7	0.858		Vinyl Chloride	ND	0.86	0.858	
1,1-Dichloroethane	24	1	0.858		p/m-Xylene	ND	1.7	0.858	
1,2-Dichloroethane	72	1	0.858		o-Xylene	ND	0.86	0.858	
1,1-Dichloroethene	46	1	0.858		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.858	
c-1,2-Dichloroethene	ND	0.86	0.858		Tert-Butyl Alcohol (TBA)	ND	17	0.858	
t-1,2-Dichloroethene	2.5	0.9	0.858		Diisopropyl Ether (DIPE)	ND	0.86	0.858	
1,2-Dichloropropane	ND	0.86	0.858		Ethyl-t-Butyl Ether (ETBE)	ND	0.86	0.858	
1,3-Dichloropropane	ND	0.86	0.858		Tert-Amyl-Methyl Ether (TAME)	ND	0.86	0.858	
2,2-Dichloropropane	ND	4.3	0.858		Ethanol	ND	430	0.858	
1,1-Dichloropropene	ND	1.7	0.858						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	134	71-137		1,2-Dichloroethane-d4	147	58-160	
1,4-Bromofluorobenzene	83	66-126		Toluene-d8	95	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP3-B2-66	**05-12-1037-8**	**12/17/05**	**Solid**	**12/17/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	0.99		c-1,3-Dichloropropene	ND	0.99	0.99	
Benzene	3.9	1.0	0.99		t-1,3-Dichloropropene	ND	2.0	0.99	
Bromobenzene	ND	0.99	0.99		Ethylbenzene	ND	0.99	0.99	
Bromochloromethane	ND	2.0	0.99		2-Hexanone	ND	20	0.99	
Bromodichloromethane	ND	0.99	0.99		Isopropylbenzene	ND	0.99	0.99	
Bromoform	ND	5.0	0.99		p-Isopropyltoluene	ND	0.99	0.99	
Bromomethane	ND	20	0.99		Methylene Chloride	21	10	0.99	
2-Butanone	ND	20	0.99		4-Methyl-2-Pentanone	ND	20	0.99	
n-Butylbenzene	ND	0.99	0.99		Naphthalene	ND	9.9	0.99	
sec-Butylbenzene	ND	0.99	0.99		n-Propylbenzene	ND	0.99	0.99	
tert-Butylbenzene	ND	0.99	0.99		Styrene	ND	0.99	0.99	
Carbon Disulfide	ND	9.9	0.99		1,1,1,2-Tetrachloroethane	5.0	1.0	0.99	
Carbon Tetrachloride	ND	0.99	0.99		1,1,2,2-Tetrachloroethane	ND	2.0	0.99	
Chlorobenzene	ND	0.99	0.99		Tetrachloroethene	18000	310	313	
Chloroethane	ND	2.0	0.99		Toluene	ND	0.99	0.99	
Chloroform	61	1	0.99		1,2,3-Trichlorobenzene	ND	2.0	0.99	
Chloromethane	ND	20	0.99		1,2,4-Trichlorobenzene	ND	2.0	0.99	
2-Chlorotoluene	ND	0.99	0.99		1,1,1-Trichloroethane	54	1	0.99	
4-Chlorotoluene	ND	0.99	0.99		1,1,2-Trichloroethane	44	1	0.99	
Dibromochloromethane	ND	2.0	0.99		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.9	0.99	
1,2-Dibromo-3-Chloropropane	ND	5.0	0.99		Trichloroethene	150	2	0.99	
1,2-Dibromoethane	ND	0.99	0.99		Trichlorofluoromethane	ND	9.9	0.99	
Dibromomethane	ND	0.99	0.99		1,2,3-Trichloropropane	ND	2.0	0.99	
1,2-Dichlorobenzene	ND	0.99	0.99		1,2,4-Trimethylbenzene	ND	2.0	0.99	
1,3-Dichlorobenzene	ND	0.99	0.99		1,3,5-Trimethylbenzene	ND	2.0	0.99	
1,4-Dichlorobenzene	ND	0.99	0.99		Vinyl Acetate	ND	9.9	0.99	
Dichlorodifluoromethane	ND	2.0	0.99		Vinyl Chloride	ND	0.99	0.99	
1,1-Dichloroethane	21	1	0.99		p/m-Xylene	ND	2.0	0.99	
1,2-Dichloroethane	72	1	0.99		o-Xylene	ND	0.99	0.99	
1,1-Dichloroethene	56	1	0.99		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.99	
c-1,2-Dichloroethene	ND	0.99	0.99		Tert-Butyl Alcohol (TBA)	ND	20	0.99	
t-1,2-Dichloroethene	2.5	1.0	0.99		Diisopropyl Ether (DIPE)	ND	0.99	0.99	
1,2-Dichloropropane	ND	0.99	0.99		Ethyl-t-Butyl Ether (ETBE)	ND	0.99	0.99	
1,3-Dichloropropane	ND	0.99	0.99		Tert-Amyl-Methyl Ether (TAME)	ND	0.99	0.99	
2,2-Dichloropropane	ND	5.0	0.99		Ethanol	ND	500	0.99	
1,1-Dichloropropene	ND	2.0	0.99						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	133	71-137		1,2-Dichloroethane-d4	144	58-160	
1,4-Bromofluorobenzene	86	66-126		Toluene-d8	96	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 9 of 11

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,553**	**N/A**	**Solid**	**12/19/05**	**12/19/05**	**051219L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	118	71-137		1,2-Dichloroethane-d4	125	58-160	
1,4-Bromofluorobenzene	84	66-126		Toluene-d8	92	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/17/05
Work Order No: 05-12-1037
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,560**	**N/A**	**Solid**	**12/20/05**	**12/20/05**	**051220L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	2000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	100	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	71-137		1,2-Dichloroethane-d4	94	58-160	
1,4-Bromofluorobenzene	83	66-126		Toluene-d8	102	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/17/05
Work Order No: 05-12-1037
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,570**	**N/A**	**Solid**	**12/20/05**	**12/21/05**	**051220L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	2000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	100	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	116	71-137		1,2-Dichloroethane-d4	116	58-160	
1,4-Bromofluorobenzene	84	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/17/05
Work Order No: 05-12-1037

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP3-B2-05	**05-12-1037-1**	**12/17/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	17.3	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	5300	500	1		mg/kg	N/A	12/20/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP3-B2-15	**05-12-1037-2**	**12/17/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	16.6	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	2400	500	1		mg/kg	N/A	12/20/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP3-B2-30	**05-12-1037-3**	**12/17/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	18.2	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1900	500	1		mg/kg	N/A	12/20/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP3-B2-33	**05-12-1037-4**	**12/17/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	16.9	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1300	500	1		mg/kg	N/A	12/20/05	EPA 9060

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/17/05
Work Order No: 05-12-1037

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP3-B2-42	**05-12-1037-5**	**12/17/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	14.9	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1100	500	1		mg/kg	N/A	12/20/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP3-B2-57	**05-12-1037-6**	**12/17/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	14.9	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1800	500	1		mg/kg	N/A	12/20/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP3-B2-57K	**05-12-1037-7**	**12/17/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	15.4	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1200	500	1		mg/kg	N/A	12/20/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP3-B2-66	**05-12-1037-8**	**12/17/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	17.2	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1000	500	1		mg/kg	N/A	12/20/05	EPA 9060

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.	Date Received:	12/17/05
18581 Teller Avenue	Work Order No:	05-12-1037
Suite 200		
Irvine, CA 92612-1627		

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix
OC-EB02-121705	**05-12-1037-9**	**12/17/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	0.60	0.50	1		mg/L	N/A	12/19/05	EPA 415.1

Method Blank			**N/A**		**Aqueous**			
Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	ND	0.50	1		mg/L	N/A	12/19/05	EPA 415.1
Carbon, Total Organic	ND	500	1		mg/kg	N/A	12/20/05	EPA 9060

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.	Date Received: 12/17/05
18581 Teller Avenue	Work Order No: 05-12-1037
Suite 200	Preparation: EPA 3545
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MIP3-B2-66	**Solid**	**GC/MS GG**	**12/20/05**	**12/21/05**	**051220S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	115	116	50-130	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.		Date Received:	12/17/05
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-12-1025-2	**Aqueous**	**GC/MS U**	**12/19/05**	**12/19/05**	**051219S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	97	88-118	0	0-7	
Carbon Tetrachloride	117	118	67-145	0	0-11	
Chlorobenzene	104	104	88-118	0	0-7	
1,2-Dichlorobenzene	99	101	86-116	2	0-8	
1,1-Dichloroethene	106	105	70-130	0	0-25	
Toluene	99	99	87-123	0	0-8	
Trichloroethene	106	109	79-127	3	0-10	
Vinyl Chloride	86	86	69-129	0	0-13	
Methyl-t-Butyl Ether (MTBE)	109	111	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	96	108	36-168	12	0-45	
Diisopropyl Ether (DIPE)	93	94	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	97	99	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	103	72-126	3	0-12	
Ethanol	71	71	53-149	0	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1037

Project: Omega Chemical

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Carbon, Total Organic	EPA 415.1	05-12-1056-4	12/19/05	N/A	80	70	70-130	1	0-25	
Carbon, Total Organic	EPA 9060	05-12-1012-1	12/20/05	N/A	103	104	70-130	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 05-12-1037
Suite 200	
Irvine, CA 92612-1627	

Project: Omega Chemical

Matrix: Solid

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Moisture	ASTM D-2216	05-12-1012-1	12/19/05	16.6	16.7	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 05-12-1037
Suite 200	Preparation: EPA 3520B
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-522	**Aqueous**	**GC/MS P**	**12/19/05**	**12/21/05**	**051219L12**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	109	113	50-130	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 3545
Irvine, CA 92612-1627		Method:	EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-005-104	**Solid**	**GC/MS GG**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	114	109	50-130	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-16,635	**Aqueous**	**GC/MS U**	**12/19/05**	**12/19/05**	**051219L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	96	84-120	0	0-8	
Carbon Tetrachloride	118	115	63-147	3	0-10	
Chlorobenzene	103	103	89-119	0	0-7	
1,2-Dichlorobenzene	98	98	89-119	0	0-9	
1,1-Dichloroethene	106	103	77-125	3	0-16	
Toluene	98	98	83-125	1	0-9	
Trichloroethene	105	105	89-119	0	0-8	
Vinyl Chloride	86	84	63-135	2	0-13	
Methyl-t-Butyl Ether (MTBE)	108	111	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	93	102	46-154	9	0-32	
Diisopropyl Ether (DIPE)	93	93	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	97	98	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	103	104	76-124	1	0-10	
Ethanol	68	68	60-138	1	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	05-12-1037
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,553	**Solid**	**GC/MS X**	**12/19/05**	**12/19/05**	**051219L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	94	85-115	1	0-11	
Carbon Tetrachloride	93	93	68-134	1	0-14	
Chlorobenzene	94	95	83-119	1	0-9	
1,2-Dichlorobenzene	101	102	57-135	0	0-10	
1,1-Dichloroethene	99	98	72-120	2	0-10	
Toluene	89	89	67-127	0	0-10	
Trichloroethene	92	93	88-112	1	0-9	
Vinyl Chloride	96	94	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	86	86	76-124	0	0-12	
Tert-Butyl Alcohol (TBA)	76	78	31-145	3	0-23	
Diisopropyl Ether (DIPE)	95	96	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	96	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	99	101	81-123	2	0-10	
Ethanol	93	94	44-152	0	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1037
Preparation: EPA 5035
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,560	**Solid**	**GC/MS W**	**12/20/05**	**12/20/05**	**051220L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	105	85-115	1	0-11	
Carbon Tetrachloride	100	101	68-134	1	0-14	
Chlorobenzene	102	100	83-119	2	0-9	
1,2-Dichlorobenzene	99	99	57-135	0	0-10	
1,1-Dichloroethene	100	102	72-120	2	0-10	
Toluene	110	110	67-127	0	0-10	
Trichloroethene	104	105	88-112	1	0-9	
Vinyl Chloride	106	105	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	81	86	76-124	6	0-12	
Tert-Butyl Alcohol (TBA)	61	66	31-145	7	0-23	
Diisopropyl Ether (DIPE)	113	112	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	107	107	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	114	115	81-123	1	0-10	
Ethanol	93	100	44-152	8	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1037
Preparation: EPA 5035
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,570	**Solid**	**GC/MS Q**	**12/20/05**	**12/21/05**	**051220L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	85-115	1	0-11	
Carbon Tetrachloride	103	101	68-134	2	0-14	
Chlorobenzene	103	103	83-119	1	0-9	
1,2-Dichlorobenzene	105	105	57-135	0	0-10	
1,1-Dichloroethene	85	85	72-120	1	0-10	
Toluene	103	103	67-127	0	0-10	
Trichloroethene	99	99	88-112	0	0-9	
Vinyl Chloride	89	91	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	81	79	76-124	3	0-12	
Tert-Butyl Alcohol (TBA)	81	80	31-145	1	0-23	
Diisopropyl Ether (DIPE)	106	105	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	97	95	77-125	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	99	81-123	2	0-10	
Ethanol	87	87	44-152	0	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1037

Project: Omega Chemical

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Carbon, Total Organic	EPA 415.1	099-05-097-2,124	12/19/05	N/A	10	9.7	97	80-120	
Carbon, Total Organic	EPA 9060	099-06-013-107	12/20/05	N/A	6000	6200	104	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-12-1037

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

1037

CHAIN OF CUSTODY RECORD

Date 12/17/05

Page 1 of 1

LABORATORY CLIENT: CDM, Inc.	CLIENT PROJECT NAME / NUMBER: Omega Chemical	P.O. NO.:
ADDRESS: 18581 Teller Ave., Suite 200	PROJECT CONTACT: Sharon Wallin	LAB USE ONLY 12-1037
CITY: Irvine STATE: CA ZIP: 92612	SAMPLER(S): (SIGNATURE) Scott Sanderson	COELT LOG CODE
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:		COOLER RECEIPT TEMP = 3.3 °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	1,4-Dioxane	Total Organic Carbon	Moisture Content	Freon 11,12,113
	MIP3-B2-05		12/17/05	840	Soil	5				✓	✓	✓								✓	✓	✓	✓
	MIP3-B2-15			850		4				✓	✓	✓								✓	✓	✓	✓
	MIP3-B2-30			900		4				✓	✓	✓								✓	✓	✓	✓
	MIP3-B2-33			930		4				✓	✓	✓								✓	✓	✓	✓
	MIP3-B2-42			945		4				✓	✓	✓								✓	✓	✓	✓
	MIP3-B2-57			1100		4				✓	✓	✓								✓	✓	✓	✓
	MIP3-B2-57K			1110		4				✓	✓	✓								✓	✓	✓	✓
	MIP3-B2-66			1120	↓	4				✓	✓	✓								✓	✓	✓	✓
	OC-EB02-121705		↓	1210	AQ	3				✓	✓									✓	✓		✓
	TB-02				AQ	2				✓	✓												

Relinquished by: (Signature) Scott A. Sanderson 12-17-05/1500	Received by: (Signature)	Date: / Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: / Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature) (COELT)	Date: 12/17/05 Time: 15:00

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05-12-1037

Cooler _____ of _____

SAMPLE RECEIPT FORM

CLIENT: CDM **DATE:** 12/17/05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.3 °C IR thermometer.
_____ Ambient temperature.

Initial: RM

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: RM

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: RM

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

December 29, 2005

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 05-12-1096**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/19/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.	Date Received: 12/19/05
18581 Teller Avenue	Work Order No: 05-12-1096
Suite 200	Preparation: EPA 3520B
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution
Project: Omega Chemical	Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-EB03	**05-12-1096-6**	**12/19/05**	**Aqueous**	**12/19/05**	**12/22/05**	**051219L12**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	79	56-123	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-004-522**	**N/A**	**Aqueous**	**12/19/05**	**12/21/05**	**051219L12**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	76	56-123	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/19/05
Work Order No: 05-12-1096
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-B3-29	**05-12-1096-1**	**12/19/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L02**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	120	28-139	

MIP1-B3-33	**05-12-1096-2**	**12/19/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L02**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	105	28-139	

MIP1-B3-37	**05-12-1096-3**	**12/19/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L02**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	100	28-139	

MIP1-B3-57	**05-12-1096-4**	**12/19/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L02**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	101	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/19/05
Work Order No: 05-12-1096
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-B3-69	**05-12-1096-5**	**12/19/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L02**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	110	28-139	

MIP1-B3-29K	**05-12-1096-7**	**12/19/05**	**Solid**	**12/20/05**	**12/22/05**	**051220L02**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	85	28-139	

Method Blank	**099-09-005-104**	**N/A**	**Solid**	**12/20/05**	**12/21/05**	**051220L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	119	28-139	

Method Blank	**099-09-005-105**	**N/A**	**Solid**	**12/20/05**	**12/22/05**	**051220L02**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	117	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/19/05
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-EB03	**05-12-1096-6**	**12/19/05**	**Aqueous**	**12/19/05**	**12/20/05**	**051219L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	74-140		1,2-Dichloroethane-d4	123	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	83	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/19/05
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TB-03	**05-12-1096-8**	**12/19/05**	**Aqueous**	**12/19/05**	**12/20/05**	**051219L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	12	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	120	74-140		1,2-Dichloroethane-d4	119	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	87	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/19/05
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-16,646**	**N/A**	**Aqueous**	**12/19/05**	**12/20/05**	**051219L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	115	74-140		1,2-Dichloroethane-d4	114	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	85	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/19/05
Work Order No: 05-12-1096
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-B3-29	**05-12-1096-1**	**12/19/05**	**Solid**	**12/19/05**	**12/20/05**	**051219L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.838		c-1,3-Dichloropropene	ND	0.84	0.838	
Benzene	ND	0.84	0.838		t-1,3-Dichloropropene	ND	1.7	0.838	
Bromobenzene	ND	0.84	0.838		Ethylbenzene	ND	0.84	0.838	
Bromochloromethane	ND	1.7	0.838		2-Hexanone	ND	17	0.838	
Bromodichloromethane	ND	0.84	0.838		Isopropylbenzene	ND	0.84	0.838	
Bromoform	ND	4.2	0.838		p-Isopropyltoluene	ND	0.84	0.838	
Bromomethane	ND	17	0.838		Methylene Chloride	ND	8.4	0.838	
2-Butanone	ND	17	0.838		4-Methyl-2-Pentanone	ND	17	0.838	
n-Butylbenzene	ND	0.84	0.838		Naphthalene	ND	8.4	0.838	
sec-Butylbenzene	ND	0.84	0.838		n-Propylbenzene	ND	0.84	0.838	
tert-Butylbenzene	ND	0.84	0.838		Styrene	ND	0.84	0.838	
Carbon Disulfide	ND	8.4	0.838		1,1,1,2-Tetrachloroethane	ND	0.84	0.838	
Carbon Tetrachloride	ND	0.84	0.838		1,1,2,2-Tetrachloroethane	ND	1.7	0.838	
Chlorobenzene	ND	0.84	0.838		Tetrachloroethene	2200	95	95.4	
Chloroethane	ND	1.7	0.838		Toluene	ND	0.84	0.838	
Chloroform	8.5	0.8	0.838		1,2,3-Trichlorobenzene	ND	1.7	0.838	
Chloromethane	ND	17	0.838		1,2,4-Trichlorobenzene	ND	1.7	0.838	
2-Chlorotoluene	ND	0.84	0.838		1,1,1-Trichloroethane	0.97	0.84	0.838	
4-Chlorotoluene	ND	0.84	0.838		1,1,2-Trichloroethane	7.6	0.8	0.838	
Dibromochloromethane	ND	1.7	0.838		1,1,2-Trichloro-1,2,2-Trifluoroethane	27	8	0.838	
1,2-Dibromo-3-Chloropropane	ND	4.2	0.838		Trichloroethene	230	190	95.4	
1,2-Dibromoethane	ND	0.84	0.838		Trichlorofluoromethane	22	8	0.838	
Dibromomethane	ND	0.84	0.838		1,2,3-Trichloropropane	ND	1.7	0.838	
1,2-Dichlorobenzene	ND	0.84	0.838		1,2,4-Trimethylbenzene	ND	1.7	0.838	
1,3-Dichlorobenzene	ND	0.84	0.838		1,3,5-Trimethylbenzene	ND	1.7	0.838	
1,4-Dichlorobenzene	ND	0.84	0.838		Vinyl Acetate	ND	8.4	0.838	
Dichlorodifluoromethane	ND	1.7	0.838		Vinyl Chloride	ND	0.84	0.838	
1,1-Dichloroethane	4.1	0.8	0.838		p/m-Xylene	ND	1.7	0.838	
1,2-Dichloroethane	ND	0.84	0.838		o-Xylene	ND	0.84	0.838	
1,1-Dichloroethene	200	95	95.4		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.838	
c-1,2-Dichloroethene	ND	0.84	0.838		Tert-Butyl Alcohol (TBA)	ND	17	0.838	
t-1,2-Dichloroethene	12	1	0.838		Diisopropyl Ether (DIPE)	ND	0.84	0.838	
1,2-Dichloropropane	ND	0.84	0.838		Ethyl-t-Butyl Ether (ETBE)	ND	0.84	0.838	
1,3-Dichloropropane	ND	0.84	0.838		Tert-Amyl-Methyl Ether (TAME)	ND	0.84	0.838	
2,2-Dichloropropane	ND	4.2	0.838		Ethanol	ND	420	0.838	
1,1-Dichloropropene	ND	1.7	0.838						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	126	58-160	
1,4-Bromofluorobenzene	100	66-126		Toluene-d8	106	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/19/05
Work Order No: 05-12-1096
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-B3-33	**05-12-1096-2**	**12/19/05**	**Solid**	**12/19/05**	**12/20/05**	**051219L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.838		c-1,3-Dichloropropene	ND	0.84	0.838	
Benzene	ND	0.84	0.838		t-1,3-Dichloropropene	ND	1.7	0.838	
Bromobenzene	ND	0.84	0.838		Ethylbenzene	ND	0.84	0.838	
Bromochloromethane	ND	1.7	0.838		2-Hexanone	ND	17	0.838	
Bromodichloromethane	ND	0.84	0.838		Isopropylbenzene	ND	0.84	0.838	
Bromoform	ND	4.2	0.838		p-Isopropyltoluene	ND	0.84	0.838	
Bromomethane	ND	17	0.838		Methylene Chloride	ND	8.4	0.838	
2-Butanone	ND	17	0.838		4-Methyl-2-Pentanone	ND	17	0.838	
n-Butylbenzene	ND	0.84	0.838		Naphthalene	ND	8.4	0.838	
sec-Butylbenzene	ND	0.84	0.838		n-Propylbenzene	ND	0.84	0.838	
tert-Butylbenzene	ND	0.84	0.838		Styrene	ND	0.84	0.838	
Carbon Disulfide	ND	8.4	0.838		1,1,1,2-Tetrachloroethane	ND	0.84	0.838	
Carbon Tetrachloride	ND	0.84	0.838		1,1,2,2-Tetrachloroethane	ND	1.7	0.838	
Chlorobenzene	ND	0.84	0.838		Tetrachloroethene	1200	92	92.1	
Chloroethane	ND	1.7	0.838		Toluene	ND	0.84	0.838	
Chloroform	9.8	0.8	0.838		1,2,3-Trichlorobenzene	ND	1.7	0.838	
Chloromethane	ND	17	0.838		1,2,4-Trichlorobenzene	ND	1.7	0.838	
2-Chlorotoluene	ND	0.84	0.838		1,1,1-Trichloroethane	1.2	0.8	0.838	
4-Chlorotoluene	ND	0.84	0.838		1,1,2-Trichloroethane	8.1	0.8	0.838	
Dibromochloromethane	ND	1.7	0.838		1,1,2-Trichloro-1,2,2-Trifluoroethane	28	8	0.838	
1,2-Dibromo-3-Chloropropane	ND	4.2	0.838		Trichloroethene	190	180	92.1	
1,2-Dibromoethane	ND	0.84	0.838		Trichlorofluoromethane	24	8	0.838	
Dibromomethane	ND	0.84	0.838		1,2,3-Trichloropropane	ND	1.7	0.838	
1,2-Dichlorobenzene	ND	0.84	0.838		1,2,4-Trimethylbenzene	ND	1.7	0.838	
1,3-Dichlorobenzene	ND	0.84	0.838		1,3,5-Trimethylbenzene	ND	1.7	0.838	
1,4-Dichlorobenzene	ND	0.84	0.838		Vinyl Acetate	ND	8.4	0.838	
Dichlorodifluoromethane	ND	1.7	0.838		Vinyl Chloride	ND	0.84	0.838	
1,1-Dichloroethane	4.7	0.8	0.838		p/m-Xylene	ND	1.7	0.838	
1,2-Dichloroethane	ND	0.84	0.838		o-Xylene	ND	0.84	0.838	
1,1-Dichloroethene	200	92	92.1		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.838	
c-1,2-Dichloroethene	ND	0.84	0.838		Tert-Butyl Alcohol (TBA)	ND	17	0.838	
t-1,2-Dichloroethene	15	1	0.838		Diisopropyl Ether (DIPE)	ND	0.84	0.838	
1,2-Dichloropropane	ND	0.84	0.838		Ethyl-t-Butyl Ether (ETBE)	ND	0.84	0.838	
1,3-Dichloropropane	ND	0.84	0.838		Tert-Amyl-Methyl Ether (TAME)	ND	0.84	0.838	
2,2-Dichloropropane	ND	4.2	0.838		Ethanol	ND	420	0.838	
1,1-Dichloropropene	ND	1.7	0.838						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	121	58-160	
1,4-Bromofluorobenzene	94	66-126		Toluene-d8	103	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/19/05
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 3 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-B3-37	**05-12-1096-3**	**12/19/05**	**Solid**	**12/19/05**	**12/20/05**	**051219L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.855		c-1,3-Dichloropropene	ND	0.86	0.855	
Benzene	1.1	0.9	0.855		t-1,3-Dichloropropene	ND	1.7	0.855	
Bromobenzene	ND	0.86	0.855		Ethylbenzene	ND	0.86	0.855	
Bromochloromethane	ND	1.7	0.855		2-Hexanone	ND	17	0.855	
Bromodichloromethane	ND	0.86	0.855		Isopropylbenzene	ND	0.86	0.855	
Bromoform	ND	4.3	0.855		p-Isopropyltoluene	ND	0.86	0.855	
Bromomethane	ND	17	0.855		Methylene Chloride	ND	8.6	0.855	
2-Butanone	ND	17	0.855		4-Methyl-2-Pentanone	ND	17	0.855	
n-Butylbenzene	ND	0.86	0.855		Naphthalene	ND	8.6	0.855	
sec-Butylbenzene	ND	0.86	0.855		n-Propylbenzene	ND	0.86	0.855	
tert-Butylbenzene	ND	0.86	0.855		Styrene	ND	0.86	0.855	
Carbon Disulfide	ND	8.6	0.855		1,1,1,2-Tetrachloroethane	ND	0.86	0.855	
Carbon Tetrachloride	ND	0.86	0.855		1,1,2,2-Tetrachloroethane	ND	1.7	0.855	
Chlorobenzene	ND	0.86	0.855		Tetrachloroethene	2000	97	97.1	
Chloroethane	ND	1.7	0.855		Toluene	ND	0.86	0.855	
Chloroform	11	1	0.855		1,2,3-Trichlorobenzene	ND	1.7	0.855	
Chloromethane	ND	17	0.855		1,2,4-Trichlorobenzene	ND	1.7	0.855	
2-Chlorotoluene	ND	0.86	0.855		1,1,1-Trichloroethane	1.5	0.9	0.855	
4-Chlorotoluene	ND	0.86	0.855		1,1,2-Trichloroethane	5.8	0.9	0.855	
Dibromochloromethane	ND	1.7	0.855		1,1,2-Trichloro-1,2,2-Trifluoroethane	24	9	0.855	
1,2-Dibromo-3-Chloropropane	ND	4.3	0.855		Trichloroethene	ND	190	97.1	
1,2-Dibromoethane	ND	0.86	0.855		Trichlorofluoromethane	19	9	0.855	
Dibromomethane	ND	0.86	0.855		1,2,3-Trichloropropane	ND	1.7	0.855	
1,2-Dichlorobenzene	ND	0.86	0.855		1,2,4-Trimethylbenzene	ND	1.7	0.855	
1,3-Dichlorobenzene	ND	0.86	0.855		1,3,5-Trimethylbenzene	ND	1.7	0.855	
1,4-Dichlorobenzene	ND	0.86	0.855		Vinyl Acetate	ND	8.6	0.855	
Dichlorodifluoromethane	ND	1.7	0.855		Vinyl Chloride	ND	0.86	0.855	
1,1-Dichloroethane	5.5	0.9	0.855		p/m-Xylene	ND	1.7	0.855	
1,2-Dichloroethane	ND	0.86	0.855		o-Xylene	ND	0.86	0.855	
1,1-Dichloroethene	120	97	97.1		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.855	
c-1,2-Dichloroethene	ND	0.86	0.855		Tert-Butyl Alcohol (TBA)	ND	17	0.855	
t-1,2-Dichloroethene	19	1	0.855		Diisopropyl Ether (DIPE)	ND	0.86	0.855	
1,2-Dichloropropane	ND	0.86	0.855		Ethyl-t-Butyl Ether (ETBE)	ND	0.86	0.855	
1,3-Dichloropropane	ND	0.86	0.855		Tert-Amyl-Methyl Ether (TAME)	ND	0.86	0.855	
2,2-Dichloropropane	ND	4.3	0.855		Ethanol	ND	430	0.855	
1,1-Dichloropropene	ND	1.7	0.855						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	71-137		1,2-Dichloroethane-d4	129	58-160	
1,4-Bromofluorobenzene	92	66-126		Toluene-d8	103	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/19/05
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 4 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-B3-57	**05-12-1096-4**	**12/19/05**	**Solid**	**12/19/05**	**12/20/05**	**051219L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.865		c-1,3-Dichloropropene	ND	0.87	0.865	
Benzene	1.6	0.9	0.865		t-1,3-Dichloropropene	ND	1.7	0.865	
Bromobenzene	ND	0.87	0.865		Ethylbenzene	ND	0.87	0.865	
Bromochloromethane	ND	1.7	0.865		2-Hexanone	ND	17	0.865	
Bromodichloromethane	ND	0.87	0.865		Isopropylbenzene	ND	0.87	0.865	
Bromoform	ND	4.3	0.865		p-Isopropyltoluene	ND	0.87	0.865	
Bromomethane	ND	17	0.865		Methylene Chloride	ND	8.7	0.865	
2-Butanone	ND	17	0.865		4-Methyl-2-Pentanone	ND	17	0.865	
n-Butylbenzene	ND	0.87	0.865		Naphthalene	ND	8.7	0.865	
sec-Butylbenzene	ND	0.87	0.865		n-Propylbenzene	ND	0.87	0.865	
tert-Butylbenzene	ND	0.87	0.865		Styrene	ND	0.87	0.865	
Carbon Disulfide	ND	8.7	0.865		1,1,1,2-Tetrachloroethane	ND	0.87	0.865	
Carbon Tetrachloride	ND	0.87	0.865		1,1,2,2-Tetrachloroethane	ND	1.7	0.865	
Chlorobenzene	ND	0.87	0.865		Tetrachloroethene	1500	84	83.8	
Chloroethane	ND	1.7	0.865		Toluene	ND	0.87	0.865	
Chloroform	13	1	0.865		1,2,3-Trichlorobenzene	ND	1.7	0.865	
Chloromethane	ND	17	0.865		1,2,4-Trichlorobenzene	ND	1.7	0.865	
2-Chlorotoluene	ND	0.87	0.865		1,1,1-Trichloroethane	1.6	0.9	0.865	
4-Chlorotoluene	ND	0.87	0.865		1,1,2-Trichloroethane	2.5	0.9	0.865	
Dibromochloromethane	ND	1.7	0.865		1,1,2-Trichloro-1,2,2-Trifluoroethane	17	9	0.865	
1,2-Dibromo-3-Chloropropane	ND	4.3	0.865		Trichloroethene	ND	170	83.8	
1,2-Dibromoethane	ND	0.87	0.865		Trichlorofluoromethane	12	9	0.865	
Dibromomethane	ND	0.87	0.865		1,2,3-Trichloropropane	ND	1.7	0.865	
1,2-Dichlorobenzene	ND	0.87	0.865		1,2,4-Trimethylbenzene	ND	1.7	0.865	
1,3-Dichlorobenzene	ND	0.87	0.865		1,3,5-Trimethylbenzene	ND	1.7	0.865	
1,4-Dichlorobenzene	ND	0.87	0.865		Vinyl Acetate	ND	8.7	0.865	
Dichlorodifluoromethane	ND	1.7	0.865		Vinyl Chloride	ND	0.87	0.865	
1,1-Dichloroethane	7.0	0.9	0.865		p/m-Xylene	ND	1.7	0.865	
1,2-Dichloroethane	ND	0.87	0.865		o-Xylene	ND	0.87	0.865	
1,1-Dichloroethene	160	1	0.865		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.865	
c-1,2-Dichloroethene	ND	0.87	0.865		Tert-Butyl Alcohol (TBA)	ND	17	0.865	
t-1,2-Dichloroethene	23	1	0.865		Diisopropyl Ether (DIPE)	ND	0.87	0.865	
1,2-Dichloropropane	ND	0.87	0.865		Ethyl-t-Butyl Ether (ETBE)	ND	0.87	0.865	
1,3-Dichloropropane	ND	0.87	0.865		Tert-Amyl-Methyl Ether (TAME)	ND	0.87	0.865	
2,2-Dichloropropane	ND	4.3	0.865		Ethanol	ND	430	0.865	
1,1-Dichloropropene	ND	1.7	0.865						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	116	71-137		1,2-Dichloroethane-d4	129	58-160	
1,4-Bromofluorobenzene	91	66-126		Toluene-d8	104	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/19/05
Work Order No: 05-12-1096
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-B3-69	**05-12-1096-5**	**12/19/05**	**Solid**	**12/19/05**	**12/20/05**	**051219L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	19	0.938		c-1,3-Dichloropropene	ND	0.94	0.938	
Benzene	1.3	0.9	0.938		t-1,3-Dichloropropene	ND	1.9	0.938	
Bromobenzene	ND	0.94	0.938		Ethylbenzene	ND	0.94	0.938	
Bromochloromethane	ND	1.9	0.938		2-Hexanone	ND	19	0.938	
Bromodichloromethane	ND	0.94	0.938		Isopropylbenzene	ND	0.94	0.938	
Bromoform	ND	4.7	0.938		p-Isopropyltoluene	ND	0.94	0.938	
Bromomethane	ND	19	0.938		Methylene Chloride	ND	9.4	0.938	
2-Butanone	ND	19	0.938		4-Methyl-2-Pentanone	ND	19	0.938	
n-Butylbenzene	ND	0.94	0.938		Naphthalene	ND	9.4	0.938	
sec-Butylbenzene	ND	0.94	0.938		n-Propylbenzene	ND	0.94	0.938	
tert-Butylbenzene	ND	0.94	0.938		Styrene	ND	0.94	0.938	
Carbon Disulfide	ND	9.4	0.938		1,1,1,2-Tetrachloroethane	ND	0.94	0.938	
Carbon Tetrachloride	ND	0.94	0.938		1,1,2,2-Tetrachloroethane	ND	1.9	0.938	
Chlorobenzene	ND	0.94	0.938		Tetrachloroethene	ND	0.94	0.938	
Chloroethane	ND	1.9	0.938		Toluene	ND	0.94	0.938	
Chloroform	30	1	0.938		1,2,3-Trichlorobenzene	ND	1.9	0.938	
Chloromethane	ND	19	0.938		1,2,4-Trichlorobenzene	ND	1.9	0.938	
2-Chlorotoluene	ND	0.94	0.938		1,1,1-Trichloroethane	4.6	0.9	0.938	
4-Chlorotoluene	ND	0.94	0.938		1,1,2-Trichloroethane	1.5	0.9	0.938	
Dibromochloromethane	ND	1.9	0.938		1,1,2-Trichloro-1,2,2-Trifluoroethane	53	9	0.938	
1,2-Dibromo-3-Chloropropane	ND	4.7	0.938		Trichloroethene	520	190	92.8	
1,2-Dibromoethane	ND	0.94	0.938		Trichlorofluoromethane	28	9	0.938	
Dibromomethane	ND	0.94	0.938		1,2,3-Trichloropropane	ND	1.9	0.938	
1,2-Dichlorobenzene	ND	0.94	0.938		1,2,4-Trimethylbenzene	ND	1.9	0.938	
1,3-Dichlorobenzene	ND	0.94	0.938		1,3,5-Trimethylbenzene	ND	1.9	0.938	
1,4-Dichlorobenzene	ND	0.94	0.938		Vinyl Acetate	ND	9.4	0.938	
Dichlorodifluoromethane	ND	1.9	0.938		Vinyl Chloride	ND	0.94	0.938	
1,1-Dichloroethane	18	1	0.938		p/m-Xylene	ND	1.9	0.938	
1,2-Dichloroethane	ND	0.94	0.938		o-Xylene	ND	0.94	0.938	
1,1-Dichloroethene	450	93	92.8		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.938	
c-1,2-Dichloroethene	ND	0.94	0.938		Tert-Butyl Alcohol (TBA)	ND	19	0.938	
t-1,2-Dichloroethene	60	1	0.938		Diisopropyl Ether (DIPE)	ND	0.94	0.938	
1,2-Dichloropropane	ND	0.94	0.938		Ethyl-t-Butyl Ether (ETBE)	ND	0.94	0.938	
1,3-Dichloropropane	ND	0.94	0.938		Tert-Amyl-Methyl Ether (TAME)	ND	0.94	0.938	
2,2-Dichloropropane	ND	4.7	0.938		Ethanol	ND	470	0.938	
1,1-Dichloropropene	ND	1.9	0.938						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	125	71-137		1,2-Dichloroethane-d4	134	58-160	
1,4-Bromofluorobenzene	88	66-126		Toluene-d8	105	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/19/05
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 6 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP1-B3-29K	**05-12-1096-7**	**12/19/05**	**Solid**	**12/19/05**	**12/20/05**	**051219L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	2400	87	86.7	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	7.2	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	6.9	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	15	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	150	2	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	12	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	3.1	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	130	1	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	8.6	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	123	71-137		1,2-Dichloroethane-d4	137	58-160	
1,4-Bromofluorobenzene	90	66-126		Toluene-d8	106	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	12/19/05
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 7 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,558**	**N/A**	**Solid**	**12/19/05**	**12/20/05**	**051219L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	125	71-137		1,2-Dichloroethane-d4	128	58-160	
1,4-Bromofluorobenzene	90	66-126		Toluene-d8	100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	12/19/05
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,570**	**N/A**	**Solid**	**12/20/05**	**12/21/05**	**051220L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	2000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	100	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	116	71-137		1,2-Dichloroethane-d4	116	58-160	
1,4-Bromofluorobenzene	84	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/19/05
Work Order No: 05-12-1096

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP1-B3-29	**05-12-1096-1**	**12/19/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	16.5	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	2100	500	1		mg/kg	N/A	12/21/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP1-B3-33	**05-12-1096-2**	**12/19/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	16.1	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1400	500	1		mg/kg	N/A	12/21/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP1-B3-37	**05-12-1096-3**	**12/19/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	16.4	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1500	500	1		mg/kg	N/A	12/21/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP1-B3-57	**05-12-1096-4**	**12/19/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	14.2	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	2400	500	1		mg/kg	N/A	12/21/05	EPA 9060

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/19/05
Work Order No: 05-12-1096

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP1-B3-69	**05-12-1096-5**	**12/19/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	22.8	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	1300	500	1		mg/kg	N/A	12/21/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP1-EB03	**05-12-1096-6**	**12/19/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	0.68	0.50	1		mg/L	N/A	12/19/05	EPA 415.1

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MIP1-B3-29K	**05-12-1096-7**	**12/19/05**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Moisture	16.7	0.1	1		%	N/A	12/19/05	ASTM D-2216
Carbon, Total Organic	3700	500	1		mg/kg	N/A	12/21/05	EPA 9060

Client Sample Number	Lab Sample Number	Date Collected	Matrix
Method Blank		**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	ND	0.50	1		mg/L	N/A	12/19/05	EPA 415.1
Carbon, Total Organic	ND	500	1		mg/kg	N/A	12/21/05	EPA 9060

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.	Date Received: 12/19/05
18581 Teller Avenue	Work Order No: 05-12-1096
Suite 200	Preparation: EPA 3545
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MIP1-B3-69	**Solid**	**GC/MS GG**	**12/20/05**	**12/22/05**	**051220S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	117	112	50-130	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 12/19/05
Work Order No: 05-12-1096
Preparation: EPA 5030B
Method: EPA 8260B

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-12-1072-1	**Aqueous**	**GC/MS R**	**12/19/05**	**12/20/05**	**051219S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	92	88-118	5	0-7	
Carbon Tetrachloride	114	103	67-145	10	0-11	
Chlorobenzene	91	89	88-118	3	0-7	
1,2-Dichlorobenzene	89	87	86-116	2	0-8	
1,1-Dichloroethene	0	0	70-130	2	0-25	3
Toluene	94	88	87-123	6	0-8	
Trichloroethene	58	50	79-127	2	0-10	3
Vinyl Chloride	106	92	69-129	14	0-13	4
Methyl-t-Butyl Ether (MTBE)	86	88	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	86	93	36-168	8	0-45	
Diisopropyl Ether (DIPE)	92	88	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	80	81	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	86	87	72-126	1	0-12	
Ethanol	93	88	53-149	6	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1096

Project: Omega Chemical

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Carbon, Total Organic	EPA 415.1	05-12-1056-4	12/19/05	N/A	80	70	70-130	1	0-25	
Carbon, Total Organic	EPA 9060	MIP1-B3-29	12/21/05	N/A	98	103	70-130	5	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 05-12-1096
Suite 200	
Irvine, CA 92612-1627	

Project: Omega Chemical

Matrix: Solid

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Moisture	ASTM D-2216	05-12-1012-1	12/19/05	16.6	16.7	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 3520B
Irvine, CA 92612-1627		Method:	EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-522	**Aqueous**	**GC/MS P**	**12/19/05**	**12/21/05**	**051219L12**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	109	113	50-130	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 3545
Irvine, CA 92612-1627		Method:	EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-005-105	**Solid**	**GC/MS GG**	**12/20/05**	**12/22/05**	**051220L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	116	108	50-130	7	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1096
Preparation: EPA 5030B
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-16,646	**Aqueous**	**GC/MS R**	**12/19/05**	**12/20/05**	**051219L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	93	84-120	2	0-8	
Carbon Tetrachloride	111	109	63-147	2	0-10	
Chlorobenzene	93	92	89-119	1	0-7	
1,2-Dichlorobenzene	92	89	89-119	3	0-9	
1,1-Dichloroethene	92	92	77-125	0	0-16	
Toluene	95	91	83-125	3	0-9	
Trichloroethene	96	92	89-119	4	0-8	
Vinyl Chloride	97	96	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	83	85	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	66	75	46-154	13	0-32	
Diisopropyl Ether (DIPE)	90	90	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	81	81	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	85	85	76-124	0	0-10	
Ethanol	72	83	60-138	15	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1096
Preparation: EPA 5035
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,558	**Solid**	**GC/MS Q**	**12/19/05**	**12/20/05**	**051219L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	109	107	85-115	2	0-11	
Carbon Tetrachloride	106	103	68-134	3	0-14	
Chlorobenzene	109	107	83-119	2	0-9	
1,2-Dichlorobenzene	112	109	57-135	3	0-10	
1,1-Dichloroethene	91	86	72-120	5	0-10	
Toluene	107	107	67-127	1	0-10	
Trichloroethene	103	100	88-112	2	0-9	
Vinyl Chloride	93	90	57-129	3	0-16	
Methyl-t-Butyl Ether (MTBE)	86	81	76-124	6	0-12	
Tert-Butyl Alcohol (TBA)	86	79	31-145	9	0-23	
Diisopropyl Ether (DIPE)	112	106	74-128	5	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	97	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	103	102	81-123	1	0-10	
Ethanol	89	86	44-152	4	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	05-12-1096
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,570	**Solid**	**GC/MS Q**	**12/20/05**	**12/21/05**	**051220L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	85-115	1	0-11	
Carbon Tetrachloride	103	101	68-134	2	0-14	
Chlorobenzene	103	103	83-119	1	0-9	
1,2-Dichlorobenzene	105	105	57-135	0	0-10	
1,1-Dichloroethene	85	85	72-120	1	0-10	
Toluene	103	103	67-127	0	0-10	
Trichloroethene	99	99	88-112	0	0-9	
Vinyl Chloride	89	91	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	81	79	76-124	3	0-12	
Tert-Butyl Alcohol (TBA)	81	80	31-145	1	0-23	
Diisopropyl Ether (DIPE)	106	105	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	97	95	77-125	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	99	81-123	2	0-10	
Ethanol	87	87	44-152	0	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 05-12-1096

Project: Omega Chemical

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Carbon, Total Organic	EPA 415.1	099-05-097-2,124	12/19/05	N/A	10	9.7	97	80-120	
Carbon, Total Organic	EPA 9060	099-06-013-108	12/21/05	N/A	6000	6100	101	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-12-1096

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 12/19/05

Page 1 of 1

LABORATORY CLIENT: COM, Inc.
ADDRESS: 18581 Teller Ave., Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐
SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Sanderson
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 12-1094
COOLER RECEIPT TEMP = °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	1,4 Dioxane	Total Organic Carbon	Moisture Content	Freon 11, 12, 113
	MIP1-B3-29		12/19/05	1150	Soil	4				✓	✓	✓								✓	✓	✓	✓
	MIP1-B3-33			1225	Soil	4				✓	✓	✓								✓	✓	✓	✓
	MIP1-B3-37			1210	Soil	4				✓	✓	✓								✓	✓	✓	✓
	MIP1-B3-57			1310	Soil	4				✓	✓	✓								✓	✓	✓	✓
	MIP1-B3-69			1430	Soil	4				✓	✓	✓								✓	✓	✓	✓
	MIP1-EB03			1500	AQ	5				✓	✓									✓	✓		✓
	MIP1-B3-29K			1155	Soil	4				✓	✓	✓								✓	✓	✓	✓
	TB-03		12/19/05	1600	AQ	2				✓	✓												

Relinquished by: (Signature) Scott A. Sanderson 12-19-05/1605	Received by: (Signature) WDeaton UCL	Date: 12-19-05	Time: 1605
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) WDeaton	Received for Laboratory by: (Signature)	Date: 12-19-05	Time: 1651

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05-12-1096

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: CDM, INC. **DATE:** 12-19-05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.

3.6 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: WB

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

March 14, 2006

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 06-03-0399**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/7/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Amanda Porter for

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/07/06
Work Order No: 06-03-0399
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-8	**06-03-0399-1**	**03/07/06**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	103	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-29	**06-03-0399-2**	**03/07/06**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	1.5	0.2	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	105	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-33	**06-03-0399-3**	**03/07/06**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	108	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-40	**06-03-0399-4**	**03/07/06**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	0.45	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	107	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/07/06
Work Order No: 06-03-0399
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-56	**06-03-0399-5**	**03/07/06**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	1.1	0.2	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	97	28-139	

MIP22-B5-26	**06-03-0399-6**	**03/07/06**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	100	28-139	

MIP22-B5-36	**06-03-0399-7**	**03/07/06**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	89	28-139	

MIP8-B4-56K	**06-03-0399-9**	**03/07/06**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	1.0	0.2	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	93	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.	Date Received: 03/07/06
18581 Teller Avenue	Work Order No: 06-03-0399
Suite 200	Preparation: EPA 3545
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-005-109**	**N/A**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	110	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/07/06
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TB01-030706	**06-03-0399-8**	**03/07/06**	**Aqueous**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	74-140		1,2-Dichloroethane-d4	96	74-146	
Toluene-d8	94	88-112		1,4-Bromofluorobenzene	93	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/07/06
Work Order No: 06-03-0399
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-17,270**	**N/A**	**Aqueous**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	74-140		1,2-Dichloroethane-d4	98	74-146	
Toluene-d8	95	88-112		1,4-Bromofluorobenzene	94	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/07/06
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 1 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-8	**06-03-0399-1**	**03/07/06**	**Solid**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	19	0.926		c-1,3-Dichloropropene	ND	0.93	0.926	
Benzene	ND	0.93	0.926		t-1,3-Dichloropropene	ND	1.9	0.926	
Bromobenzene	ND	0.93	0.926		Ethylbenzene	ND	0.93	0.926	
Bromochloromethane	ND	1.9	0.926		2-Hexanone	ND	19	0.926	
Bromodichloromethane	ND	0.93	0.926		Isopropylbenzene	ND	0.93	0.926	
Bromoform	ND	4.6	0.926		p-Isopropyltoluene	ND	0.93	0.926	
Bromomethane	ND	19	0.926		Methylene Chloride	ND	9.3	0.926	
2-Butanone	ND	19	0.926		4-Methyl-2-Pentanone	ND	19	0.926	
n-Butylbenzene	ND	0.93	0.926		Naphthalene	ND	9.3	0.926	
sec-Butylbenzene	ND	0.93	0.926		n-Propylbenzene	ND	0.93	0.926	
tert-Butylbenzene	ND	0.93	0.926		Styrene	ND	0.93	0.926	
Carbon Disulfide	ND	9.3	0.926		1,1,1,2-Tetrachloroethane	ND	0.93	0.926	
Carbon Tetrachloride	ND	0.93	0.926		1,1,2,2-Tetrachloroethane	ND	1.9	0.926	
Chlorobenzene	ND	0.93	0.926		Tetrachloroethene	620	83	82.8	
Chloroethane	ND	1.9	0.926		Toluene	ND	0.93	0.926	
Chloroform	8.0	0.9	0.926		1,2,3-Trichlorobenzene	ND	1.9	0.926	
Chloromethane	ND	19	0.926		1,2,4-Trichlorobenzene	ND	1.9	0.926	
2-Chlorotoluene	ND	0.93	0.926		1,1,1-Trichloroethane	ND	0.93	0.926	
4-Chlorotoluene	ND	0.93	0.926		1,1,2-Trichloroethane	ND	0.93	0.926	
Dibromochloromethane	ND	1.9	0.926		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.3	0.926	
1,2-Dibromo-3-Chloropropane	ND	4.6	0.926		Trichloroethene	17	2	0.926	
1,2-Dibromoethane	ND	0.93	0.926		Trichlorofluoromethane	ND	9.3	0.926	
Dibromomethane	ND	0.93	0.926		1,2,3-Trichloropropane	ND	1.9	0.926	
1,2-Dichlorobenzene	ND	0.93	0.926		1,2,4-Trimethylbenzene	ND	1.9	0.926	
1,3-Dichlorobenzene	ND	0.93	0.926		1,3,5-Trimethylbenzene	ND	1.9	0.926	
1,4-Dichlorobenzene	ND	0.93	0.926		Vinyl Acetate	ND	9.3	0.926	
Dichlorodifluoromethane	ND	1.9	0.926		Vinyl Chloride	ND	0.93	0.926	
1,1-Dichloroethane	ND	0.93	0.926		p/m-Xylene	ND	1.9	0.926	
1,2-Dichloroethane	ND	0.93	0.926		o-Xylene	ND	0.93	0.926	
1,1-Dichloroethene	1.9	0.9	0.926		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.926	
c-1,2-Dichloroethene	0.96	0.93	0.926		Tert-Butyl Alcohol (TBA)	ND	19	0.926	
t-1,2-Dichloroethene	ND	0.93	0.926		Diisopropyl Ether (DIPE)	ND	0.93	0.926	
1,2-Dichloropropane	ND	0.93	0.926		Ethyl-t-Butyl Ether (ETBE)	ND	0.93	0.926	
1,3-Dichloropropane	ND	0.93	0.926		Tert-Amyl-Methyl Ether (TAME)	ND	0.93	0.926	
2,2-Dichloropropane	ND	4.6	0.926		Ethanol	ND	460	0.926	
1,1-Dichloropropene	ND	1.9	0.926						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	71-137		1,2-Dichloroethane-d4	130	58-160	
1,4-Bromofluorobenzene	82	66-126		Toluene-d8	95	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/07/06
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 2 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-29	**06-03-0399-2**	**03/07/06**	**Solid**	**03/08/06**	**03/09/06**	**060309L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	2000	101		c-1,3-Dichloropropene	ND	100	101	
Benzene	ND	100	101		t-1,3-Dichloropropene	ND	200	101	
Bromobenzene	ND	100	101		Ethylbenzene	ND	100	101	
Bromochloromethane	ND	200	101		2-Hexanone	ND	2000	101	
Bromodichloromethane	ND	100	101		Isopropylbenzene	ND	100	101	
Bromoform	ND	510	101		p-Isopropyltoluene	ND	100	101	
Bromomethane	ND	2000	101		Methylene Chloride	ND	1000	101	
2-Butanone	ND	2000	101		4-Methyl-2-Pentanone	ND	2000	101	
n-Butylbenzene	ND	100	101		Naphthalene	ND	1000	101	
sec-Butylbenzene	ND	100	101		n-Propylbenzene	ND	100	101	
tert-Butylbenzene	ND	100	101		Styrene	ND	100	101	
Carbon Disulfide	ND	1000	101		1,1,1,2-Tetrachloroethane	ND	100	101	
Carbon Tetrachloride	ND	100	101		1,1,2,2-Tetrachloroethane	ND	200	101	
Chlorobenzene	ND	100	101		Tetrachloroethene	2400	100	101	
Chloroethane	ND	200	101		Toluene	ND	100	101	
Chloroform	ND	100	101		1,2,3-Trichlorobenzene	ND	200	101	
Chloromethane	ND	2000	101		1,2,4-Trichlorobenzene	ND	200	101	
2-Chlorotoluene	ND	100	101		1,1,1-Trichloroethane	ND	100	101	
4-Chlorotoluene	ND	100	101		1,1,2-Trichloroethane	ND	100	101	
Dibromochloromethane	ND	200	101		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	101	
1,2-Dibromo-3-Chloropropane	ND	510	101		Trichloroethene	ND	200	101	
1,2-Dibromoethane	ND	100	101		Trichlorofluoromethane	ND	1000	101	
Dibromomethane	ND	100	101		1,2,3-Trichloropropane	ND	200	101	
1,2-Dichlorobenzene	ND	100	101		1,2,4-Trimethylbenzene	ND	200	101	
1,3-Dichlorobenzene	ND	100	101		1,3,5-Trimethylbenzene	ND	200	101	
1,4-Dichlorobenzene	ND	100	101		Vinyl Acetate	ND	1000	101	
Dichlorodifluoromethane	ND	200	101		Vinyl Chloride	ND	100	101	
1,1-Dichloroethane	ND	100	101		p/m-Xylene	ND	200	101	
1,2-Dichloroethane	ND	100	101		o-Xylene	ND	100	101	
1,1-Dichloroethene	ND	100	101		Methyl-t-Butyl Ether (MTBE)	ND	200	101	
c-1,2-Dichloroethene	ND	100	101		Tert-Butyl Alcohol (TBA)	ND	2000	101	
t-1,2-Dichloroethene	ND	100	101		Diisopropyl Ether (DIPE)	ND	100	101	
1,2-Dichloropropane	ND	100	101		Ethyl-t-Butyl Ether (ETBE)	ND	100	101	
1,3-Dichloropropane	ND	100	101		Tert-Amyl-Methyl Ether (TAME)	ND	100	101	
2,2-Dichloropropane	ND	510	101		Ethanol	ND	51000	101	
1,1-Dichloropropene	ND	200	101						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	71-137		1,2-Dichloroethane-d4	126	58-160	
1,4-Bromofluorobenzene	82	66-126		Toluene-d8	103	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/07/06
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-33	**06-03-0399-3**	**03/07/06**	**Solid**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	19	0.967		c-1,3-Dichloropropene	ND	0.97	0.967	
Benzene	ND	0.97	0.967		t-1,3-Dichloropropene	ND	1.9	0.967	
Bromobenzene	ND	0.97	0.967		Ethylbenzene	ND	0.97	0.967	
Bromochloromethane	ND	1.9	0.967		2-Hexanone	ND	19	0.967	
Bromodichloromethane	ND	0.97	0.967		Isopropylbenzene	ND	0.97	0.967	
Bromoform	ND	4.8	0.967		p-Isopropyltoluene	ND	0.97	0.967	
Bromomethane	ND	19	0.967		Methylene Chloride	ND	9.7	0.967	
2-Butanone	ND	19	0.967		4-Methyl-2-Pentanone	ND	19	0.967	
n-Butylbenzene	ND	0.97	0.967		Naphthalene	ND	9.7	0.967	
sec-Butylbenzene	ND	0.97	0.967		n-Propylbenzene	ND	0.97	0.967	
tert-Butylbenzene	ND	0.97	0.967		Styrene	ND	0.97	0.967	
Carbon Disulfide	ND	9.7	0.967		1,1,1,2-Tetrachloroethane	ND	0.97	0.967	
Carbon Tetrachloride	ND	0.97	0.967		1,1,2,2-Tetrachloroethane	ND	1.9	0.967	
Chlorobenzene	ND	0.97	0.967		Tetrachloroethene	1200	93	92.6	
Chloroethane	ND	1.9	0.967		Toluene	ND	0.97	0.967	
Chloroform	28	1	0.967		1,2,3-Trichlorobenzene	ND	1.9	0.967	
Chloromethane	ND	19	0.967		1,2,4-Trichlorobenzene	ND	1.9	0.967	
2-Chlorotoluene	ND	0.97	0.967		1,1,1-Trichloroethane	ND	0.97	0.967	
4-Chlorotoluene	ND	0.97	0.967		1,1,2-Trichloroethane	ND	0.97	0.967	
Dibromochloromethane	ND	1.9	0.967		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.7	0.967	
1,2-Dibromo-3-Chloropropane	ND	4.8	0.967		Trichloroethene	38	2	0.967	
1,2-Dibromoethane	ND	0.97	0.967		Trichlorofluoromethane	ND	9.7	0.967	
Dibromomethane	ND	0.97	0.967		1,2,3-Trichloropropane	ND	1.9	0.967	
1,2-Dichlorobenzene	ND	0.97	0.967		1,2,4-Trimethylbenzene	ND	1.9	0.967	
1,3-Dichlorobenzene	ND	0.97	0.967		1,3,5-Trimethylbenzene	ND	1.9	0.967	
1,4-Dichlorobenzene	ND	0.97	0.967		Vinyl Acetate	ND	9.7	0.967	
Dichlorodifluoromethane	ND	1.9	0.967		Vinyl Chloride	ND	0.97	0.967	
1,1-Dichloroethane	4.3	1.0	0.967		p/m-Xylene	ND	1.9	0.967	
1,2-Dichloroethane	ND	0.97	0.967		o-Xylene	ND	0.97	0.967	
1,1-Dichloroethene	17	1	0.967		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.967	
c-1,2-Dichloroethene	6.1	1.0	0.967		Tert-Butyl Alcohol (TBA)	ND	19	0.967	
t-1,2-Dichloroethene	ND	0.97	0.967		Diisopropyl Ether (DIPE)	ND	0.97	0.967	
1,2-Dichloropropane	ND	0.97	0.967		Ethyl-t-Butyl Ether (ETBE)	ND	0.97	0.967	
1,3-Dichloropropane	ND	0.97	0.967		Tert-Amyl-Methyl Ether (TAME)	ND	0.97	0.967	
2,2-Dichloropropane	ND	4.8	0.967		Ethanol	ND	480	0.967	
1,1-Dichloropropene	ND	1.9	0.967						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	71-137		1,2-Dichloroethane-d4	136	58-160	
1,4-Bromofluorobenzene	83	66-126		Toluene-d8	95	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/07/06
Work Order No: 06-03-0399
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-40	**06-03-0399-4**	**03/07/06**	**Solid**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.865		c-1,3-Dichloropropene	ND	0.87	0.865	
Benzene	1.6	0.9	0.865		t-1,3-Dichloropropene	ND	1.7	0.865	
Bromobenzene	ND	0.87	0.865		Ethylbenzene	ND	0.87	0.865	
Bromochloromethane	ND	1.7	0.865		2-Hexanone	ND	17	0.865	
Bromodichloromethane	ND	0.87	0.865		Isopropylbenzene	ND	0.87	0.865	
Bromoform	ND	4.3	0.865		p-Isopropyltoluene	ND	0.87	0.865	
Bromomethane	ND	17	0.865		Methylene Chloride	ND	8.7	0.865	
2-Butanone	ND	17	0.865		4-Methyl-2-Pentanone	ND	17	0.865	
n-Butylbenzene	ND	0.87	0.865		Naphthalene	ND	8.7	0.865	
sec-Butylbenzene	ND	0.87	0.865		n-Propylbenzene	ND	0.87	0.865	
tert-Butylbenzene	ND	0.87	0.865		Styrene	ND	0.87	0.865	
Carbon Disulfide	ND	8.7	0.865		1,1,1,2-Tetrachloroethane	ND	0.87	0.865	
Carbon Tetrachloride	ND	0.87	0.865		1,1,2,2-Tetrachloroethane	ND	1.7	0.865	
Chlorobenzene	ND	0.87	0.865		Tetrachloroethene	1600	86	86.4	
Chloroethane	ND	1.7	0.865		Toluene	ND	0.87	0.865	
Chloroform	72	1	0.865		1,2,3-Trichlorobenzene	ND	1.7	0.865	
Chloromethane	ND	17	0.865		1,2,4-Trichlorobenzene	ND	1.7	0.865	
2-Chlorotoluene	ND	0.87	0.865		1,1,1-Trichloroethane	ND	0.87	0.865	
4-Chlorotoluene	ND	0.87	0.865		1,1,2-Trichloroethane	ND	0.87	0.865	
Dibromochloromethane	ND	1.7	0.865		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.7	0.865	
1,2-Dibromo-3-Chloropropane	ND	4.3	0.865		Trichloroethene	69	2	0.865	
1,2-Dibromoethane	ND	0.87	0.865		Trichlorofluoromethane	ND	8.7	0.865	
Dibromomethane	ND	0.87	0.865		1,2,3-Trichloropropane	ND	1.7	0.865	
1,2-Dichlorobenzene	ND	0.87	0.865		1,2,4-Trimethylbenzene	ND	1.7	0.865	
1,3-Dichlorobenzene	ND	0.87	0.865		1,3,5-Trimethylbenzene	ND	1.7	0.865	
1,4-Dichlorobenzene	ND	0.87	0.865		Vinyl Acetate	ND	8.7	0.865	
Dichlorodifluoromethane	ND	1.7	0.865		Vinyl Chloride	ND	0.87	0.865	
1,1-Dichloroethane	8.8	0.9	0.865		p/m-Xylene	ND	1.7	0.865	
1,2-Dichloroethane	ND	0.87	0.865		o-Xylene	ND	0.87	0.865	
1,1-Dichloroethene	31	1	0.865		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.865	
c-1,2-Dichloroethene	9.2	0.9	0.865		Tert-Butyl Alcohol (TBA)	ND	17	0.865	
t-1,2-Dichloroethene	1.0	0.9	0.865		Diisopropyl Ether (DIPE)	ND	0.87	0.865	
1,2-Dichloropropane	ND	0.87	0.865		Ethyl-t-Butyl Ether (ETBE)	ND	0.87	0.865	
1,3-Dichloropropane	ND	0.87	0.865		Tert-Amyl-Methyl Ether (TAME)	ND	0.87	0.865	
2,2-Dichloropropane	ND	4.3	0.865		Ethanol	ND	430	0.865	
1,1-Dichloropropene	ND	1.7	0.865						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	136	58-160	
1,4-Bromofluorobenzene	80	66-126		Toluene-d8	98	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/07/06
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 5 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-56	**06-03-0399-5**	**03/07/06**	**Solid**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	18	0.887		c-1,3-Dichloropropene	ND	0.89	0.887	
Benzene	4.0	0.9	0.887		t-1,3-Dichloropropene	ND	1.8	0.887	
Bromobenzene	ND	0.89	0.887		Ethylbenzene	ND	0.89	0.887	
Bromochloromethane	ND	1.8	0.887		2-Hexanone	ND	18	0.887	
Bromodichloromethane	ND	0.89	0.887		Isopropylbenzene	ND	0.89	0.887	
Bromoform	ND	4.4	0.887		p-Isopropyltoluene	ND	0.89	0.887	
Bromomethane	ND	18	0.887		Methylene Chloride	12	9	0.887	
2-Butanone	ND	18	0.887		4-Methyl-2-Pentanone	ND	18	0.887	
n-Butylbenzene	ND	0.89	0.887		Naphthalene	ND	8.9	0.887	
sec-Butylbenzene	ND	0.89	0.887		n-Propylbenzene	ND	0.89	0.887	
tert-Butylbenzene	ND	0.89	0.887		Styrene	ND	0.89	0.887	
Carbon Disulfide	ND	8.9	0.887		1,1,1,2-Tetrachloroethane	1.2	0.9	0.887	
Carbon Tetrachloride	ND	0.89	0.887		1,1,2,2-Tetrachloroethane	ND	1.8	0.887	
Chlorobenzene	ND	0.89	0.887		Tetrachloroethene	3300	99	99.2	
Chloroethane	ND	1.8	0.887		Toluene	2.4	0.9	0.887	
Chloroform	360	99	99.2		1,2,3-Trichlorobenzene	ND	1.8	0.887	
Chloromethane	ND	18	0.887		1,2,4-Trichlorobenzene	ND	1.8	0.887	
2-Chlorotoluene	ND	0.89	0.887		1,1,1-Trichloroethane	5.9	0.9	0.887	
4-Chlorotoluene	ND	0.89	0.887		1,1,2-Trichloroethane	ND	0.89	0.887	
Dibromochloromethane	ND	1.8	0.887		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.9	0.887	
1,2-Dibromo-3-Chloropropane	ND	4.4	0.887		Trichloroethene	98	2	0.887	
1,2-Dibromoethane	ND	0.89	0.887		Trichlorofluoromethane	ND	8.9	0.887	
Dibromomethane	ND	0.89	0.887		1,2,3-Trichloropropane	ND	1.8	0.887	
1,2-Dichlorobenzene	ND	0.89	0.887		1,2,4-Trimethylbenzene	ND	1.8	0.887	
1,3-Dichlorobenzene	ND	0.89	0.887		1,3,5-Trimethylbenzene	ND	1.8	0.887	
1,4-Dichlorobenzene	ND	0.89	0.887		Vinyl Acetate	ND	8.9	0.887	
Dichlorodifluoromethane	ND	1.8	0.887		Vinyl Chloride	ND	0.89	0.887	
1,1-Dichloroethane	12	1	0.887		p/m-Xylene	ND	1.8	0.887	
1,2-Dichloroethane	1.8	0.9	0.887		o-Xylene	ND	0.89	0.887	
1,1-Dichloroethene	52	1	0.887		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.887	
c-1,2-Dichloroethene	9.2	0.9	0.887		Tert-Butyl Alcohol (TBA)	ND	18	0.887	
t-1,2-Dichloroethene	2.3	0.9	0.887		Diisopropyl Ether (DIPE)	ND	0.89	0.887	
1,2-Dichloropropane	ND	0.89	0.887		Ethyl-t-Butyl Ether (ETBE)	ND	0.89	0.887	
1,3-Dichloropropane	ND	0.89	0.887		Tert-Amyl-Methyl Ether (TAME)	ND	0.89	0.887	
2,2-Dichloropropane	ND	4.4	0.887		Ethanol	ND	440	0.887	
1,1-Dichloropropene	ND	1.8	0.887						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	135	58-160	
1,4-Bromofluorobenzene	80	66-126		Toluene-d8	93	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/07/06
Work Order No: 06-03-0399
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP22-B5-26	**06-03-0399-6**	**03/07/06**	**Solid**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	18	0.921		c-1,3-Dichloropropene	ND	0.92	0.921	
Benzene	ND	0.92	0.921		t-1,3-Dichloropropene	ND	1.8	0.921	
Bromobenzene	ND	0.92	0.921		Ethylbenzene	ND	0.92	0.921	
Bromochloromethane	ND	1.8	0.921		2-Hexanone	ND	18	0.921	
Bromodichloromethane	ND	0.92	0.921		Isopropylbenzene	ND	0.92	0.921	
Bromoform	ND	4.6	0.921		p-Isopropyltoluene	ND	0.92	0.921	
Bromomethane	ND	18	0.921		Methylene Chloride	ND	9.2	0.921	
2-Butanone	ND	18	0.921		4-Methyl-2-Pentanone	ND	18	0.921	
n-Butylbenzene	ND	0.92	0.921		Naphthalene	ND	9.2	0.921	
sec-Butylbenzene	ND	0.92	0.921		n-Propylbenzene	ND	0.92	0.921	
tert-Butylbenzene	ND	0.92	0.921		Styrene	ND	0.92	0.921	
Carbon Disulfide	ND	9.2	0.921		1,1,1,2-Tetrachloroethane	ND	0.92	0.921	
Carbon Tetrachloride	ND	0.92	0.921		1,1,2,2-Tetrachloroethane	ND	1.8	0.921	
Chlorobenzene	ND	0.92	0.921		Tetrachloroethene	840	94	94.3	
Chloroethane	ND	1.8	0.921		Toluene	ND	0.92	0.921	
Chloroform	ND	0.92	0.921		1,2,3-Trichlorobenzene	ND	1.8	0.921	
Chloromethane	ND	18	0.921		1,2,4-Trichlorobenzene	ND	1.8	0.921	
2-Chlorotoluene	ND	0.92	0.921		1,1,1-Trichloroethane	ND	0.92	0.921	
4-Chlorotoluene	ND	0.92	0.921		1,1,2-Trichloroethane	ND	0.92	0.921	
Dibromochloromethane	ND	1.8	0.921		1,1,2-Trichloro-1,2,2-Trifluoroethane	9.7	9.2	0.921	
1,2-Dibromo-3-Chloropropane	ND	4.6	0.921		Trichloroethene	7.7	1.8	0.921	
1,2-Dibromoethane	ND	0.92	0.921		Trichlorofluoromethane	ND	9.2	0.921	
Dibromomethane	ND	0.92	0.921		1,2,3-Trichloropropane	ND	1.8	0.921	
1,2-Dichlorobenzene	ND	0.92	0.921		1,2,4-Trimethylbenzene	ND	1.8	0.921	
1,3-Dichlorobenzene	ND	0.92	0.921		1,3,5-Trimethylbenzene	ND	1.8	0.921	
1,4-Dichlorobenzene	ND	0.92	0.921		Vinyl Acetate	ND	9.2	0.921	
Dichlorodifluoromethane	ND	1.8	0.921		Vinyl Chloride	ND	0.92	0.921	
1,1-Dichloroethane	ND	0.92	0.921		p/m-Xylene	ND	1.8	0.921	
1,2-Dichloroethane	ND	0.92	0.921		o-Xylene	ND	0.92	0.921	
1,1-Dichloroethene	42	1	0.921		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.921	
c-1,2-Dichloroethene	ND	0.92	0.921		Tert-Butyl Alcohol (TBA)	ND	18	0.921	
t-1,2-Dichloroethene	ND	0.92	0.921		Diisopropyl Ether (DIPE)	ND	0.92	0.921	
1,2-Dichloropropane	ND	0.92	0.921		Ethyl-t-Butyl Ether (ETBE)	ND	0.92	0.921	
1,3-Dichloropropane	ND	0.92	0.921		Tert-Amyl-Methyl Ether (TAME)	ND	0.92	0.921	
2,2-Dichloropropane	ND	4.6	0.921		Ethanol	ND	460	0.921	
1,1-Dichloropropene	ND	1.8	0.921						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	71-137		1,2-Dichloroethane-d4	145	58-160	
1,4-Bromofluorobenzene	86	66-126		Toluene-d8	95	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/07/06
Work Order No: 06-03-0399
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP22-B5-36	**06-03-0399-7**	**03/07/06**	**Solid**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	19	0.949		c-1,3-Dichloropropene	ND	0.95	0.949	
Benzene	ND	0.95	0.949		t-1,3-Dichloropropene	ND	1.9	0.949	
Bromobenzene	ND	0.95	0.949		Ethylbenzene	ND	0.95	0.949	
Bromochloromethane	ND	1.9	0.949		2-Hexanone	ND	19	0.949	
Bromodichloromethane	ND	0.95	0.949		Isopropylbenzene	ND	0.95	0.949	
Bromoform	ND	4.7	0.949		p-Isopropyltoluene	ND	0.95	0.949	
Bromomethane	ND	19	0.949		Methylene Chloride	ND	9.5	0.949	
2-Butanone	ND	19	0.949		4-Methyl-2-Pentanone	ND	19	0.949	
n-Butylbenzene	ND	0.95	0.949		Naphthalene	ND	9.5	0.949	
sec-Butylbenzene	ND	0.95	0.949		n-Propylbenzene	ND	0.95	0.949	
tert-Butylbenzene	ND	0.95	0.949		Styrene	ND	0.95	0.949	
Carbon Disulfide	ND	9.5	0.949		1,1,1,2-Tetrachloroethane	ND	0.95	0.949	
Carbon Tetrachloride	ND	0.95	0.949		1,1,2,2-Tetrachloroethane	ND	1.9	0.949	
Chlorobenzene	ND	0.95	0.949		Tetrachloroethene	1600	95	95.1	
Chloroethane	ND	1.9	0.949		Toluene	ND	0.95	0.949	
Chloroform	ND	0.95	0.949		1,2,3-Trichlorobenzene	ND	1.9	0.949	
Chloromethane	ND	19	0.949		1,2,4-Trichlorobenzene	ND	1.9	0.949	
2-Chlorotoluene	ND	0.95	0.949		1,1,1-Trichloroethane	ND	0.95	0.949	
4-Chlorotoluene	ND	0.95	0.949		1,1,2-Trichloroethane	ND	0.95	0.949	
Dibromochloromethane	ND	1.9	0.949		1,1,2-Trichloro-1,2,2-Trifluoroethane	33	10	0.949	
1,2-Dibromo-3-Chloropropane	ND	4.7	0.949		Trichloroethene	52	2	0.949	
1,2-Dibromoethane	ND	0.95	0.949		Trichlorofluoromethane	12	10	0.949	
Dibromomethane	ND	0.95	0.949		1,2,3-Trichloropropane	ND	1.9	0.949	
1,2-Dichlorobenzene	ND	0.95	0.949		1,2,4-Trimethylbenzene	ND	1.9	0.949	
1,3-Dichlorobenzene	ND	0.95	0.949		1,3,5-Trimethylbenzene	ND	1.9	0.949	
1,4-Dichlorobenzene	ND	0.95	0.949		Vinyl Acetate	ND	9.5	0.949	
Dichlorodifluoromethane	ND	1.9	0.949		Vinyl Chloride	ND	0.95	0.949	
1,1-Dichloroethane	ND	0.95	0.949		p/m-Xylene	ND	1.9	0.949	
1,2-Dichloroethane	ND	0.95	0.949		o-Xylene	ND	0.95	0.949	
1,1-Dichloroethene	520	95	95.1		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.949	
c-1,2-Dichloroethene	ND	0.95	0.949		Tert-Butyl Alcohol (TBA)	ND	19	0.949	
t-1,2-Dichloroethene	ND	0.95	0.949		Diisopropyl Ether (DIPE)	ND	0.95	0.949	
1,2-Dichloropropane	ND	0.95	0.949		Ethyl-t-Butyl Ether (ETBE)	ND	0.95	0.949	
1,3-Dichloropropane	ND	0.95	0.949		Tert-Amyl-Methyl Ether (TAME)	ND	0.95	0.949	
2,2-Dichloropropane	ND	4.7	0.949		Ethanol	ND	470	0.949	
1,1-Dichloropropene	ND	1.9	0.949						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	140	58-160	
1,4-Bromofluorobenzene	82	66-126		Toluene-d8	97	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/07/06
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 8 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP8-B4-56K	**06-03-0399-9**	**03/07/06**	**Solid**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	19	0.933		c-1,3-Dichloropropene	ND	0.93	0.933	
Benzene	4.7	0.9	0.933		t-1,3-Dichloropropene	ND	1.9	0.933	
Bromobenzene	ND	0.93	0.933		Ethylbenzene	ND	0.93	0.933	
Bromochloromethane	ND	1.9	0.933		2-Hexanone	ND	19	0.933	
Bromodichloromethane	ND	0.93	0.933		Isopropylbenzene	ND	0.93	0.933	
Bromoform	ND	4.7	0.933		p-Isopropyltoluene	ND	0.93	0.933	
Bromomethane	ND	19	0.933		Methylene Chloride	14	9	0.933	
2-Butanone	ND	19	0.933		4-Methyl-2-Pentanone	ND	19	0.933	
n-Butylbenzene	ND	0.93	0.933		Naphthalene	ND	9.3	0.933	
sec-Butylbenzene	ND	0.93	0.933		n-Propylbenzene	ND	0.93	0.933	
tert-Butylbenzene	ND	0.93	0.933		Styrene	ND	0.93	0.933	
Carbon Disulfide	ND	9.3	0.933		1,1,1,2-Tetrachloroethane	1.4	0.9	0.933	
Carbon Tetrachloride	ND	0.93	0.933		1,1,2,2-Tetrachloroethane	ND	1.9	0.933	
Chlorobenzene	ND	0.93	0.933		Tetrachloroethene	5200	86	85.6	
Chloroethane	ND	1.9	0.933		Toluene	2.4	0.9	0.933	
Chloroform	450	86	85.6		1,2,3-Trichlorobenzene	ND	1.9	0.933	
Chloromethane	ND	19	0.933		1,2,4-Trichlorobenzene	ND	1.9	0.933	
2-Chlorotoluene	ND	0.93	0.933		1,1,1-Trichloroethane	6.3	0.9	0.933	
4-Chlorotoluene	ND	0.93	0.933		1,1,2-Trichloroethane	ND	0.93	0.933	
Dibromochloromethane	ND	1.9	0.933		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.3	0.933	
1,2-Dibromo-3-Chloropropane	ND	4.7	0.933		Trichloroethene	120	2	0.933	
1,2-Dibromoethane	ND	0.93	0.933		Trichlorofluoromethane	ND	9.3	0.933	
Dibromomethane	ND	0.93	0.933		1,2,3-Trichloropropane	ND	1.9	0.933	
1,2-Dichlorobenzene	ND	0.93	0.933		1,2,4-Trimethylbenzene	ND	1.9	0.933	
1,3-Dichlorobenzene	ND	0.93	0.933		1,3,5-Trimethylbenzene	ND	1.9	0.933	
1,4-Dichlorobenzene	ND	0.93	0.933		Vinyl Acetate	ND	9.3	0.933	
Dichlorodifluoromethane	ND	1.9	0.933		Vinyl Chloride	ND	0.93	0.933	
1,1-Dichloroethane	15	1	0.933		p/m-Xylene	ND	1.9	0.933	
1,2-Dichloroethane	2.3	0.9	0.933		o-Xylene	ND	0.93	0.933	
1,1-Dichloroethene	53	1	0.933		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.933	
c-1,2-Dichloroethene	14	1	0.933		Tert-Butyl Alcohol (TBA)	ND	19	0.933	
t-1,2-Dichloroethene	2.6	0.9	0.933		Diisopropyl Ether (DIPE)	0.99	0.93	0.933	
1,2-Dichloropropane	ND	0.93	0.933		Ethyl-t-Butyl Ether (ETBE)	ND	0.93	0.933	
1,3-Dichloropropane	ND	0.93	0.933		Tert-Amyl-Methyl Ether (TAME)	ND	0.93	0.933	
2,2-Dichloropropane	ND	4.7	0.933		Ethanol	ND	470	0.933	
1,1-Dichloropropene	ND	1.9	0.933						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	115	71-137		1,2-Dichloroethane-d4	136	58-160	
1,4-Bromofluorobenzene	78	66-126		Toluene-d8	95	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/07/06
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 9 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,804**	**N/A**	**Solid**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	115	58-160	
1,4-Bromofluorobenzene	86	66-126		Toluene-d8	94	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/07/06
Work Order No: 06-03-0399
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,811**	**N/A**	**Solid**	**03/09/06**	**03/09/06**	**060309L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	2000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	100	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	71-137		1,2-Dichloroethane-d4	110	58-160	
1,4-Bromofluorobenzene	87	66-126		Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/07/06
Work Order No: 06-03-0399
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MIP8-B4-8	**Solid**	**GC/MS P**	**03/08/06**	**03/09/06**	**060308S03D**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	108	110	50-130	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.		Date Received:	03/07/06
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-03-0381-1	**Aqueous**	**GC/MS CC**	**03/08/06**	**03/08/06**	**060308S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	97	88-118	3	0-7	
Carbon Tetrachloride	101	105	67-145	5	0-11	
Chlorobenzene	103	106	88-118	3	0-7	
1,2-Dichlorobenzene	102	104	86-116	2	0-8	
1,1-Dichloroethene	98	102	70-130	4	0-25	
Toluene	97	100	87-123	3	0-8	
Trichloroethene	100	104	79-127	4	0-10	
Vinyl Chloride	96	99	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	96	118	71-131	5	0-13	
Tert-Butyl Alcohol (TBA)	110	107	36-168	1	0-45	
Diisopropyl Ether (DIPE)	102	105	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	101	104	72-126	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	115	119	72-126	3	0-12	
Ethanol	89	102	53-149	14	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received:	N/A
Work Order No:	06-03-0399
Preparation:	EPA 3545
Method:	EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-005-109	**Solid**	**GC/MS P**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	101	104	50-130	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-17,270	**Aqueous**	**GC/MS CC**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	90	95	84-120	5	0-8	
Carbon Tetrachloride	99	103	63-147	4	0-10	
Chlorobenzene	99	106	89-119	7	0-7	
1,2-Dichlorobenzene	97	104	89-119	6	0-9	
1,1-Dichloroethene	97	100	77-125	3	0-16	
Toluene	93	99	83-125	7	0-9	
Trichloroethene	97	103	89-119	6	0-8	
Vinyl Chloride	94	99	63-135	5	0-13	
Methyl-t-Butyl Ether (MTBE)	101	104	82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	107	111	46-154	4	0-32	
Diisopropyl Ether (DIPE)	100	104	81-123	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	102	106	74-122	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	115	124	76-124	7	0-10	
Ethanol	87	94	60-138	7	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-03-0399
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,804	**Solid**	**GC/MS BB**	**03/08/06**	**03/08/06**	**060308L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	89	89	85-115	0	0-11	
Carbon Tetrachloride	97	96	68-134	1	0-14	
Chlorobenzene	96	97	83-119	1	0-9	
1,2-Dichlorobenzene	98	97	57-135	0	0-10	
1,1-Dichloroethene	91	93	72-120	2	0-10	
Toluene	95	92	67-127	3	0-10	
Trichloroethene	95	92	88-112	3	0-9	
Vinyl Chloride	81	82	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	92	91	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	100	99	31-145	1	0-23	
Diisopropyl Ether (DIPE)	86	87	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	85	92	77-125	7	0-9	
Tert-Amyl-Methyl Ether (TAME)	95	95	81-123	1	0-10	
Ethanol	82	77	44-152	7	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-03-0399
Preparation: EPA 5035
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,811	**Solid**	**GC/MS R**	**03/09/06**	**03/09/06**	**060309L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	102	85-115	2	0-11	
Carbon Tetrachloride	112	112	68-134	0	0-14	
Chlorobenzene	99	102	83-119	3	0-9	
1,2-Dichlorobenzene	101	105	57-135	4	0-10	
1,1-Dichloroethene	107	106	72-120	0	0-10	
Toluene	105	106	67-127	1	0-10	
Trichloroethene	101	104	88-112	3	0-9	
Vinyl Chloride	110	110	57-129	0	0-16	
Methyl-t-Butyl Ether (MTBE)	105	108	76-124	3	0-12	
Tert-Butyl Alcohol (TBA)	107	108	31-145	1	0-23	
Diisopropyl Ether (DIPE)	108	110	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	108	113	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	111	116	81-123	4	0-10	
Ethanol	95	97	44-152	2	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-03-0399

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 3/7/06

Page 1 of 1

LABORATORY CLIENT: CDM, Inc.
ADDRESS: 18581 Teller Ave., Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____
SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Sanderson
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 03-0399
COOLER RECEIPT TEMP = _____ °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or _____	BTEX / MTBE (8260B) or _____	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747_____	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	1,4-dioxane	Freon 11,12,113
1	MIP8-B4-8		3/7/06	935	Soil	4			✓	✓	✓	✓								✓	✓
2	MIP8-B4-29			950					✓	✓	✓	✓								✓	✓
3	MIP8-B4-33			1000					✓	✓	✓	✓								✓	✓
4	MIP8-B4-40			1030					✓	✓	✓	✓								✓	✓
5	MIP8-B4-56			1055					✓	✓	✓	✓								✓	✓
6	MIP22-B5-26			1315					✓	✓	✓	✓								✓	✓
7	MIP22-B5-36		↓	1330	↓	↓			✓	✓	✓	✓								✓	✓
8	TB01-030706				AQ	2					✓										
9	MIP8-B4-56K		3/7/06	1055	Soil	4			✓	✓	✓	✓								✓	✓

Relinquished by: (Signature) Scott A. Sanderson	Received by: (Signature) [illegible] CEC	Date: 3/7/6	Time: 1650
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) [illegible]	Received for Laboratory by: (Signature) WChan CEC	Date: 3/7/6	Time: 1645

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 03-0399

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: CDM **DATE:** 3/7/6

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
✓ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

3.0 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: [signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: [signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace	✓		
Tedlar bag(s) free of condensation			✓

Initial: [signature]

COMMENTS:

PTS Laboratories

CDM, Inc.
PTS File No: 36178

PHYSICAL PROPERTIES DATA

PROJECT NAME: Omega Chemical
PROJECT NO: 10500-37240

	METHODOLOGY:	ASTM D2216		API RP40		WALKLEY-BLACK	ASTM D5084	
							25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	BULK DENSITY (g/cc)	TOTAL POROSITY, % Vb (2)	TOTAL ORGANIC CARBON mg/kg	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (3,4) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (3,4) (cm/s)
MIP8-B4-8	8.70	V	21.4	1.52	42.8	1750	--	--
MIP8-B4-29	29.15	V	25.6	1.52	42.4	2150	--	--
MIP8-B4-33	33.15	V	20.3	1.77	33.0	1750	0.884	8.33E-07
MIP8-B4-40	39.15	V	24.9	1.56	40.9	910	--	--
MIP8-B4-56	56.85	V	19.8	1.68	36.7	770	--	--
MIP22-B5-26	26.80	V	15.8	1.64	38.2	790	--	--
MIP22-B5-36	37.90	V	18.8	1.66	37.6	690	--	--
VP21-B6-20	20.90	V	22.1	1.59	40.2	760	--	--
VP21-B6-29	29.15	V	22.7	1.57	40.9	670	--	--
VP21-B6-35	35.80	V	18.2	1.66	37.4	740	0.887	8.30E-07
VP21-B6-43	43.30	V	19.6	1.58	40.3	640	--	--
VP21-B6-48	49.90	V	22.6	1.65	38.0	1300	--	--
MIP21-B7-29	29.30	V	23.5	1.54	41.6	1200	--	--
MIP21-B7-35	35.80	V	21.8	1.59	39.6	1700	0.706	6.63E-07
MIP21-B7-44	44.20	V	27.5	1.55	49.1	1200	--	--
MIP21-B7-55	53.80	V	12.0	1.63	39.7	510	--	--

(1) Sample Orientation: H = horizontal; V = vertical (2) Total Porosity = no pore fluids in place; all interconnected pore channels; Air Filled = pore chan not occupied by pore fluids (3) Native State = As received with pore fluids in place (4) Permeability to water and conductivity measured at saturated conditions Vb = Bulk Volume, cc; Pv = Pore Volume, cc; ND = Not Detected

PTS Laboratories
ENVIRONMENTAL SERVICES

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

COMPANY: COM, Inc.

ADDRESS: 18581 Teller Ave., Suite 200 | CITY: Irvine | ZIP CODE: 92612

PROJECT MANAGER: Sharon Wallin

PROJECT NAME: Omega Chemical | PHONE NUMBER: (949) 752-5452

PROJECT NUMBER: 10500-37240 | FAX NUMBER: (949) 752-1307

SITE LOCATION: Whittier, CA

SAMPLER SIGNATURE: Scott A. Sanderson

PO#

TURNAROUND TIME
24 HOURS ☐ 5 DAYS ☐
48 HOURS ☐ NORMAL ☒
72 HOURS ☐
OTHER: _____

SAMPLE INTEGRITY (CHECK):
INTACT ____ ON ICE ____

PTS QUOTE NO.

PTS FILE: 36178

ANALYSIS REQUEST

SAMPLE ID NUMBER	DATE	TIME	DEPTH, FT	NUMBER OF SAMPLES	SOIL PROPERTIES PACKAGE	HYDRAULIC CONDUCTIVITY PACKAGE	PORE FLUID SATURATIONS PACKAGE	TCEQ/TNRCC PROPERTIES PACKAGE	CAPILLARITY PACKAGE	FLUID PROPERTIES PACKAGE	PHOTOLOG: CORE PHOTOGRAPHY	MOISTURE CONTENT, ASTM D2216	POROSITY: TOTAL, API RP40	POROSITY: EFFECTIVE, ASTM D425M	SPECIFIC GRAVITY, ASTM D854	BULK DENSITY (DRY), API RP40 or ASTM D2937	AIR PERMEABILITY, API RP40	HYDRAULIC CONDUCTIVITY, EPA9100, API RP40, D5084	GRAIN SIZE DISTRIBUTION, ASTM D422/4464M	TOC: WALKLEY-BLACK	ATTERBERG LIMITS, ASTM D4318	COMMENTS
MIP8-B4-8	3/7/06	935	8.5-10'	1								✓	✓			✓				✓		
MIP8-B4-29		950	29-30'	1								✓	✓			✓				✓		
MIP8-B4-33		1000	33-34'/32-33'	2								✓	✓			✓		✓		✓		
MIP8-B4-40		1030	39-40', 40-41'	2								✓	✓			✓				✓		
MIP8-B4-56		1055	56-57'	1								✓	✓			✓				✓		
MIP22-B5-26		1315	25-27'	1								✓	✓			✓				✓		
MIP22-B5-36		1330	36-38'	1								✓	✓			✓				✓		
VP21-B6-20	3/8/06	815	20-21'	1								✓	✓			✓				✓		
VP21-B6-29		820	29-30'	1								✓	✓			✓				✓		
VP21-B6-35		835	35-36'	1								✓	✓			✓		✓		✓		
VP21-B6-43		900	43-45'	1								✓	✓			✓				✓		

1. RELINQUISHED BY	2. RECEIVED BY	3. RELINQUISHED BY	4. RECEIVED BY
Scott A. Sanderson			
COMPANY: COM, Inc.	COMPANY: PTS LABS	COMPANY	COMPANY
DATE: 3-13-06 TIME: ~~9:00 AM~~ 1547	DATE: 3/13/06 TIME: 1547	DATE TIME	DATE TIME

PTS Laboratories
ENVIRONMENTAL SERVICES

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

COMPANY: Same as Page 1
ADDRESS | CITY | ZIP CODE
PROJECT MANAGER
PROJECT NAME | PHONE NUMBER
PROJECT NUMBER | FAX NUMBER
SITE LOCATION
SAMPLER SIGNATURE

ANALYSIS REQUEST

PO#

TURNAROUND TIME
24 HOURS ☐ 5 DAYS ☐
48 HOURS ☐ NORMAL ☐
72 HOURS ☐
OTHER: _____

SAMPLE INTEGRITY (CHECK):
INTACT ____ ON ICE ____

PTS QUOTE NO.

PTS FILE: 3678

SAMPLE ID NUMBER	DATE	TIME	DEPTH, FT	NUMBER OF SAMPLES	SOIL PROPERTIES PACKAGE	HYDRAULIC CONDUCTIVITY PACKAGE	PORE FLUID SATURATIONS PACKAGE	TCEQ/TNRCC PROPERTIES PACKAGE	CAPILLARITY PACKAGE	FLUID PROPERTIES PACKAGE	PHOTOLOG: CORE PHOTOGRAPHY	MOISTURE CONTENT, ASTM D2216	POROSITY: TOTAL, API RP40	POROSITY: EFFECTIVE, ASTM D425M	SPECIFIC GRAVITY, ASTM D854	BULK DENSITY (DRY), API RP40 or ASTM D2937	AIR PERMEABILITY, API RP40	HYDRAULIC CONDUCTIVITY, EPA9100, API RP40, D5084	GRAIN SIZE DISTRIBUTION, ASTM D422/4464M	TOC: WALKLEY-BLACK	ATTERBERG LIMITS, ASTM D4318	COMMENTS
VP21-B6-48	3/8/06	915	48-50'	1								✓	✓			✓				✓		
MIP21-B7-29	3/9/06	1010	29-30'	1								✓	✓			✓				✓		
MIP21-B7-35		1025	35-36'	1								✓	✓			✓		✓		✓		
MIP21-B7-44		1040	44-45'	1								✓	✓			✓				✓		
MIP21-B7-55		1130	53-54'	1								✓	✓			✓				✓		

1. RELINQUISHED BY	2. RECEIVED BY	3. RELINQUISHED BY	4. RECEIVED BY
Scott A. Handwerk			
COMPANY: COM, Inc.	COMPANY: PTS LABS	COMPANY	COMPANY
DATE: 3-13-06 TIME: ~~9:00AM~~ 1547	DATE: 3/13/06 TIME: 1547	DATE TIME	DATE TIME

PTS Laboratories, Inc. • 8100 Secura Way • Santa Fe Springs, CA 90670 • Phone (562) 907-3607 • Fax (562) 907-3610
PTS GeoLabs, Inc. • 4342 W. 12th St. • Houston, TX 77055 • Phone (713) 680-2291 • Fax (713) 680-0763

Calscience
Environmental
Laboratories, Inc.

March 14, 2006

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 06-03-0512**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/8/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Amanda Porter for

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/08/06
Work Order No: 06-03-0512
Preparation: EPA 3520B
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
EB01-030806	**06-03-0512-7**	**03/08/06**	**Aqueous**	**03/09/06**	**03/13/06**	**060308L04D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	95	56-123	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-004-546**	**N/A**	**Aqueous**	**03/08/06**	**03/09/06**	**060308L04D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	100	56-123	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/08/06
Work Order No: 06-03-0512
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-20	**06-03-0512-1**	**03/08/06**	**Solid**	**03/09/06**	**03/13/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	108	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-29	**06-03-0512-2**	**03/08/06**	**Solid**	**03/09/06**	**03/13/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	88	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-35	**06-03-0512-3**	**03/08/06**	**Solid**	**03/09/06**	**03/13/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	92	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-43	**06-03-0512-4**	**03/08/06**	**Solid**	**03/09/06**	**03/13/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	91	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/08/06
Work Order No: 06-03-0512
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-48	**06-03-0512-5**	**03/08/06**	**Solid**	**03/09/06**	**03/13/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	96	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-35K	**06-03-0512-8**	**03/08/06**	**Solid**	**03/09/06**	**03/13/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	93	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-005-109**	**N/A**	**Solid**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	110	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L
Project: Omega Chemical			Page 1 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TB02-030806	**06-03-0512-6**	**03/08/06**	**Aqueous**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	74-140		1,2-Dichloroethane-d4	90	74-146	
Toluene-d8	98	88-112		1,4-Bromofluorobenzene	94	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
EB01-030806	**06-03-0512-7**	**03/08/06**	**Aqueous**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	74-140		1,2-Dichloroethane-d4	92	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	93	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-17,275**	**N/A**	**Aqueous**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	74-140		1,2-Dichloroethane-d4	90	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	94	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 1 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-20	**06-03-0512-1**	**03/08/06**	**Solid**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	160	1	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	9.4	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	27	1	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	71-137		1,2-Dichloroethane-d4	100	58-160	
1,4-Bromofluorobenzene	94	66-126		Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 2 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-29	**06-03-0512-2**	**03/08/06**	**Solid**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	17	0.864		c-1,3-Dichloropropene	ND	0.86	0.864	
Benzene	ND	0.86	0.864		t-1,3-Dichloropropene	ND	1.7	0.864	
Bromobenzene	ND	0.86	0.864		Ethylbenzene	ND	0.86	0.864	
Bromochloromethane	ND	1.7	0.864		2-Hexanone	ND	17	0.864	
Bromodichloromethane	ND	0.86	0.864		Isopropylbenzene	ND	0.86	0.864	
Bromoform	ND	4.3	0.864		p-Isopropyltoluene	ND	0.86	0.864	
Bromomethane	ND	17	0.864		Methylene Chloride	ND	8.6	0.864	
2-Butanone	ND	17	0.864		4-Methyl-2-Pentanone	ND	17	0.864	
n-Butylbenzene	ND	0.86	0.864		Naphthalene	ND	8.6	0.864	
sec-Butylbenzene	ND	0.86	0.864		n-Propylbenzene	ND	0.86	0.864	
tert-Butylbenzene	ND	0.86	0.864		Styrene	ND	0.86	0.864	
Carbon Disulfide	ND	8.6	0.864		1,1,1,2-Tetrachloroethane	ND	0.86	0.864	
Carbon Tetrachloride	ND	0.86	0.864		1,1,2,2-Tetrachloroethane	ND	1.7	0.864	
Chlorobenzene	ND	0.86	0.864		Tetrachloroethene	960	100	102	
Chloroethane	ND	1.7	0.864		Toluene	ND	0.86	0.864	
Chloroform	ND	0.86	0.864		1,2,3-Trichlorobenzene	ND	1.7	0.864	
Chloromethane	ND	17	0.864		1,2,4-Trichlorobenzene	ND	1.7	0.864	
2-Chlorotoluene	ND	0.86	0.864		1,1,1-Trichloroethane	ND	0.86	0.864	
4-Chlorotoluene	ND	0.86	0.864		1,1,2-Trichloroethane	ND	0.86	0.864	
Dibromochloromethane	ND	1.7	0.864		1,1,2-Trichloro-1,2,2-Trifluoroethane	11	9	0.864	
1,2-Dibromo-3-Chloropropane	ND	4.3	0.864		Trichloroethene	16	2	0.864	
1,2-Dibromoethane	ND	0.86	0.864		Trichlorofluoromethane	ND	8.6	0.864	
Dibromomethane	ND	0.86	0.864		1,2,3-Trichloropropane	ND	1.7	0.864	
1,2-Dichlorobenzene	ND	0.86	0.864		1,2,4-Trimethylbenzene	ND	1.7	0.864	
1,3-Dichlorobenzene	ND	0.86	0.864		1,3,5-Trimethylbenzene	ND	1.7	0.864	
1,4-Dichlorobenzene	ND	0.86	0.864		Vinyl Acetate	ND	8.6	0.864	
Dichlorodifluoromethane	ND	1.7	0.864		Vinyl Chloride	ND	0.86	0.864	
1,1-Dichloroethane	ND	0.86	0.864		p/m-Xylene	ND	1.7	0.864	
1,2-Dichloroethane	ND	0.86	0.864		o-Xylene	ND	0.86	0.864	
1,1-Dichloroethene	44	1	0.864		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.864	
c-1,2-Dichloroethene	ND	0.86	0.864		Tert-Butyl Alcohol (TBA)	ND	17	0.864	
t-1,2-Dichloroethene	ND	0.86	0.864		Diisopropyl Ether (DIPE)	ND	0.86	0.864	
1,2-Dichloropropane	ND	0.86	0.864		Ethyl-t-Butyl Ether (ETBE)	ND	0.86	0.864	
1,3-Dichloropropane	ND	0.86	0.864		Tert-Amyl-Methyl Ether (TAME)	ND	0.86	0.864	
2,2-Dichloropropane	ND	4.3	0.864		Ethanol	ND	430	0.864	
1,1-Dichloropropene	ND	1.7	0.864						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	108	58-160	
1,4-Bromofluorobenzene	92	66-126		Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 3 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-35	**06-03-0512-3**	**03/08/06**	**Solid**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	19	0.94		c-1,3-Dichloropropene	ND	0.94	0.94	
Benzene	ND	0.94	0.94		t-1,3-Dichloropropene	ND	1.9	0.94	
Bromobenzene	ND	0.94	0.94		Ethylbenzene	ND	0.94	0.94	
Bromochloromethane	ND	1.9	0.94		2-Hexanone	ND	19	0.94	
Bromodichloromethane	ND	0.94	0.94		Isopropylbenzene	ND	0.94	0.94	
Bromoform	ND	4.7	0.94		p-Isopropyltoluene	ND	0.94	0.94	
Bromomethane	ND	19	0.94		Methylene Chloride	ND	9.4	0.94	
2-Butanone	ND	19	0.94		4-Methyl-2-Pentanone	ND	19	0.94	
n-Butylbenzene	ND	0.94	0.94		Naphthalene	ND	9.4	0.94	
sec-Butylbenzene	ND	0.94	0.94		n-Propylbenzene	ND	0.94	0.94	
tert-Butylbenzene	ND	0.94	0.94		Styrene	ND	0.94	0.94	
Carbon Disulfide	ND	9.4	0.94		1,1,1,2-Tetrachloroethane	ND	0.94	0.94	
Carbon Tetrachloride	ND	0.94	0.94		1,1,2,2-Tetrachloroethane	ND	1.9	0.94	
Chlorobenzene	ND	0.94	0.94		Tetrachloroethene	860	100	101	
Chloroethane	ND	1.9	0.94		Toluene	ND	0.94	0.94	
Chloroform	1.4	0.9	0.94		1,2,3-Trichlorobenzene	ND	1.9	0.94	
Chloromethane	ND	19	0.94		1,2,4-Trichlorobenzene	ND	1.9	0.94	
2-Chlorotoluene	ND	0.94	0.94		1,1,1-Trichloroethane	ND	0.94	0.94	
4-Chlorotoluene	ND	0.94	0.94		1,1,2-Trichloroethane	ND	0.94	0.94	
Dibromochloromethane	ND	1.9	0.94		1,1,2-Trichloro-1,2,2-Trifluoroethane	23	9	0.94	
1,2-Dibromo-3-Chloropropane	ND	4.7	0.94		Trichloroethene	41	2	0.94	
1,2-Dibromoethane	ND	0.94	0.94		Trichlorofluoromethane	9.6	9.4	0.94	
Dibromomethane	ND	0.94	0.94		1,2,3-Trichloropropane	ND	1.9	0.94	
1,2-Dichlorobenzene	ND	0.94	0.94		1,2,4-Trimethylbenzene	ND	1.9	0.94	
1,3-Dichlorobenzene	ND	0.94	0.94		1,3,5-Trimethylbenzene	ND	1.9	0.94	
1,4-Dichlorobenzene	ND	0.94	0.94		Vinyl Acetate	ND	9.4	0.94	
Dichlorodifluoromethane	ND	1.9	0.94		Vinyl Chloride	ND	0.94	0.94	
1,1-Dichloroethane	ND	0.94	0.94		p/m-Xylene	ND	1.9	0.94	
1,2-Dichloroethane	ND	0.94	0.94		o-Xylene	ND	0.94	0.94	
1,1-Dichloroethene	100	1	0.94		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.94	
c-1,2-Dichloroethene	ND	0.94	0.94		Tert-Butyl Alcohol (TBA)	ND	19	0.94	
t-1,2-Dichloroethene	ND	0.94	0.94		Diisopropyl Ether (DIPE)	ND	0.94	0.94	
1,2-Dichloropropane	ND	0.94	0.94		Ethyl-t-Butyl Ether (ETBE)	ND	0.94	0.94	
1,3-Dichloropropane	ND	0.94	0.94		Tert-Amyl-Methyl Ether (TAME)	ND	0.94	0.94	
2,2-Dichloropropane	ND	4.7	0.94		Ethanol	ND	470	0.94	
1,1-Dichloropropene	ND	1.9	0.94						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	106	58-160	
1,4-Bromofluorobenzene	93	66-126		Toluene-d8	100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 4 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-43	**06-03-0512-4**	**03/08/06**	**Solid**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	18	0.879		c-1,3-Dichloropropene	ND	0.88	0.879	
Benzene	ND	0.88	0.879		t-1,3-Dichloropropene	ND	1.8	0.879	
Bromobenzene	ND	0.88	0.879		Ethylbenzene	ND	0.88	0.879	
Bromochloromethane	ND	1.8	0.879		2-Hexanone	ND	18	0.879	
Bromodichloromethane	ND	0.88	0.879		Isopropylbenzene	ND	0.88	0.879	
Bromoform	ND	4.4	0.879		p-Isopropyltoluene	ND	0.88	0.879	
Bromomethane	ND	18	0.879		Methylene Chloride	ND	8.8	0.879	
2-Butanone	ND	18	0.879		4-Methyl-2-Pentanone	ND	18	0.879	
n-Butylbenzene	ND	0.88	0.879		Naphthalene	ND	8.8	0.879	
sec-Butylbenzene	ND	0.88	0.879		n-Propylbenzene	ND	0.88	0.879	
tert-Butylbenzene	ND	0.88	0.879		Styrene	ND	0.88	0.879	
Carbon Disulfide	ND	8.8	0.879		1,1,1,2-Tetrachloroethane	ND	0.88	0.879	
Carbon Tetrachloride	ND	0.88	0.879		1,1,2,2-Tetrachloroethane	ND	1.8	0.879	
Chlorobenzene	ND	0.88	0.879		Tetrachloroethene	1900	87	86.8	
Chloroethane	ND	1.8	0.879		Toluene	ND	0.88	0.879	
Chloroform	4.5	0.9	0.879		1,2,3-Trichlorobenzene	ND	1.8	0.879	
Chloromethane	ND	18	0.879		1,2,4-Trichlorobenzene	ND	1.8	0.879	
2-Chlorotoluene	ND	0.88	0.879		1,1,1-Trichloroethane	ND	0.88	0.879	
4-Chlorotoluene	ND	0.88	0.879		1,1,2-Trichloroethane	ND	0.88	0.879	
Dibromochloromethane	ND	1.8	0.879		1,1,2-Trichloro-1,2,2-Trifluoroethane	49	9	0.879	
1,2-Dibromo-3-Chloropropane	ND	4.4	0.879		Trichloroethene	72	2	0.879	
1,2-Dibromoethane	ND	0.88	0.879		Trichlorofluoromethane	18	9	0.879	
Dibromomethane	ND	0.88	0.879		1,2,3-Trichloropropane	ND	1.8	0.879	
1,2-Dichlorobenzene	ND	0.88	0.879		1,2,4-Trimethylbenzene	ND	1.8	0.879	
1,3-Dichlorobenzene	ND	0.88	0.879		1,3,5-Trimethylbenzene	ND	1.8	0.879	
1,4-Dichlorobenzene	ND	0.88	0.879		Vinyl Acetate	ND	8.8	0.879	
Dichlorodifluoromethane	ND	1.8	0.879		Vinyl Chloride	ND	0.88	0.879	
1,1-Dichloroethane	1.5	0.9	0.879		p/m-Xylene	ND	1.8	0.879	
1,2-Dichloroethane	ND	0.88	0.879		o-Xylene	ND	0.88	0.879	
1,1-Dichloroethene	170	1	0.879		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.879	
c-1,2-Dichloroethene	ND	0.88	0.879		Tert-Butyl Alcohol (TBA)	ND	18	0.879	
t-1,2-Dichloroethene	0.91	0.88	0.879		Diisopropyl Ether (DIPE)	ND	0.88	0.879	
1,2-Dichloropropane	ND	0.88	0.879		Ethyl-t-Butyl Ether (ETBE)	ND	0.88	0.879	
1,3-Dichloropropane	ND	0.88	0.879		Tert-Amyl-Methyl Ether (TAME)	ND	0.88	0.879	
2,2-Dichloropropane	ND	4.4	0.879		Ethanol	ND	440	0.879	
1,1-Dichloropropene	ND	1.8	0.879						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	71-137		1,2-Dichloroethane-d4	105	58-160	
1,4-Bromofluorobenzene	92	66-126		Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 5 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-48	**06-03-0512-5**	**03/08/06**	**Solid**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	24	1.2		c-1,3-Dichloropropene	ND	1.2	1.2	
Benzene	ND	1.2	1.2		t-1,3-Dichloropropene	ND	2.4	1.2	
Bromobenzene	ND	1.2	1.2		Ethylbenzene	ND	1.2	1.2	
Bromochloromethane	ND	2.4	1.2		2-Hexanone	ND	24	1.2	
Bromodichloromethane	ND	1.2	1.2		Isopropylbenzene	ND	1.2	1.2	
Bromoform	ND	6.0	1.2		p-Isopropyltoluene	ND	1.2	1.2	
Bromomethane	ND	24	1.2		Methylene Chloride	ND	12	1.2	
2-Butanone	ND	24	1.2		4-Methyl-2-Pentanone	ND	24	1.2	
n-Butylbenzene	ND	1.2	1.2		Naphthalene	ND	12	1.2	
sec-Butylbenzene	ND	1.2	1.2		n-Propylbenzene	ND	1.2	1.2	
tert-Butylbenzene	ND	1.2	1.2		Styrene	ND	1.2	1.2	
Carbon Disulfide	ND	12	1.2		1,1,1,2-Tetrachloroethane	ND	1.2	1.2	
Carbon Tetrachloride	ND	1.2	1.2		1,1,2,2-Tetrachloroethane	ND	2.4	1.2	
Chlorobenzene	ND	1.2	1.2		Tetrachloroethene	610	88	88	
Chloroethane	ND	2.4	1.2		Toluene	ND	1.2	1.2	
Chloroform	5.6	1.2	1.2		1,2,3-Trichlorobenzene	ND	2.4	1.2	
Chloromethane	ND	24	1.2		1,2,4-Trichlorobenzene	ND	2.4	1.2	
2-Chlorotoluene	ND	1.2	1.2		1,1,1-Trichloroethane	ND	1.2	1.2	
4-Chlorotoluene	ND	1.2	1.2		1,1,2-Trichloroethane	ND	1.2	1.2	
Dibromochloromethane	ND	2.4	1.2		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	12	1.2	
1,2-Dibromo-3-Chloropropane	ND	6.0	1.2		Trichloroethene	38	2	1.2	
1,2-Dibromoethane	ND	1.2	1.2		Trichlorofluoromethane	ND	12	1.2	
Dibromomethane	ND	1.2	1.2		1,2,3-Trichloropropane	ND	2.4	1.2	
1,2-Dichlorobenzene	ND	1.2	1.2		1,2,4-Trimethylbenzene	ND	2.4	1.2	
1,3-Dichlorobenzene	ND	1.2	1.2		1,3,5-Trimethylbenzene	ND	2.4	1.2	
1,4-Dichlorobenzene	ND	1.2	1.2		Vinyl Acetate	ND	12	1.2	
Dichlorodifluoromethane	ND	2.4	1.2		Vinyl Chloride	ND	1.2	1.2	
1,1-Dichloroethane	1.2	1.2	1.2		p/m-Xylene	ND	2.4	1.2	
1,2-Dichloroethane	ND	1.2	1.2		o-Xylene	ND	1.2	1.2	
1,1-Dichloroethene	66	1	1.2		Methyl-t-Butyl Ether (MTBE)	ND	2.4	1.2	
c-1,2-Dichloroethene	ND	1.2	1.2		Tert-Butyl Alcohol (TBA)	ND	24	1.2	
t-1,2-Dichloroethene	ND	1.2	1.2		Diisopropyl Ether (DIPE)	ND	1.2	1.2	
1,2-Dichloropropane	ND	1.2	1.2		Ethyl-t-Butyl Ether (ETBE)	ND	1.2	1.2	
1,3-Dichloropropane	ND	1.2	1.2		Tert-Amyl-Methyl Ether (TAME)	ND	1.2	1.2	
2,2-Dichloropropane	ND	6.0	1.2		Ethanol	ND	600	1.2	
1,1-Dichloropropene	ND	2.4	1.2						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	71-137		1,2-Dichloroethane-d4	107	58-160	
1,4-Bromofluorobenzene	93	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 6 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VP21-B6-35K	**06-03-0512-8**	**03/08/06**	**Solid**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	19	0.926		c-1,3-Dichloropropene	ND	0.93	0.926	
Benzene	ND	0.93	0.926		t-1,3-Dichloropropene	ND	1.9	0.926	
Bromobenzene	ND	0.93	0.926		Ethylbenzene	ND	0.93	0.926	
Bromochloromethane	ND	1.9	0.926		2-Hexanone	ND	19	0.926	
Bromodichloromethane	ND	0.93	0.926		Isopropylbenzene	ND	0.93	0.926	
Bromoform	ND	4.6	0.926		p-Isopropyltoluene	ND	0.93	0.926	
Bromomethane	ND	19	0.926		Methylene Chloride	ND	9.3	0.926	
2-Butanone	ND	19	0.926		4-Methyl-2-Pentanone	ND	19	0.926	
n-Butylbenzene	ND	0.93	0.926		Naphthalene	ND	9.3	0.926	
sec-Butylbenzene	ND	0.93	0.926		n-Propylbenzene	ND	0.93	0.926	
tert-Butylbenzene	ND	0.93	0.926		Styrene	ND	0.93	0.926	
Carbon Disulfide	ND	9.3	0.926		1,1,1,2-Tetrachloroethane	ND	0.93	0.926	
Carbon Tetrachloride	ND	0.93	0.926		1,1,2,2-Tetrachloroethane	ND	1.9	0.926	
Chlorobenzene	ND	0.93	0.926		Tetrachloroethene	1100	82	82.2	
Chloroethane	ND	1.9	0.926		Toluene	ND	0.93	0.926	
Chloroform	1.4	0.9	0.926		1,2,3-Trichlorobenzene	ND	1.9	0.926	
Chloromethane	ND	19	0.926		1,2,4-Trichlorobenzene	ND	1.9	0.926	
2-Chlorotoluene	ND	0.93	0.926		1,1,1-Trichloroethane	ND	0.93	0.926	
4-Chlorotoluene	ND	0.93	0.926		1,1,2-Trichloroethane	ND	0.93	0.926	
Dibromochloromethane	ND	1.9	0.926		1,1,2-Trichloro-1,2,2-Trifluoroethane	17	9	0.926	
1,2-Dibromo-3-Chloropropane	ND	4.6	0.926		Trichloroethene	41	2	0.926	
1,2-Dibromoethane	ND	0.93	0.926		Trichlorofluoromethane	ND	9.3	0.926	
Dibromomethane	ND	0.93	0.926		1,2,3-Trichloropropane	ND	1.9	0.926	
1,2-Dichlorobenzene	ND	0.93	0.926		1,2,4-Trimethylbenzene	ND	1.9	0.926	
1,3-Dichlorobenzene	ND	0.93	0.926		1,3,5-Trimethylbenzene	ND	1.9	0.926	
1,4-Dichlorobenzene	ND	0.93	0.926		Vinyl Acetate	ND	9.3	0.926	
Dichlorodifluoromethane	ND	1.9	0.926		Vinyl Chloride	ND	0.93	0.926	
1,1-Dichloroethane	ND	0.93	0.926		p/m-Xylene	ND	1.9	0.926	
1,2-Dichloroethane	ND	0.93	0.926		o-Xylene	ND	0.93	0.926	
1,1-Dichloroethene	96	1	0.926		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.926	
c-1,2-Dichloroethene	ND	0.93	0.926		Tert-Butyl Alcohol (TBA)	ND	19	0.926	
t-1,2-Dichloroethene	ND	0.93	0.926		Diisopropyl Ether (DIPE)	ND	0.93	0.926	
1,2-Dichloropropane	ND	0.93	0.926		Ethyl-t-Butyl Ether (ETBE)	ND	0.93	0.926	
1,3-Dichloropropane	ND	0.93	0.926		Tert-Amyl-Methyl Ether (TAME)	ND	0.93	0.926	
2,2-Dichloropropane	ND	4.6	0.926		Ethanol	ND	460	0.926	
1,1-Dichloropropene	ND	1.9	0.926						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	71-137		1,2-Dichloroethane-d4	111	58-160	
1,4-Bromofluorobenzene	91	66-126		Toluene-d8	100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/08/06
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 7 of 8

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,809**	**N/A**	**Solid**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	71-137		1,2-Dichloroethane-d4	90	58-160	
1,4-Bromofluorobenzene	93	66-126		Toluene-d8	98	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/08/06
Work Order No: 06-03-0512
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,814**	**N/A**	**Solid**	**03/09/06**	**03/10/06**	**060309L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	2000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	100	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	71-137		1,2-Dichloroethane-d4	101	58-160	
1,4-Bromofluorobenzene	93	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.	Date Received: 03/08/06
18581 Teller Avenue	Work Order No: 06-03-0512
Suite 200	Preparation: EPA 3545
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-03-0399-1	**Solid**	**GC/MS P**	**03/08/06**	**03/09/06**	**060308S03D**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	108	110	50-130	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/08/06
Work Order No: 06-03-0512
Preparation: EPA 5030B
Method: EPA 8260B

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-03-0511-6	**Aqueous**	**GC/MS U**	**03/09/06**	**03/09/06**	**060309S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	96	88-118	2	0-7	
Carbon Tetrachloride	101	98	67-145	3	0-11	
Chlorobenzene	102	101	88-118	1	0-7	
1,2-Dichlorobenzene	101	101	86-116	1	0-8	
1,1-Dichloroethene	92	87	70-130	5	0-25	
Toluene	99	97	87-123	2	0-8	
Trichloroethene	103	99	79-127	4	0-10	
Vinyl Chloride	83	86	69-129	4	0-13	
Methyl-t-Butyl Ether (MTBE)	88	81	71-131	8	0-13	
Tert-Butyl Alcohol (TBA)	63	44	36-168	35	0-45	
Diisopropyl Ether (DIPE)	94	92	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	90	89	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	94	91	72-126	3	0-12	
Ethanol	95	86	53-149	10	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-03-0512
Preparation: EPA 3520B
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-546	**Aqueous**	**GC/MS P**	**03/08/06**	**03/09/06**	**060308L04D**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	108	110	50-130	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 3545
Irvine, CA 92612-1627		Method:	EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-005-109	**Solid**	**GC/MS P**	**03/08/06**	**03/09/06**	**060308L03D**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	101	104	50-130	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-17,275	**Aqueous**	**GC/MS U**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	99	84-120	1	0-8	
Carbon Tetrachloride	100	101	63-147	0	0-10	
Chlorobenzene	102	102	89-119	0	0-7	
1,2-Dichlorobenzene	103	103	89-119	0	0-9	
1,1-Dichloroethene	94	95	77-125	1	0-16	
Toluene	100	99	83-125	0	0-9	
Trichloroethene	102	101	89-119	1	0-8	
Vinyl Chloride	85	85	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	88	89	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	57	63	46-154	10	0-32	
Diisopropyl Ether (DIPE)	94	94	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	91	91	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	94	95	76-124	1	0-10	
Ethanol	91	91	60-138	1	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-03-0512
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,809	**Solid**	**GC/MS Q**	**03/09/06**	**03/09/06**	**060309L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	98	85-115	3	0-11	
Carbon Tetrachloride	86	86	68-134	0	0-14	
Chlorobenzene	108	104	83-119	3	0-9	
1,2-Dichlorobenzene	107	102	57-135	5	0-10	
1,1-Dichloroethene	97	95	72-120	3	0-10	
Toluene	111	108	67-127	3	0-10	
Trichloroethene	104	102	88-112	3	0-9	
Vinyl Chloride	93	91	57-129	3	0-16	
Methyl-t-Butyl Ether (MTBE)	94	89	76-124	6	0-12	
Tert-Butyl Alcohol (TBA)	76	75	31-145	1	0-23	
Diisopropyl Ether (DIPE)	93	89	74-128	5	0-10	
Ethyl-t-Butyl Ether (ETBE)	90	85	77-125	5	0-9	
Tert-Amyl-Methyl Ether (TAME)	94	90	81-123	5	0-10	
Ethanol	96	97	44-152	1	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-03-0512
Preparation: EPA 5035
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,814	**Solid**	**GC/MS Q**	**03/09/06**	**03/10/06**	**060309L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	99	85-115	5	0-11	
Carbon Tetrachloride	89	93	68-134	4	0-14	
Chlorobenzene	98	101	83-119	4	0-9	
1,2-Dichlorobenzene	94	99	57-135	4	0-10	
1,1-Dichloroethene	92	95	72-120	3	0-10	
Toluene	103	108	67-127	5	0-10	
Trichloroethene	98	102	88-112	4	0-9	
Vinyl Chloride	89	94	57-129	6	0-16	
Methyl-t-Butyl Ether (MTBE)	86	90	76-124	4	0-12	
Tert-Butyl Alcohol (TBA)	66	71	31-145	7	0-23	
Diisopropyl Ether (DIPE)	85	88	74-128	4	0-10	
Ethyl-t-Butyl Ether (ETBE)	80	84	77-125	5	0-9	
Tert-Amyl-Methyl Ether (TAME)	84	89	81-123	6	0-10	
Ethanol	90	96	44-152	7	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-03-0512

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 3/8/06

Page 1 of 1

LABORATORY CLIENT: CDM, Inc

ADDRESS: 18581 Teller Ave, Suite 200

CITY: Irvine STATE: CA ZIP: 92612

TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: Omega Chemical

P.O. NO.:

PROJECT CONTACT: Sharon Wallin

LAB USE ONLY: 03-0512

SAMPLER(S): (SIGNATURE) Scott Sanderson

COELT LOG CODE ☐☐☐☐

COOLER RECEIPT TEMP = ____ °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or ____	BTEX / MTBE (8260B) or ____	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747 ____	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	1,4-dioxane	Freon 11,12,113			
	VP21-B6-20		3/8/06	815	Soil	4			✓	✓	✓	✓								✓	✓			
	VP21-B6-29		↓	820	↓	↓			✓	✓	✓	✓								✓	✓			
	VP21-B6-35		↓	835	↓	↓			✓	✓	✓	✓								✓	✓			
	VP21-B6-43		↓	900	↓	↓			✓	✓	✓	✓								✓	✓			
	VP21-B6-48		↓	915	↓	↓			✓	✓	✓	✓								✓	✓			
	TB02-030806				AQ	2					✓													
	EB01-030806		3/8/06	1030	AQ				✓	✓	✓									✓	✓			
	VP21-B6-35K		3/8/06	835	Soil	4			✓	✓	✓	✓								✓	✓			

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Scott A. Sanderson	[signature] CEC	3/8/6	1615
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) [signature]	Received for Laboratory by: (Signature) Shantanna Ce	3/8/6	17:00

DISTRIBUTION: When with final report, Green ~~to file~~, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 03 - 0512

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: CDM **DATE:** 3/8/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
✓ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
2.0 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: [signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: [signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: [signature]

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

March 23, 2006

Sharon Wallin
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 06-03-0583**
Client Reference: Omega Chemical

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/9/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 3520B
Irvine, CA 92612-1627		Method:	EPA 8270C(M) Isotope Dilution
Project: Omega Chemical			Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
EB03-030906	**06-03-0583-5**	**03/09/06**	**Aqueous**	**03/15/06**	**03/17/06**	**060315L05**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	106	56-123	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-004-551**	**N/A**	**Aqueous**	**03/15/06**	**03/17/06**	**060315L05**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	102	56-123	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/09/06
Work Order No: 06-03-0583
Preparation: EPA 3545
Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP21-B7-29	**06-03-0583-1**	**03/09/06**	**Solid**	**03/16/06**	**03/17/06**	**060316L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	113	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP21-B7-35	**06-03-0583-2**	**03/09/06**	**Solid**	**03/16/06**	**03/17/06**	**060316L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	113	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP21-B7-44	**06-03-0583-3**	**03/09/06**	**Solid**	**03/16/06**	**03/17/06**	**060316L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	118	28-139	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP21-B7-55	**06-03-0583-4**	**03/09/06**	**Solid**	**03/16/06**	**03/17/06**	**060316L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	118	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.	Date Received: 03/09/06
18581 Teller Avenue	Work Order No: 06-03-0583
Suite 200	Preparation: EPA 3545
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-005-111**	**N/A**	**Solid**	**03/16/06**	**03/17/06**	**060316L01**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	0.20	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	98	28-139	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
EB03-030906	**06-03-0583-5**	**03/09/06**	**Aqueous**	**03/09/06**	**03/10/06**	**060309L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	12	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	126	74-140		1,2-Dichloroethane-d4	133	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	84	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L
Project: Omega Chemical			Page 2 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TB03-030906	**06-03-0583-6**	**03/09/06**	**Aqueous**	**03/09/06**	**03/10/06**	**060309L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	74-140		1,2-Dichloroethane-d4	124	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	84	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L
Project: Omega Chemical			Page 3 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-17,282**	**N/A**	**Aqueous**	**03/09/06**	**03/10/06**	**060309L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	114	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	85	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 03/09/06
Work Order No: 06-03-0583
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP21-B7-29	**06-03-0583-1**	**03/09/06**	**Solid**	**03/10/06**	**03/10/06**	**060310L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	18	0.906		c-1,3-Dichloropropene	ND	0.91	0.906	
Benzene	ND	0.91	0.906		t-1,3-Dichloropropene	ND	1.8	0.906	
Bromobenzene	ND	0.91	0.906		Ethylbenzene	ND	0.91	0.906	
Bromochloromethane	ND	1.8	0.906		2-Hexanone	ND	18	0.906	
Bromodichloromethane	ND	0.91	0.906		Isopropylbenzene	ND	0.91	0.906	
Bromoform	ND	4.5	0.906		p-Isopropyltoluene	ND	0.91	0.906	
Bromomethane	ND	18	0.906		Methylene Chloride	ND	9.1	0.906	
2-Butanone	ND	18	0.906		4-Methyl-2-Pentanone	ND	18	0.906	
n-Butylbenzene	ND	0.91	0.906		Naphthalene	ND	9.1	0.906	
sec-Butylbenzene	ND	0.91	0.906		n-Propylbenzene	ND	0.91	0.906	
tert-Butylbenzene	ND	0.91	0.906		Styrene	ND	0.91	0.906	
Carbon Disulfide	ND	9.1	0.906		1,1,1,2-Tetrachloroethane	ND	0.91	0.906	
Carbon Tetrachloride	ND	0.91	0.906		1,1,2,2-Tetrachloroethane	ND	1.8	0.906	
Chlorobenzene	ND	0.91	0.906		Tetrachloroethene	750	89	89	
Chloroethane	ND	1.8	0.906		Toluene	ND	0.91	0.906	
Chloroform	1.4	0.9	0.906		1,2,3-Trichlorobenzene	ND	1.8	0.906	
Chloromethane	ND	18	0.906		1,2,4-Trichlorobenzene	ND	1.8	0.906	
2-Chlorotoluene	ND	0.91	0.906		1,1,1-Trichloroethane	ND	0.91	0.906	
4-Chlorotoluene	ND	0.91	0.906		1,1,2-Trichloroethane	ND	0.91	0.906	
Dibromochloromethane	ND	1.8	0.906		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.1	0.906	
1,2-Dibromo-3-Chloropropane	ND	4.5	0.906		Trichloroethene	22	2	0.906	
1,2-Dibromoethane	ND	0.91	0.906		Trichlorofluoromethane	ND	9.1	0.906	
Dibromomethane	ND	0.91	0.906		1,2,3-Trichloropropane	ND	1.8	0.906	
1,2-Dichlorobenzene	ND	0.91	0.906		1,2,4-Trimethylbenzene	ND	1.8	0.906	
1,3-Dichlorobenzene	ND	0.91	0.906		1,3,5-Trimethylbenzene	ND	1.8	0.906	
1,4-Dichlorobenzene	ND	0.91	0.906		Vinyl Acetate	ND	9.1	0.906	
Dichlorodifluoromethane	ND	1.8	0.906		Vinyl Chloride	ND	0.91	0.906	
1,1-Dichloroethane	ND	0.91	0.906		p/m-Xylene	ND	1.8	0.906	
1,2-Dichloroethane	ND	0.91	0.906		o-Xylene	ND	0.91	0.906	
1,1-Dichloroethene	70	1	0.906		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.906	
c-1,2-Dichloroethene	ND	0.91	0.906		Tert-Butyl Alcohol (TBA)	ND	18	0.906	
t-1,2-Dichloroethene	ND	0.91	0.906		Diisopropyl Ether (DIPE)	ND	0.91	0.906	
1,2-Dichloropropane	ND	0.91	0.906		Ethyl-t-Butyl Ether (ETBE)	ND	0.91	0.906	
1,3-Dichloropropane	ND	0.91	0.906		Tert-Amyl-Methyl Ether (TAME)	ND	0.91	0.906	
2,2-Dichloropropane	ND	4.5	0.906		Ethanol	ND	450	0.906	
1,1-Dichloropropene	ND	1.8	0.906						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	120	71-137		1,2-Dichloroethane-d4	133	58-160	
1,4-Bromofluorobenzene	95	66-126		Toluene-d8	102	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP21-B7-35	**06-03-0583-2**	**03/09/06**	**Solid**	**03/10/06**	**03/10/06**	**060310L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	16	0.776		c-1,3-Dichloropropene	ND	0.78	0.776	
Benzene	ND	0.78	0.776		t-1,3-Dichloropropene	ND	1.6	0.776	
Bromobenzene	ND	0.78	0.776		Ethylbenzene	ND	0.78	0.776	
Bromochloromethane	ND	1.6	0.776		2-Hexanone	ND	16	0.776	
Bromodichloromethane	ND	0.78	0.776		Isopropylbenzene	ND	0.78	0.776	
Bromoform	ND	3.9	0.776		p-Isopropyltoluene	ND	0.78	0.776	
Bromomethane	ND	16	0.776		Methylene Chloride	ND	7.8	0.776	
2-Butanone	ND	16	0.776		4-Methyl-2-Pentanone	ND	16	0.776	
n-Butylbenzene	ND	0.78	0.776		Naphthalene	ND	7.8	0.776	
sec-Butylbenzene	ND	0.78	0.776		n-Propylbenzene	ND	0.78	0.776	
tert-Butylbenzene	ND	0.78	0.776		Styrene	ND	0.78	0.776	
Carbon Disulfide	ND	7.8	0.776		1,1,1,2-Tetrachloroethane	ND	0.78	0.776	
Carbon Tetrachloride	ND	0.78	0.776		1,1,2,2-Tetrachloroethane	ND	1.6	0.776	
Chlorobenzene	ND	0.78	0.776		Tetrachloroethene	1900	100	101	
Chloroethane	ND	1.6	0.776		Toluene	ND	0.78	0.776	
Chloroform	5.7	0.8	0.776		1,2,3-Trichlorobenzene	ND	1.6	0.776	
Chloromethane	ND	16	0.776		1,2,4-Trichlorobenzene	ND	1.6	0.776	
2-Chlorotoluene	ND	0.78	0.776		1,1,1-Trichloroethane	ND	0.78	0.776	
4-Chlorotoluene	ND	0.78	0.776		1,1,2-Trichloroethane	ND	0.78	0.776	
Dibromochloromethane	ND	1.6	0.776		1,1,2-Trichloro-1,2,2-Trifluoroethane	21	8	0.776	
1,2-Dibromo-3-Chloropropane	ND	3.9	0.776		Trichloroethene	62	2	0.776	
1,2-Dibromoethane	ND	0.78	0.776		Trichlorofluoromethane	13	8	0.776	
Dibromomethane	ND	0.78	0.776		1,2,3-Trichloropropane	ND	1.6	0.776	
1,2-Dichlorobenzene	ND	0.78	0.776		1,2,4-Trimethylbenzene	ND	1.6	0.776	
1,3-Dichlorobenzene	ND	0.78	0.776		1,3,5-Trimethylbenzene	ND	1.6	0.776	
1,4-Dichlorobenzene	ND	0.78	0.776		Vinyl Acetate	ND	7.8	0.776	
Dichlorodifluoromethane	ND	1.6	0.776		Vinyl Chloride	ND	0.78	0.776	
1,1-Dichloroethane	1.2	0.8	0.776		p/m-Xylene	ND	1.6	0.776	
1,2-Dichloroethane	ND	0.78	0.776		o-Xylene	ND	0.78	0.776	
1,1-Dichloroethene	170	100	101		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.776	
c-1,2-Dichloroethene	ND	0.78	0.776		Tert-Butyl Alcohol (TBA)	ND	16	0.776	
t-1,2-Dichloroethene	ND	0.78	0.776		Diisopropyl Ether (DIPE)	ND	0.78	0.776	
1,2-Dichloropropane	ND	0.78	0.776		Ethyl-t-Butyl Ether (ETBE)	ND	0.78	0.776	
1,3-Dichloropropane	ND	0.78	0.776		Tert-Amyl-Methyl Ether (TAME)	ND	0.78	0.776	
2,2-Dichloropropane	ND	3.9	0.776		Ethanol	ND	390	0.776	
1,1-Dichloropropene	ND	1.6	0.776						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	117	71-137		1,2-Dichloroethane-d4	131	58-160	
1,4-Bromofluorobenzene	93	66-126		Toluene-d8	104	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg

Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP21-B7-44	**06-03-0583-3**	**03/09/06**	**Solid**	**03/10/06**	**03/10/06**	**060310L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	0.975		c-1,3-Dichloropropene	ND	0.98	0.975	
Benzene	ND	0.98	0.975		t-1,3-Dichloropropene	ND	2.0	0.975	
Bromobenzene	ND	0.98	0.975		Ethylbenzene	ND	0.98	0.975	
Bromochloromethane	ND	2.0	0.975		2-Hexanone	ND	20	0.975	
Bromodichloromethane	ND	0.98	0.975		Isopropylbenzene	ND	0.98	0.975	
Bromoform	ND	4.9	0.975		p-Isopropyltoluene	ND	0.98	0.975	
Bromomethane	ND	20	0.975		Methylene Chloride	ND	9.8	0.975	
2-Butanone	ND	20	0.975		4-Methyl-2-Pentanone	ND	20	0.975	
n-Butylbenzene	ND	0.98	0.975		Naphthalene	ND	9.8	0.975	
sec-Butylbenzene	ND	0.98	0.975		n-Propylbenzene	ND	0.98	0.975	
tert-Butylbenzene	ND	0.98	0.975		Styrene	ND	0.98	0.975	
Carbon Disulfide	ND	9.8	0.975		1,1,1,2-Tetrachloroethane	ND	0.98	0.975	
Carbon Tetrachloride	ND	0.98	0.975		1,1,2,2-Tetrachloroethane	ND	2.0	0.975	
Chlorobenzene	ND	0.98	0.975		Tetrachloroethene	2600	93	92.6	
Chloroethane	ND	2.0	0.975		Toluene	ND	0.98	0.975	
Chloroform	17	1	0.975		1,2,3-Trichlorobenzene	ND	2.0	0.975	
Chloromethane	ND	20	0.975		1,2,4-Trichlorobenzene	ND	2.0	0.975	
2-Chlorotoluene	ND	0.98	0.975		1,1,1-Trichloroethane	1.4	1.0	0.975	
4-Chlorotoluene	ND	0.98	0.975		1,1,2-Trichloroethane	ND	0.98	0.975	
Dibromochloromethane	ND	2.0	0.975		1,1,2-Trichloro-1,2,2-Trifluoroethane	33	10	0.975	
1,2-Dibromo-3-Chloropropane	ND	4.9	0.975		Trichloroethene	110	2	0.975	
1,2-Dibromoethane	ND	0.98	0.975		Trichlorofluoromethane	16	10	0.975	
Dibromomethane	ND	0.98	0.975		1,2,3-Trichloropropane	ND	2.0	0.975	
1,2-Dichlorobenzene	ND	0.98	0.975		1,2,4-Trimethylbenzene	ND	2.0	0.975	
1,3-Dichlorobenzene	ND	0.98	0.975		1,3,5-Trimethylbenzene	ND	2.0	0.975	
1,4-Dichlorobenzene	ND	0.98	0.975		Vinyl Acetate	ND	9.8	0.975	
Dichlorodifluoromethane	ND	2.0	0.975		Vinyl Chloride	ND	0.98	0.975	
1,1-Dichloroethane	2.3	1.0	0.975		p/m-Xylene	ND	2.0	0.975	
1,2-Dichloroethane	ND	0.98	0.975		o-Xylene	ND	0.98	0.975	
1,1-Dichloroethene	290	93	92.6		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.975	
c-1,2-Dichloroethene	1.2	1.0	0.975		Tert-Butyl Alcohol (TBA)	ND	20	0.975	
t-1,2-Dichloroethene	ND	0.98	0.975		Diisopropyl Ether (DIPE)	ND	0.98	0.975	
1,2-Dichloropropane	ND	0.98	0.975		Ethyl-t-Butyl Ether (ETBE)	ND	0.98	0.975	
1,3-Dichloropropane	ND	0.98	0.975		Tert-Amyl-Methyl Ether (TAME)	ND	0.98	0.975	
2,2-Dichloropropane	ND	4.9	0.975		Ethanol	ND	490	0.975	
1,1-Dichloropropene	ND	2.0	0.975						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	116	71-137		1,2-Dichloroethane-d4	132	58-160	
1,4-Bromofluorobenzene	93	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg

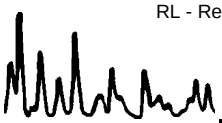
Project: Omega Chemical

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MIP21-B7-55	**06-03-0583-4**	**03/09/06**	**Solid**	**03/10/06**	**03/13/06**	**060313L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	150	1	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	16	1	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	13	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	19	2	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	1.1	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	37	1	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	117	71-137		1,2-Dichloroethane-d4	130	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 5 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,817**	**N/A**	**Solid**	**03/10/06**	**03/10/06**	**060310L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	71-137		1,2-Dichloroethane-d4	115	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 6 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,829**	**N/A**	**Solid**	**03/13/06**	**03/13/06**	**060313L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	2000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	100	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	107	58-160	
1,4-Bromofluorobenzene	95	66-126		Toluene-d8	106	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/kg
Project: Omega Chemical			Page 7 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-12,830**	**N/A**	**Solid**	**03/13/06**	**03/13/06**	**060313L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	71-137		1,2-Dichloroethane-d4	114	58-160	
1,4-Bromofluorobenzene	94	66-126		Toluene-d8	100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.	Date Received: 03/09/06
18581 Teller Avenue	Work Order No: 06-03-0583
Suite 200	Preparation: EPA 3545
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MIP21-B7-29	**Solid**	**GC/MS P**	**03/16/06**	**03/17/06**	**060316S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	109	102	50-130	7	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.		Date Received:	03/09/06
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-03-0570-1	**Aqueous**	**GC/MS T**	**03/09/06**	**03/10/06**	**060309S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	109	106	88-118	2	0-7	
Carbon Tetrachloride	103	102	67-145	1	0-11	
Chlorobenzene	105	103	88-118	2	0-7	
1,2-Dichlorobenzene	106	105	86-116	1	0-8	
1,1-Dichloroethene	96	96	70-130	0	0-25	
Toluene	113	109	87-123	3	0-8	
Trichloroethene	99	99	79-127	1	0-10	
Vinyl Chloride	100	103	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	98	101	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	83	96	36-168	15	0-45	
Diisopropyl Ether (DIPE)	106	106	81-123	0	0-9	
Ethyl-t-Butyl Ether (ETBE)	96	99	72-126	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	102	72-126	2	0-12	
Ethanol	105	103	53-149	2	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 06-03-0583
Suite 200	Preparation: EPA 3520B
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-551	**Aqueous**	**GC/MS P**	**03/15/06**	**03/17/06**	**060315L05**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	106	111	50-130	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 06-03-0583
Suite 200	Preparation: EPA 3545
Irvine, CA 92612-1627	Method: EPA 8270C(M) Isotope Dilution

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-005-111	**Solid**	**GC/MS P**	**03/16/06**	**03/17/06**	**060316L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	99	100	50-130	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-03-0583
Preparation: EPA 5030B
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-17,282	**Aqueous**	**GC/MS T**	**03/09/06**	**03/10/06**	**060309L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	84-120	0	0-8	
Carbon Tetrachloride	102	103	63-147	0	0-10	
Chlorobenzene	104	103	89-119	1	0-7	
1,2-Dichlorobenzene	107	106	89-119	1	0-9	
1,1-Dichloroethene	108	108	77-125	0	0-16	
Toluene	113	109	83-125	4	0-9	
Trichloroethene	100	102	89-119	2	0-8	
Vinyl Chloride	103	99	63-135	3	0-13	
Methyl-t-Butyl Ether (MTBE)	99	101	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	81	78	46-154	4	0-32	
Diisopropyl Ether (DIPE)	110	111	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	99	102	74-122	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	101	76-124	1	0-10	
Ethanol	97	95	60-138	3	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.	Date Received: N/A
18581 Teller Avenue	Work Order No: 06-03-0583
Suite 200	Preparation: EPA 5035
Irvine, CA 92612-1627	Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,817	**Solid**	**GC/MS S**	**03/10/06**	**03/10/06**	**060310L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	99	85-115	1	0-11	
Carbon Tetrachloride	110	107	68-134	2	0-14	
Chlorobenzene	101	100	83-119	1	0-9	
1,2-Dichlorobenzene	101	100	57-135	1	0-10	
1,1-Dichloroethene	104	100	72-120	5	0-10	
Toluene	102	104	67-127	2	0-10	
Trichloroethene	102	102	88-112	0	0-9	
Vinyl Chloride	99	95	57-129	5	0-16	
Methyl-t-Butyl Ether (MTBE)	94	89	76-124	5	0-12	
Tert-Butyl Alcohol (TBA)	101	93	31-145	8	0-23	
Diisopropyl Ether (DIPE)	103	100	74-128	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	93	77-125	3	0-9	
Tert-Amyl-Methyl Ether (TAME)	97	98	81-123	1	0-10	
Ethanol	102	95	44-152	7	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-03-0583
Preparation: EPA 5035
Method: EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,830	**Solid**	**GC/MS S**	**03/13/06**	**03/13/06**	**060313L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	90	85-115	1	0-11	
Carbon Tetrachloride	103	102	68-134	1	0-14	
Chlorobenzene	93	96	83-119	3	0-9	
1,2-Dichlorobenzene	93	93	57-135	0	0-10	
1,1-Dichloroethene	101	95	72-120	7	0-10	
Toluene	95	95	67-127	0	0-10	
Trichloroethene	98	96	88-112	2	0-9	
Vinyl Chloride	90	89	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	82	88	76-124	7	0-12	
Tert-Butyl Alcohol (TBA)	72	87	31-145	19	0-23	
Diisopropyl Ether (DIPE)	93	94	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	87	91	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	88	90	81-123	1	0-10	
Ethanol	81	79	44-152	2	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-03-0583
Suite 200		Preparation:	EPA 5035
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Omega Chemical

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,829	**Solid**	**GC/MS S**	**03/13/06**	**03/13/06**	**060313L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	90	85-115	1	0-11	
Carbon Tetrachloride	103	102	68-134	1	0-14	
Chlorobenzene	93	96	83-119	3	0-9	
1,2-Dichlorobenzene	93	93	57-135	0	0-10	
1,1-Dichloroethene	101	95	72-120	7	0-10	
Toluene	95	95	67-127	0	0-10	
Trichloroethene	98	96	88-112	2	0-9	
Vinyl Chloride	90	89	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	82	88	76-124	7	0-12	
Tert-Butyl Alcohol (TBA)	72	87	31-145	19	0-23	
Diisopropyl Ether (DIPE)	93	94	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	87	91	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	88	90	81-123	1	0-10	
Ethanol	81	79	44-152	2	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-03-0583

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 3/9/06

Page 1 of 1

LABORATORY CLIENT: CDM, Inc
ADDRESS: 18581 Teller Ave., Suite 200
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL:
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐
SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: Omega Chemical
PROJECT CONTACT: Sharon Wallin
SAMPLER(S): (SIGNATURE) Scott A. Anderson
COELT LOG CODE ☐☐☐☐
P.O. NO.:
LAB USE ONLY 03-0588
COOLER RECEIPT TEMP = °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	1,4-Dioxane	Freon 11, 12, 113			
	MIP21-B7-29		3/9/06	1010	Soil	4			✓	✓	✓	✓								✓	✓			
	MIP21-B7-35		3/9/06	1025					✓	✓	✓	✓								✓	✓			
	MIP21-B7-44		3/9/06	1040					✓	✓	✓	✓								✓	✓			
	MIP21-B7-55		3/9/06	1130	↓	↓			✓	✓	✓	✓								✓	✓			
	EB02-030906		3/9/06	1140	AQ	4			✓	✓	✓									✓	✓			
	TB03-030906				AQ	2					✓													

Relinquished by: (Signature) Scott A. Anderson	Received by: (Signature)	Date: 3/9/6	Time: 1520
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received for Laboratory by: (Signature) W Chatman CE	Date: 3/9/6	Time: 1620

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 03 - 0583

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: CDM **DATE:** 3/9/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- 1 Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.
- 2.0 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: [signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: [signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: [signature]

COMMENTS:

(-5)'s Sample container labels read EB-03-030906 SP

BC Laboratories, Inc.

Cover Report

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Project Number: 10500-37240
COC Number:
BCL Number: 04-03413

Dear Ms. Wallin:

This report contains the analytical results for the samples received under chain of custody by BC Laboratories, Inc. The samples were logged into the Laboratory Information Management System (LIMS) and BC Lab numbers were assigned to each sample. The result of the temperature check, condition of the samples and any other discrepancies were recorded on the cooler receipt form.

All applicable quality control procedures met method-specific acceptance criteria, except as noted on the following analytical and quality control reports.

This report shall not be reproduced except in full, without written approval of the laboratory.

California DOHS Certification #1186

Authorized Signature

All result listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Camp Dresser

Chain of Custody Form

PLEASE COMPLETE:
BCL QUOTE ID:

42295

Page 1 of 1

Report To:
Client: CDM
Attn: Sharon Wallin
Street Address: ~~158~~ 18581 Teller Ave #200
City, State, Zip: Irvine, CA 92612
Phone: 949 752 5452 Fax: " " 1307
Email Address:
Submittal #: 04-03413

Project #: 10500-37240
Project Name: Omega
Project Code:
Sampler(s): Mike Hoffman

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments:

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Sample #	Description	Date Sampled	Time Sampled	SVOCs 8270	1,4 Dioxane 8270	Pesticides/PCB 8080	Metals 8082	Level IV	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-1	OCSS-000-01-040504	4 5 04	10:15	X		X	X		X							HOLD DIOXANE
-2	-02-		11:00	X		X	X	X	X							
-3	-03-		11:30	X		X	X		X							
-4	-05-		12:15	X		X	X		X							
-5	-06-		12:45	X		X	X		X							
-6	-07-		13:10	X		X	X		X							
-7	-08-		14:15	X		X	X		X							
-8	500-08-		14:30	X		X	X		X							
-9	700-08-		15:15	X	X	X	X							water		~~water~~

Arsenic by 6010 needs 0.5 dl

CHK BY DISTRIBUTION SB MA BG MLF SUB-OUT ☐

Billing ☐ Same as above

Client:
Address:
City: State Zip
Attn:
PO#:

Report Drinking Waters on State Form? ☐ Yes ☑ No

Send Copy to State of CA? ☐ Yes ☑ No

Sample Disposal ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting ☑ QC ☐ WIP ☐ Raw Data

	Date	Time		Date	Time
1. Relinquished By [signature]	4/5/04	15:35	1. Received By [signature]	4-5-04	1535
2. Relinquished By [signature]	4-5-04	2140	2. Received By [signature]	4-5-04	2140
3. Relinquished By			3. Received By		

04-3413

BC Laboratories, Inc. — Chain of Custody Form

PLEASE COMPUTER ACCOUNT ID:

42295

Page 1 of 1

Report To:
Client: CDM
Attn: Sharon Wallin
Street Address: 1838 Tell Ave #200
City, State, Zip: Irvine, CA 92612
Phone: 949-753-8155 Fax: 1307
Email Address:
Submittal #:

Project #: 10500-37240
Project Name: Omega
Project Code:
Sampler(s): Mike Hoffman

Analysis Requested

Please refer to the back of this page for completion otherwise SVOCs and method 1,4 Dioxane 8270 Pesticides 8081 Metals Level IV Pesticides 8081 Pesticides Level IV required.

Comments:

Sample #	Description	Date Sampled	Time Sampled	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
1	OC55-000-01-040504	4/5/04	10:15						—		HOLD DIOXANE
2	-02-		11:00								
3	-03-		11:30								
4	-05		12:15								
5	-06-		12:45								
6	-07-		13:10								
7	-08-		14:15								
8	500-08		14:30								
9	700-08		15:15								* Arsenic by 6010 needs a 05 dl

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Billing ☐ Same as above
Client:
Address:
City: State Zip
Attn:
PO#:

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

	Relinquished By	Date	Time	Received By	Date	Time
1.	[signature]	4/5/04	5:35	[signature]	4-5-04	1531
2.						
3.						

APR-07-04 09:23AM FROM-Camp Dresser & McKee +9497521307 T-766 P.003/003 F-305

CDM Fax

CDM

18581 Teller Avenue, Suite 200
Irvine, California 92612
(949) 752-5452
(949) 752-1307 FAX
(949) 263-9060 Accounting FAX

To:	Tina Green	**From:**	Sharon Wallin
Organization:		**Date:**	4/7/04
Fax No.:	661 / 327-1918	**Time:**	10:20 am
Re:	Revised COCs	**Job #:**	
# of Pages: (including cover sheet)	3		

Message:

Call me if you have questions.

Thanks

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page __ Of __

Submission #: 04-03413 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Ice Chest ID Rod
Temperature: 2.7 °C
Thermometer ID: 80

Emissivity .95
Container Poke

Date/Time 4/5/04 2200
Analyst Init CEN

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS									1	
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080									2,3	
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER									4,5	
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2		
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: OT Date/Time: 4/6/04 13:10

BC Laboratories, Inc

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 10:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-01-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03413-1

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	0.6	mg/kg	10	0.6	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	500.	15.		A01,R01
Arsenic	21	mg/kg	1	0.4	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	500	5.0		A01
Barium	150	mg/kg	1	0.079	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	10000	100.		A01
Beryllium	0.46	mg/kg	1	0.043	SW-6010	04/12/04	04/15/04	17:56	JCC	TJA61E	1.92	167-103043	0.10	75	0.75		A01,R01
Cadmium	1.4	mg/kg	1	0.093	SW-6010	04/12/04	04/15/04	17:56	JCC	TJA61E	1.92	167-103043	0.16	100	1.0		A01
Chromium	19	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	2500	5.0		A01
Cobalt	8.9	mg/kg	5	0.12	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	8000	80.		A01
Copper	22	mg/kg	2	1	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	2500	25.		A01
Lead	25	mg/kg	5	0.2	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	0.2	1000	5.0		A01
Mercury	0.85	mg/kg	0.2	0.027	SW-7471	04/09/04	04/09/04	13:55	PAP	LDC1	1.01	166-100917	ND	20	0.2		
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	3500	350.		A01
Nickel	19	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	17:56	JCC	TJA61E	1.92	167-103043	0.17	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	500	5.0		A01
Thallium	None Detected	mg/kg	10	0.8	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	700	7.0		A01
Vanadium	38	mg/kg	1	0.10	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	2400.	24.		A01
Zinc	120	mg/kg	5	2.2	SW-6010	04/12/04	04/15/04	00:18	JCC	TJA61E	1.92	167-103043	ND	5000	250.		A01

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

BC Laboratories, Inc

Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OCSS-000-01-040504, 04/05/2004 @ 10:15, Mike Hoffman

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
R01	The sample result is between the MDL and PQL.

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4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * FAX (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-02-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03413-2

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	0.8	mg/kg	10	0.6	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	500.	15.		A01,R01
Arsenic	6.0	mg/kg	1	0.4	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	500	5.0		A01
Barium	160	mg/kg	1	0.079	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	10000	100.		A01
Beryllium	0.48	mg/kg	1	0.042	SW-6010	04/12/04	04/15/04	18:28	JCC	TJA61E	1.9	167-103043	0.10	75	0.75		A01,R01
Cadmium	1.8	mg/kg	1	0.092	SW-6010	04/12/04	04/15/04	18:28	JCC	TJA61E	1.9	167-103043	0.16	100	1.0		A01
Chromium	23	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	2500	5.0		A01
Cobalt	9.3	mg/kg	5	0.12	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	8000	80.		A01
Copper	28	mg/kg	2	1	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	2500	25.		A01
Lead	60	mg/kg	5	0.2	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	0.2	1000	5.0		A01
Mercury	0.59	mg/kg	0.2	0.024	SW-7471	04/09/04	04/09/04	13:55	PAP	LDC1	0.893	166-100917	ND	20	0.2		
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	3500	350.		A01
Nickel	29	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	18:28	JCC	TJA61E	1.9	167-103043	0.17	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	500	5.0		A01
Thallium	2	mg/kg	10	0.7	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	700	7.0		A01,R01
Vanadium	44	mg/kg	1	0.10	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	2400.	24.		A01
Zinc	120	mg/kg	5	2.2	SW-6010	04/12/04	04/15/04	00:50	JCC	TJA61E	1.9	167-103043	ND	5000	250.		A01

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * FAX (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OCSS-000-02-040504, 04/05/2004 @ 11:00, Mike Hoffman

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
R01	The sample result is between the MDL and PQL.

California DOHS Certification #1186

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * FAX (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-03-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03413-3

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	500.	15.		A01
Arsenic	3	mg/kg	1	0.4	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	500	5.0		A01
Barium	75	mg/kg	1	0.079	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	10000	100.		A01
Beryllium	0.19	mg/kg	1	0.042	SW-6010	04/12/04	04/15/04	18:34	JCC	TJA61E	1.9	167-103043	0.10	75	0.75		A01,R01
Cadmium	0.35	mg/kg	1	0.092	SW-6010	04/12/04	04/15/04	18:34	JCC	TJA61E	1.9	167-103043	0.16	100	1.0		A01,R01
Chromium	8.3	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	2500	5.0		A01
Cobalt	12	mg/kg	5	0.12	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	8000	80.		A01
Copper	13	mg/kg	2	1	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	2500	25.		A01
Lead	9.8	mg/kg	5	0.2	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	0.2	1000	5.0		A01
Mercury	0.16	mg/kg	0.2	0.028	SW-7471	04/09/04	04/09/04	13:55	PAP	LDC1	1.04	166-100917	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	3500	350.		A01
Nickel	9.2	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	18:34	JCC	TJA61E	1.9	167-103043	0.17	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	500	5.0		A01
Thallium	None Detected	mg/kg	10	0.7	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	700	7.0		A01
Vanadium	20	mg/kg	1	0.10	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	2400.	24.		A01
Zinc	37	mg/kg	5	2.2	SW-6010	04/12/04	04/15/04	01:03	JCC	TJA61E	1.9	167-103043	ND	5000	250.		A01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OCSS-000-03-040504, 04/05/2004 @ 11:30, Mike Hoffman

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
R01	The sample result is between the MDL and PQL.

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IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-05-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03413-4

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	500.	15.		A01
Arsenic	3	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	500	5.0		A01
Barium	82	mg/kg	1	0.082	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	10000	100.		A01
Beryllium	0.18	mg/kg	1	0.044	SW-6010	04/12/04	04/15/04	18:41	JCC	TJA61E	1.98	167-103043	0.11	75	0.75		A01,R01
Cadmium	0.25	mg/kg	1	0.096	SW-6010	04/12/04	04/15/04	18:41	JCC	TJA61E	1.98	167-103043	0.17	100	1.0		A01,R01
Chromium	10	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	2500	5.0		A01
Cobalt	6.3	mg/kg	5	0.13	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	8000	80.		A01
Copper	14	mg/kg	2	1	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	2500	25.		A01
Lead	5	mg/kg	5	0.2	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	0.2	1000	5.0		A01,R01
Mercury	0.26	mg/kg	0.2	0.028	SW-7471	04/09/04	04/09/04	13:55	PAP	LDC1	1.04	166-100917	ND	20	0.2		
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	3500	350.		A01
Nickel	11	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	18:41	JCC	TJA61E	1.98	167-103043	0.18	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	500	5.0		A01
Thallium	1	mg/kg	10	0.8	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	700	7.0		A01,R01
Vanadium	22	mg/kg	1	0.11	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	2400.	24.		A01
Zinc	34	mg/kg	5	2.2	SW-6010	04/12/04	04/15/04	01:09	JCC	TJA61E	1.98	167-103043	ND	5000	250.		A01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OCSS-000-05-040504, 04/05/2004 @ 12:15, Mike Hoffman

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-06-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03413-5

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	0.7	mg/kg	10	0.6	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	500.	15.		A01,R01
Arsenic	8.7	mg/kg	1	0.4	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	500	5.0		A01
Barium	170	mg/kg	1	0.080	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	10000	100.		A01
Beryllium	0.41	mg/kg	1	0.043	SW-6010	04/12/04	04/15/04	19:21	JCC	TJA61E	1.94	167-103043	0.11	75	0.75		A01,R01
Cadmium	1.1	mg/kg	1	0.094	SW-6010	04/12/04	04/15/04	19:21	JCC	TJA61E	1.94	167-103043	0.17	100	1.0		A01
Chromium	27	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	2500	5.0		A01
Cobalt	8.4	mg/kg	5	0.12	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	8000	80.		A01
Copper	35	mg/kg	2	1	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	2500	25.		A01
Lead	100	mg/kg	5	0.2	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	0.2	1000	5.0		A01
Mercury	0.70	mg/kg	0.2	0.027	SW-7471	04/09/04	04/09/04	13:55	PAP	LDC1	1.01	166-100917	ND	20	0.2		
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	3500	350.		A01
Nickel	23	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	19:21	JCC	TJA61E	1.94	167-103043	0.17	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	100.	1.0		A01
Silver	1.2	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	500	5.0		A01
Thallium	2	mg/kg	10	0.8	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	700	7.0		A01,R01
Vanadium	44	mg/kg	1	0.11	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	2400.	24.		A01
Zinc	120	mg/kg	5	2.2	SW-6010	04/12/04	04/15/04	01:45	JCC	TJA61E	1.94	167-103043	ND	5000	250.		A01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OCSS-000-06-040504, 04/05/2004 @ 12:45, Mike Hoffman

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 13:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-07-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03413-6

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	0.7	mg/kg	10	0.6	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	500.	15.		A01,R01
Arsenic	6.6	mg/kg	1	0.4	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	500	5.0		A01
Barium	170	mg/kg	1	0.080	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	10000	100.		A01
Beryllium	0.49	mg/kg	1	0.043	SW-6010	04/12/04	04/15/04	19:28	JCC	TJA61E	1.94	167-103043	0.11	75	0.75		A01,R01
Cadmium	2.1	mg/kg	1	0.094	SW-6010	04/12/04	04/15/04	19:28	JCC	TJA61E	1.94	167-103043	0.17	100	1.0		A01
Chromium	25	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	2500	5.0		A01
Cobalt	9.5	mg/kg	5	0.12	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	8000	80.		A01
Copper	30	mg/kg	2	1	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	2500	25.		A01
Lead	40	mg/kg	5	0.2	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	0.2	1000	5.0		A01
Mercury	0.034	mg/kg	0.2	0.026	SW-7471	04/09/04	04/09/04	13:55	PAP	LDC1	0.977	166-100917	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	3500	350.		A01
Nickel	27	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	19:28	JCC	TJA61E	1.94	167-103043	0.17	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	500	5.0		A01
Thallium	2	mg/kg	10	0.8	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	700	7.0		A01,R01
Vanadium	49	mg/kg	1	0.11	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	2400.	24.		A01
Zinc	160	mg/kg	5	2.2	SW-6010	04/12/04	04/15/04	01:51	JCC	TJA61E	1.94	167-103043	ND	5000	250.		A01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OCSS-000-07-040504, 04/05/2004 @ 13:10, Mike Hoffman

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03413-7

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	0.7	mg/kg	10	0.6	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	500.	15.		A01,R01
Arsenic	6.4	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	500	5.0		A01
Barium	180	mg/kg	1	0.082	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	10000	100.		A01
Beryllium	0.52	mg/kg	1	0.044	SW-6010	04/12/04	04/15/04	19:34	JCC	TJA61E	1.98	167-103043	0.11	75	0.75		A01,R01
Cadmium	1.3	mg/kg	1	0.096	SW-6010	04/12/04	04/15/04	19:34	JCC	TJA61E	1.98	167-103043	0.17	100	1.0		A01
Chromium	24	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	2500	5.0		A01
Cobalt	11	mg/kg	5	0.13	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	8000	80.		A01
Copper	28	mg/kg	2	1	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	2500	25.		A01
Lead	18	mg/kg	5	0.2	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	0.2	1000	5.0		A01
Mercury	None Detected	mg/kg	0.2	0.028	SW-7471	04/09/04	04/09/04	13:55	PAP	LDC1	1.04	166-100917	ND	20	0.2		
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	3500	350.		A01
Nickel	27	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	19:34	JCC	TJA61E	1.98	167-103043	0.18	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	500	5.0		A01
Thallium	1	mg/kg	10	0.8	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	700	7.0		A01,R01
Vanadium	50	mg/kg	1	0.11	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	2400.	24.		A01
Zinc	67	mg/kg	5	2.2	SW-6010	04/12/04	04/15/04	01:57	JCC	TJA61E	1.98	167-103043	ND	5000	250.		A01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OCSS-000-08-040504, 04/05/2004 @ 14:15, Mike Hoffman

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
R01	The sample result is between the MDL and PQL.

California DOHS Certification #1186

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-500-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03413-8

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	0.9	mg/kg	10	0.6	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	500.	15.		A01,R01
Arsenic	7.3	mg/kg	1	0.4	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	500	5.0		A01
Barium	190	mg/kg	1	0.081	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	10000	100.		A01
Beryllium	0.50	mg/kg	1	0.044	SW-6010	04/12/04	04/15/04	19:41	JCC	TJA61E	1.96	167-103043	0.11	75	0.75		A01,R01
Cadmium	1.4	mg/kg	1	0.095	SW-6010	04/12/04	04/15/04	19:41	JCC	TJA61E	1.96	167-103043	0.17	100	1.0		A01
Chromium	27	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	2500	5.0		A01
Cobalt	11	mg/kg	5	0.12	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	8000	80.		A01
Copper	29	mg/kg	2	1	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	2500	25.		A01
Lead	15	mg/kg	5	0.2	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	0.2	1000	5.0		A01
Mercury	None Detected	mg/kg	0.2	0.028	SW-7471	04/09/04	04/09/04	13:55	PAP	LDC1	1.04	166-100917	ND	20	0.2		
Molybdenum	3	mg/kg	5	3	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	3500	350.		A01,R01
Nickel	27	mg/kg	1	0.12	SW-6010	04/12/04	04/15/04	19:41	JCC	TJA61E	1.96	167-103043	0.18	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	500	5.0		A01
Thallium	2	mg/kg	10	0.8	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	700	7.0		A01,R01
Vanadium	55	mg/kg	1	0.11	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	2400.	24.		A01
Zinc	70	mg/kg	5	2.2	SW-6010	04/12/04	04/15/04	02:04	JCC	TJA61E	1.96	167-103043	ND	5000	250.		A01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OCSS-500-08-040504, 04/05/2004 @ 14:30, Mike Hoffman

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
R01	The sample result is between the MDL and PQL.

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 10:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-01-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-1

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			V11
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			V11
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	43	%	35-140	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			
Dibutyl chlorendate	42	%	36-149	8081	04/10/04	04/21/04	21:36	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OCSS-000-01-040504, 04/05/2004 @ 10:15, Mike Hoffman

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
Comments	
PQL's were raised due to matrix interference.	

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-02-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-2

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			V11
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			V11
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	48	%	35-140	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			
Dibutyl chlorendate	52	%	36-149	8081	04/10/04	04/21/04	22:02	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OCSS-000-02-040504, 04/05/2004 @ 11:00, Mike Hoffman

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
Comments	
PQL's were raised due to matrix interference.	

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-03-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-3

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			V11
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
4,4'-DDE	0.0010	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			V11
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	40	%	35-140	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			
Dibutyl chlorendate	40	%	36-149	8081	04/10/04	04/21/04	22:28	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OCSS-000-03-040504, 04/05/2004 @ 11:30, Mike Hoffman

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
Comments	
PQL's were raised due to matrix interference.	

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-05-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-4

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			V11
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
4,4'-DDE	0.0045	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			V11
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	77	%	35-140	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			
Dibutyl chlorendate	68	%	36-149	8081	04/10/04	04/21/04	22:54	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OCSS-000-05-040504, 04/05/2004 @ 12:15, Mike Hoffman

Flag	**Explanations**
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
Comments	
PQL's were raised due to matrix interference.	

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-06-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-5

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			V11
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			V11
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	55	%	35-140	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			
Dibutyl chlorendate	54	%	36-149	8081	04/10/04	04/21/04	23:20	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OCSS-000-06-040504, 04/05/2004 @ 12:45, Mike Hoffman

Flag	**Explanations**
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
Comments	
PQL's were raised due to matrix interference.	

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 13:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-07-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-6

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
4,4'-DDE	0.0047	mg/kg	0.005	0.0009	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
4,4'-DDT	0.012	mg/kg	0.005	0.0018	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			V11
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	78	%	35-140	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			
Dibutyl chlorendate	117	%	36-149	8081	04/10/04	04/22/04	01:04	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OCSS-000-07-040504, 04/05/2004 @ 13:10, Mike Hoffman

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
Comments	
PQL's were raised due to matrix interference.	

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-7

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			V11
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	47	%	0.005	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			
Dibutyl chlorendate	47	%	0.005	8081	04/10/04	04/22/04	01:30	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OCSS-000-08-040504, 04/05/2004 @ 14:15, Mike Hoffman

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
Comments	
PQL's were raised due to matrix interference.	

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-500-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-8

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			V11
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	43	%	35-140	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			
Dibutyl chlorendate	30	%	36-149	8081	04/10/04	04/21/04	01:56	SAM	GC-1	10			S09

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OCSS-500-08-040504, 04/05/2004 @ 14:30, Mike Hoffman

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
Comments	
PQL's were raised due to matrix interference.	

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 15:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-700-08-040504	**Sample Matrix**	Water
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-9

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	ug/L	0.005	0.0015	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
alpha-BHC	None Detected	ug/L	0.005	0.0008	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
beta-BHC	None Detected	ug/L	0.005	0.0011	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
delta-BHC	None Detected	ug/L	0.005	0.0008	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
gamma-BHC (Lindane)	None Detected	ug/L	0.005	0.0009	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Chlordane (Technical)	None Detected	ug/L	1.	0.42	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
4,4'-DDD	None Detected	ug/L	0.005	0.0011	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
4,4'-DDE	None Detected	ug/L	0.005	0.0009	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
4,4'-DDT	None Detected	ug/L	0.005	0.0017	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Dieldrin	None Detected	ug/L	0.005	0.0014	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Endosulfan I	None Detected	ug/L	0.005	0.0011	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			V01
Endosulfan II	None Detected	ug/L	0.005	0.0012	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Endosulfan sulfate	None Detected	ug/L	0.005	0.0011	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Endrin	None Detected	ug/L	0.005	0.0015	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Endrin aldehyde	None Detected	ug/L	0.01	0.0034	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Heptachlor	None Detected	ug/L	0.005	0.0006	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Heptachlor epoxide	None Detected	ug/L	0.005	0.0009	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			V01
Methoxychlor	None Detected	ug/L	0.01	0.0009	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Toxaphene	None Detected	ug/L	1.	0.36	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	64	%	57-127	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			
Dibutyl chlorendate	64	%	56-160	8081	04/10/04	04/17/04	23:40	SAM	GC-1	1			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OCSS-700-08-040504, 04/05/2004 @ 15:15, Mike Hoffman

Flag	Explanations
V01	The Initial Calibration Verification (ICV) recovery is not within established control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 10:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-01-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-1

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.02	0.0015	8082	04/09/04	04/13/04	05:03	SAM	GC-6	2			
PCB-1221	None Detected	mg/kg	0.02	0.0055	8082	04/09/04	04/13/04	05:03	SAM	GC-6	2			
PCB-1232	None Detected	mg/kg	0.02	0.0027	8082	04/09/04	04/13/04	05:03	SAM	GC-6	2			
PCB-1242	None Detected	mg/kg	0.02	0.0021	8082	04/09/04	04/13/04	05:03	SAM	GC-6	2			
PCB-1248	None Detected	mg/kg	0.02	0.0026	8082	04/09/04	04/13/04	05:03	SAM	GC-6	2			
PCB-1254	None Detected	mg/kg	0.02	0.0009	8082	04/09/04	04/13/04	05:03	SAM	GC-6	2			
PCB-1260	None Detected	mg/kg	0.02	0.0019	8082	04/09/04	04/13/04	05:03	SAM	GC-6	2			
Total PCB's (Summation)	None Detected	mg/kg	0.02	0.005	8082	04/09/04	04/13/04	05:03	SAM	GC-6	2			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	70	%	29-130	8082	04/09/04	04/13/04	05:03	SAM	GC-6	2			

Comments

PQL's and/or MDL's were raised due to inadequate sample size received.

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Attn: SHARON WALLIN

PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-02-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-2

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.02	0.0015	8082	04/09/04	04/13/04	05:28	SAM	GC-6	2			
PCB-1221	None Detected	mg/kg	0.02	0.0055	8082	04/09/04	04/13/04	05:28	SAM	GC-6	2			
PCB-1232	None Detected	mg/kg	0.02	0.0027	8082	04/09/04	04/13/04	05:28	SAM	GC-6	2			
PCB-1242	None Detected	mg/kg	0.02	0.0021	8082	04/09/04	04/13/04	05:28	SAM	GC-6	2			
PCB-1248	None Detected	mg/kg	0.02	0.0026	8082	04/09/04	04/13/04	05:28	SAM	GC-6	2			
PCB-1254	None Detected	mg/kg	0.02	0.0009	8082	04/09/04	04/13/04	05:28	SAM	GC-6	2			
PCB-1260	None Detected	mg/kg	0.02	0.0019	8082	04/09/04	04/13/04	05:28	SAM	GC-6	2			
Total PCB's (Summation)	None Detected	mg/kg	0.02	0.005	8082	04/09/04	04/13/04	05:28	SAM	GC-6	2			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	61	%	29-130	8082	04/09/04	04/13/04	05:28	SAM	GC-6	2			

Comments

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-03-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-3

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.02	0.0015	8082	04/09/04	04/13/04	05:53	SAM	GC-6	2			
PCB-1221	None Detected	mg/kg	0.02	0.0055	8082	04/09/04	04/13/04	05:53	SAM	GC-6	2			
PCB-1232	None Detected	mg/kg	0.02	0.0027	8082	04/09/04	04/13/04	05:53	SAM	GC-6	2			
PCB-1242	None Detected	mg/kg	0.02	0.0021	8082	04/09/04	04/13/04	05:53	SAM	GC-6	2			
PCB-1248	None Detected	mg/kg	0.02	0.0026	8082	04/09/04	04/13/04	05:53	SAM	GC-6	2			
PCB-1254	None Detected	mg/kg	0.02	0.0009	8082	04/09/04	04/13/04	05:53	SAM	GC-6	2			
PCB-1260	None Detected	mg/kg	0.02	0.0019	8082	04/09/04	04/13/04	05:53	SAM	GC-6	2			
Total PCB's (Summation)	None Detected	mg/kg	0.02	0.005	8082	04/09/04	04/13/04	05:53	SAM	GC-6	2			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	52	%	29-130	8082	04/09/04	04/13/04	05:53	SAM	GC-6	2			

Comments

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-05-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-4

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.02	0.0015	8082	04/09/04	04/13/04	06:18	SAM	GC-6	2			
PCB-1221	None Detected	mg/kg	0.02	0.0055	8082	04/09/04	04/13/04	06:18	SAM	GC-6	2			
PCB-1232	None Detected	mg/kg	0.02	0.0027	8082	04/09/04	04/13/04	06:18	SAM	GC-6	2			
PCB-1242	None Detected	mg/kg	0.02	0.0021	8082	04/09/04	04/13/04	06:18	SAM	GC-6	2			
PCB-1248	None Detected	mg/kg	0.02	0.0026	8082	04/09/04	04/13/04	06:18	SAM	GC-6	2			
PCB-1254	None Detected	mg/kg	0.02	0.0009	8082	04/09/04	04/13/04	06:18	SAM	GC-6	2			
PCB-1260	None Detected	mg/kg	0.02	0.0019	8082	04/09/04	04/13/04	06:18	SAM	GC-6	2			
Total PCB's (Summation)	None Detected	mg/kg	0.02	0.005	8082	04/09/04	04/13/04	06:18	SAM	GC-6	2			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	63	%	29-130	8082	04/09/04	04/13/04	06:18	SAM	GC-6	2			

Comments

PQL's and/or MDL's were raised due to inadequate sample size received.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-06-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-5

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.02	0.0015	8082	04/09/04	04/13/04	06:43	SAM	GC-6	2			
PCB-1221	None Detected	mg/kg	0.02	0.0055	8082	04/09/04	04/13/04	06:43	SAM	GC-6	2			
PCB-1232	None Detected	mg/kg	0.02	0.0027	8082	04/09/04	04/13/04	06:43	SAM	GC-6	2			
PCB-1242	None Detected	mg/kg	0.02	0.0021	8082	04/09/04	04/13/04	06:43	SAM	GC-6	2			
PCB-1248	None Detected	mg/kg	0.02	0.0026	8082	04/09/04	04/13/04	06:43	SAM	GC-6	2			
PCB-1254	None Detected	mg/kg	0.02	0.0009	8082	04/09/04	04/13/04	06:43	SAM	GC-6	2			
PCB-1260	None Detected	mg/kg	0.02	0.0019	8082	04/09/04	04/13/04	06:43	SAM	GC-6	2			
Total PCB's (Summation)	None Detected	mg/kg	0.02	0.005	8082	04/09/04	04/13/04	06:43	SAM	GC-6	2			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	35	%	29-130	8082	04/09/04	04/13/04	06:43	SAM	GC-6	2			

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 13:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-07-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-6

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.02	0.0015	8082	04/09/04	04/13/04	07:07	SAM	GC-6	2			
PCB-1221	None Detected	mg/kg	0.02	0.0055	8082	04/09/04	04/13/04	07:07	SAM	GC-6	2			
PCB-1232	None Detected	mg/kg	0.02	0.0027	8082	04/09/04	04/13/04	07:07	SAM	GC-6	2			
PCB-1242	None Detected	mg/kg	0.02	0.0021	8082	04/09/04	04/13/04	07:07	SAM	GC-6	2			
PCB-1248	None Detected	mg/kg	0.02	0.0026	8082	04/09/04	04/13/04	07:07	SAM	GC-6	2			
PCB-1254	None Detected	mg/kg	0.02	0.0009	8082	04/09/04	04/13/04	07:07	SAM	GC-6	2			
PCB-1260	None Detected	mg/kg	0.02	0.0019	8082	04/09/04	04/13/04	07:07	SAM	GC-6	2			
Total PCB's (Summation)	None Detected	mg/kg	0.02	0.005	8082	04/09/04	04/13/04	07:07	SAM	GC-6	2			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	23	%	29-130	8082	04/09/04	04/13/04	07:07	SAM	GC-6	2			S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.

Comments

PQL's and/or MDL's were raised due to inadequate sample size received.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-7

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.02	0.0015	8082	04/09/04	04/13/04	00:30	SAM	GC-6	2			
PCB-1221	None Detected	mg/kg	0.02	0.0055	8082	04/09/04	04/13/04	00:30	SAM	GC-6	2			
PCB-1232	None Detected	mg/kg	0.02	0.0027	8082	04/09/04	04/13/04	00:30	SAM	GC-6	2			
PCB-1242	None Detected	mg/kg	0.02	0.0021	8082	04/09/04	04/13/04	00:30	SAM	GC-6	2			
PCB-1248	None Detected	mg/kg	0.02	0.0026	8082	04/09/04	04/13/04	00:30	SAM	GC-6	2			
PCB-1254	None Detected	mg/kg	0.02	0.0009	8082	04/09/04	04/13/04	00:30	SAM	GC-6	2			
PCB-1260	None Detected	mg/kg	0.02	0.0019	8082	04/09/04	04/13/04	00:30	SAM	GC-6	2			
Total PCB's (Summation)	None Detected	mg/kg	0.02	0.005	8082	04/09/04	04/13/04	00:30	SAM	GC-6	2			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	50	%	29-130	8082	04/09/04	04/13/04	00:30	SAM	GC-6	2			

Comments
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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-500-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-8

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.02	0.0015	8082	04/09/04	04/13/04	00:55	SAM	GC-6	2			
PCB-1221	None Detected	mg/kg	0.02	0.0055	8082	04/09/04	04/13/04	00:55	SAM	GC-6	2			
PCB-1232	None Detected	mg/kg	0.02	0.0027	8082	04/09/04	04/13/04	00:55	SAM	GC-6	2			
PCB-1242	None Detected	mg/kg	0.02	0.0021	8082	04/09/04	04/13/04	00:55	SAM	GC-6	2			
PCB-1248	None Detected	mg/kg	0.02	0.0026	8082	04/09/04	04/13/04	00:55	SAM	GC-6	2			
PCB-1254	None Detected	mg/kg	0.02	0.0009	8082	04/09/04	04/13/04	00:55	SAM	GC-6	2			
PCB-1260	None Detected	mg/kg	0.02	0.0019	8082	04/09/04	04/13/04	00:55	SAM	GC-6	2			
Total PCB's (Summation)	None Detected	mg/kg	0.02	0.005	8082	04/09/04	04/13/04	00:55	SAM	GC-6	2			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	30	%	29-130	8082	04/09/04	04/13/04	00:55	SAM	GC-6	2			

Comments

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 15:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-700-08-040504	**Sample Matrix**	Water
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-9

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	ug/L	0.2	0.024	8082	04/09/04	04/12/04	19:32	SAM	GC-6	1			
PCB-1221	None Detected	ug/L	0.2	0.089	8082	04/09/04	04/12/04	19:32	SAM	GC-6	1			
PCB-1232	None Detected	ug/L	0.2	0.09	8082	04/09/04	04/12/04	19:32	SAM	GC-6	1			
PCB-1242	None Detected	ug/L	0.2	0.095	8082	04/09/04	04/12/04	19:32	SAM	GC-6	1			
PCB-1248	None Detected	ug/L	0.2	0.025	8082	04/09/04	04/12/04	19:32	SAM	GC-6	1			
PCB-1254	None Detected	ug/L	0.2	0.042	8082	04/09/04	04/12/04	19:32	SAM	GC-6	1			
PCB-1260	None Detected	ug/L	0.2	0.079	8082	04/09/04	04/12/04	19:32	SAM	GC-6	1			
Total PCB's (Summation)	None Detected	ug/L	0.2	0.1	8082	04/09/04	04/12/04	19:32	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	26	%	42-144	8082	04/09/04	04/12/04	19:32	SAM	GC-6	1			S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 10:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-01-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-1

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	4	0.33	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Acenaphthylene	None Detected	mg/kg	8	0.35	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Aldrin	None Detected	mg/kg	4	0.48	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Aniline	None Detected	mg/kg	8	1.1	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
Anthracene	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Benzidine	None Detected	mg/kg	200	0.036	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	C02
Benzo[a]anthracene	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Benzo[b]fluoranthene	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Benzo[k]fluoranthene	None Detected	mg/kg	4	0.49	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Benzo[a]pyrene	None Detected	mg/kg	4	0.41	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Benzo[g,h,i]perylene	None Detected	mg/kg	4	0.65	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Benzoic acid	None Detected	mg/kg	20	0.41	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
Benzyl alcohol	None Detected	mg/kg	4	0.46	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
Benzyl butyl phthalate	1.9	mg/kg	4	0.39	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	R01,S08
alpha-BHC	None Detected	mg/kg	4	0.41	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
beta-BHC	None Detected	mg/kg	4	0.34	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
delta-BHC	None Detected	mg/kg	4	0.35	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	4	0.35	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
bis(2-Chloroethoxy)methane	None Detected	mg/kg	4	0.37	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	4	0.42	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	8	0.83	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
4-Bromophenyl phenyl ether	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-01-040504, 04/05/2004 @ 10:15, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	None Detected	mg/kg	4	0.47	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
2-Chloronaphthalene	None Detected	mg/kg	4	0.34	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	8	0.39	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Chrysene	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
4,4'-DDD	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
4,4'-DDE	None Detected	mg/kg	4	1.2	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
4,4'-DDT	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Dibenzo[a,h]anthracene	None Detected	mg/kg	4	0.67	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Dibenzofuran	None Detected	mg/kg	4	0.32	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Di-n-butyl phthalate	None Detected	mg/kg	4	0.43	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
1,3-Dichlorobenzene	None Detected	mg/kg	4	0.41	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
1,4-Dichlorobenzene	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
3,3-Dichlorobenzidine	None Detected	mg/kg	8	0.24	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Dieldrin	None Detected	mg/kg	4	1.4	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Diethyl phthalate	None Detected	mg/kg	4	0.62	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	2.6	
Dimethyl phthalate	None Detected	mg/kg	4	0.34	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	4	0.47	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Di-n-octyl phthalate	None Detected	mg/kg	4	0.51	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
1,2-Diphenylhydrazine	None Detected	mg/kg	4	0.27	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Endosulfan I	None Detected	mg/kg	8	0.58	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Endosulfan II	None Detected	mg/kg	8	0.47	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Endosulfan sulfate	None Detected	mg/kg	4	0.47	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Endrin	None Detected	mg/kg	8	0.55	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Endrin aldehyde	None Detected	mg/kg	20	0.62	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Fluoranthene	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Fluorene	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Heptachlor	None Detected	mg/kg	4	0.49	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Heptachlor epoxide	None Detected	mg/kg	4	0.55	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Hexachlorobenzene	None Detected	mg/kg	4	0.44	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Hexachlorobutadiene	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	V11
Hexachloroethane	None Detected	mg/kg	4	0.43	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-01-040504, 04/05/2004 @ 10:15, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	4	0.48	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
Isophorone	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
2-Methylnaphthalene	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Naphthalene	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
2-Naphthylamine	None Detected	mg/kg	200	2.4	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
2-Nitroaniline	None Detected	mg/kg	4	0.41	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
3-Nitroaniline	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
4-Nitroaniline	None Detected	mg/kg	8	0.3	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Nitrobenzene	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
N-Nitrosodimethylamine	None Detected	mg/kg	4	0.52	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
N-Nitrosodiphenylamine	None Detected	mg/kg	4	0.37	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
Phenanthrene	None Detected	mg/kg	4	0.37	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Pyrene	None Detected	mg/kg	4	0.37	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S08
1,2,4-Trichlorobenzene	None Detected	mg/kg	4	0.35	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
4-Chloro-3-methylphenol	None Detected	mg/kg	8	0.32	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
2-Chlorophenol	None Detected	mg/kg	4	0.34	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
2,4-Dichlorophenol	None Detected	mg/kg	4	0.3	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
2,4-Dimethylphenol	None Detected	mg/kg	4	0.51	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
2,4-Dinitrophenol	None Detected	mg/kg	20	0.69	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	20	0.56	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	V11
2-Methylphenol	None Detected	mg/kg	4	0.35	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
3- & 4-Methylphenol	None Detected	mg/kg	4	0.7	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
2-Nitrophenol	None Detected	mg/kg	4	0.52	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
4-Nitrophenol	None Detected	mg/kg	8	0.53	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Pentachlorophenol	None Detected	mg/kg	8	0.31	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
Phenol	None Detected	mg/kg	4	0.41	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	S09
2,4,5-Trichlorophenol	None Detected	mg/kg	8	0.37	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	8	0.3	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662	ND	

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	119	%	25-121	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662		
Phenol-d5	115	%	24-113	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662		S09
Nitrobenzene-d5	122	%	23-120	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662		S09

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-01-040504, 04/05/2004 @ 10:15, Mike Hoffman

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorobiphenyl	111	%	30-115	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662		
2,4,6-Tribromophenol	121	%	19-122	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662		
p-Terphenyl-d14	136	%	18-137	8270	04/08/04	04/14/04	16:57	SKC	MS-B2	35.9	290-100662		S01,S08

Flag	Explanations
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit.
R01	The sample result is between the MDL and PQL.
S01	Sample result is not within the quantitation range of the method.
S08	The internal standard on the sample was not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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BC Laboratories, Inc

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-02-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-2

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	4	0.33	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Acenaphthylene	None Detected	mg/kg	8	0.34	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Aldrin	None Detected	mg/kg	4	0.48	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Aniline	None Detected	mg/kg	8	1.1	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Anthracene	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Benzidine	None Detected	mg/kg	200	0.036	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	c02
Benzo[a]anthracene	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	s08
Benzo[b]fluoranthene	None Detected	mg/kg	4	0.35	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	s08
Benzo[k]fluoranthene	None Detected	mg/kg	4	0.49	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	s08
Benzo[a]pyrene	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	s08
Benzo[g,h,i]perylene	None Detected	mg/kg	4	0.65	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	s08
Benzoic acid	None Detected	mg/kg	20	0.4	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Benzyl alcohol	None Detected	mg/kg	4	0.46	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Benzyl butyl phthalate	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	s08
alpha-BHC	None Detected	mg/kg	4	0.41	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
beta-BHC	None Detected	mg/kg	4	0.34	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
delta-BHC	None Detected	mg/kg	4	0.34	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	4	0.35	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	4	0.37	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	4	0.42	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	8	0.82	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	s08
4-Bromophenyl phenyl ether	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-02-040504, 04/05/2004 @ 11:00, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	None Detected	mg/kg	4	0.47	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2-Chloronaphthalene	None Detected	mg/kg	4	0.33	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	8	0.38	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Chrysene	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
4,4'-DDD	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
4,4'-DDE	None Detected	mg/kg	4	1.2	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
4,4'-DDT	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Dibenzo[a,h]anthracene	None Detected	mg/kg	4	0.67	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Dibenzofuran	None Detected	mg/kg	4	0.32	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Di-n-butyl phthalate	None Detected	mg/kg	4	0.43	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	4	0.41	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	8	0.24	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Dieldrin	None Detected	mg/kg	4	1.4	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Diethyl phthalate	None Detected	mg/kg	4	0.62	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	2.6	
Dimethyl phthalate	None Detected	mg/kg	4	0.33	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	4	0.47	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Di-n-octyl phthalate	None Detected	mg/kg	4	0.51	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
1,2-Diphenylhydrazine	None Detected	mg/kg	4	0.27	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Endosulfan I	None Detected	mg/kg	8	0.58	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Endosulfan II	None Detected	mg/kg	8	0.47	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Endosulfan sulfate	None Detected	mg/kg	4	0.47	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Endrin	None Detected	mg/kg	8	0.55	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Endrin aldehyde	None Detected	mg/kg	20	0.62	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Fluoranthene	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Fluorene	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Heptachlor	None Detected	mg/kg	4	0.49	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Heptachlor epoxide	None Detected	mg/kg	4	0.54	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Hexachlorobenzene	None Detected	mg/kg	4	0.44	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Hexachlorobutadiene	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	V11
Hexachloroethane	None Detected	mg/kg	4	0.43	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-02-040504, 04/05/2004 @ 11:00, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	4	0.48	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
Isophorone	None Detected	mg/kg	4	0.35	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2-Methylnaphthalene	None Detected	mg/kg	4	0.39	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Naphthalene	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2-Naphthylamine	None Detected	mg/kg	200	2.4	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2-Nitroaniline	None Detected	mg/kg	4	0.41	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
3-Nitroaniline	None Detected	mg/kg	4	0.38	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
4-Nitroaniline	None Detected	mg/kg	8	0.3	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Nitrobenzene	None Detected	mg/kg	4	0.36	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	4	0.52	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	4	0.37	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Phenanthrene	None Detected	mg/kg	4	0.37	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Pyrene	None Detected	mg/kg	4	0.37	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	S08
1,2,4-Trichlorobenzene	None Detected	mg/kg	4	0.35	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	8	0.32	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2-Chlorophenol	None Detected	mg/kg	4	0.33	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2,4-Dichlorophenol	None Detected	mg/kg	4	0.29	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2,4-Dimethylphenol	None Detected	mg/kg	4	0.51	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2,4-Dinitrophenol	None Detected	mg/kg	20	0.68	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	20	0.56	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	V11
2-Methylphenol	None Detected	mg/kg	4	0.35	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
3- & 4-Methylphenol	None Detected	mg/kg	4	0.7	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2-Nitrophenol	None Detected	mg/kg	4	0.52	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
4-Nitrophenol	None Detected	mg/kg	8	0.53	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Pentachlorophenol	None Detected	mg/kg	8	0.3	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
Phenol	None Detected	mg/kg	4	0.4	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	8	0.37	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	8	0.3	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662	ND	

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	103	%	25-121	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662		
Phenol-d5	98	%	24-113	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662		
Nitrobenzene-d5	99	%	23-120	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662		

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-02-040504, 04/05/2004 @ 11:00, Mike Hoffman

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorobiphenyl	95	%	30-115	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662		
2,4,6-Tribromophenol	100	%	19-122	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662		
p-Terphenyl-d14	112	%	18-137	8270	04/08/04	04/14/04	17:39	SKC	MS-B2	35.7	290-100662		S08

Flag	Explanations
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit.
S08	The internal standard on the sample was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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BC Laboratories, Inc

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-03-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-3

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Acenaphthylene	None Detected	mg/kg	0.3	0.014	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Aldrin	None Detected	mg/kg	0.2	0.02	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Aniline	None Detected	mg/kg	0.3	0.042	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Anthracene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Benzidine	None Detected	mg/kg	5	0.0015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Benzo[b]fluoranthene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Benzo[k]fluoranthene	None Detected	mg/kg	0.2	0.02	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Benzo[a]pyrene	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Benzo[g,h,i]perylene	None Detected	mg/kg	0.2	0.027	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	V11
Benzoic acid	None Detected	mg/kg	0.8	0.017	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
alpha-BHC	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
beta-BHC	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
delta-BHC	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	0.3	0.034	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-03-040504, 04/05/2004 @ 11:30, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.3	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Chrysene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
4,4'-DDD	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
4,4'-DDE	None Detected	mg/kg	0.2	0.049	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
4,4'-DDT	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.2	0.027	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	V11
Dibenzofuran	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.3	0.0095	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Dieldrin	None Detected	mg/kg	0.2	0.057	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Diethyl phthalate	None Detected	mg/kg	0.2	0.025	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	0.11	
Dimethyl phthalate	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.2	0.021	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
1,2-Diphenylhydrazine	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Endosulfan I	None Detected	mg/kg	0.3	0.024	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Endosulfan II	None Detected	mg/kg	0.3	0.019	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Endosulfan sulfate	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Endrin	None Detected	mg/kg	0.3	0.023	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Endrin aldehyde	None Detected	mg/kg	0.8	0.025	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Fluoranthene	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Fluorene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Heptachlor	None Detected	mg/kg	0.2	0.02	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Heptachlor epoxide	None Detected	mg/kg	0.2	0.022	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Hexachlorobenzene	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	V11
Hexachloroethane	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-03-040504, 04/05/2004 @ 11:30, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.2	0.02	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	V11
Isophorone	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Naphthalene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2-Naphthylamine	None Detected	mg/kg	5	0.095	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2-Nitroaniline	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
3-Nitroaniline	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
4-Nitroaniline	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	V11
Nitrobenzene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.2	0.021	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Phenanthrene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Pyrene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2-Chlorophenol	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.2	0.021	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.8	0.028	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.8	0.023	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2-Methylphenol	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.2	0.029	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2-Nitrophenol	None Detected	mg/kg	0.2	0.021	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
4-Nitrophenol	None Detected	mg/kg	0.3	0.022	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
Phenol	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.3	0.015	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662	ND	

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	72	%	25-121	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662		
Phenol-d5	78	%	24-113	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662		
Nitrobenzene-d5	71	%	23-120	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662		

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-03-040504, 04/05/2004 @ 11:30, Mike Hoffman

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorobiphenyl	73	%	30-115	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662		
2,4,6-Tribromophenol	99	%	19-122	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662		
p-Terphenyl-d14	95	%	18-137	8270	04/08/04	04/13/04	00:01	SKC	MS-B2	1.45	290-100662		

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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BC Laboratories, Inc

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-05-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-4

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Acenaphthylene	None Detected	mg/kg	0.3	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Aldrin	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Aniline	None Detected	mg/kg	0.3	0.035	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Anthracene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Benzidine	None Detected	mg/kg	4	0.0013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Benzo[b]fluoranthene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Benzo[k]fluoranthene	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Benzo[a]pyrene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Benzo[g,h,i]perylene	None Detected	mg/kg	0.2	0.023	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	V11
Benzoic acid	None Detected	mg/kg	0.7	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
alpha-BHC	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
beta-BHC	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
delta-BHC	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	0.3	0.029	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-05-040504, 04/05/2004 @ 12:15, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.3	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Chrysene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
4,4'-DDD	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
4,4'-DDE	None Detected	mg/kg	0.2	0.041	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
4,4'-DDT	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.2	0.023	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	V11
Dibenzofuran	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.3	0.0080	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Dieldrin	None Detected	mg/kg	0.2	0.048	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Diethyl phthalate	None Detected	mg/kg	0.2	0.021	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	0.09	
Dimethyl phthalate	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
1,2-Diphenylhydrazine	None Detected	mg/kg	0.2	0.0092	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Endosulfan I	None Detected	mg/kg	0.3	0.02	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Endosulfan II	None Detected	mg/kg	0.3	0.016	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Endosulfan sulfate	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Endrin	None Detected	mg/kg	0.3	0.019	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Endrin aldehyde	None Detected	mg/kg	0.7	0.021	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Fluoranthene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Fluorene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Heptachlor	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Heptachlor epoxide	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Hexachlorobenzene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	V11
Hexachloroethane	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-05-040504, 04/05/2004 @ 12:15, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	V11
Isophorone	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Naphthalene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2-Naphthylamine	None Detected	mg/kg	4	0.08	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2-Nitroaniline	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
3-Nitroaniline	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
4-Nitroaniline	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	V11
Nitrobenzene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Phenanthrene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Pyrene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2-Chlorophenol	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.2	0.01	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.7	0.024	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.7	0.02	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2-Methylphenol	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.2	0.024	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2-Nitrophenol	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
4-Nitrophenol	None Detected	mg/kg	0.3	0.019	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
Phenol	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662	ND	

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	81	%	25-121	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662		
Phenol-d5	83	%	24-113	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662		
Nitrobenzene-d5	79	%	23-120	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662		

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-05-040504, 04/05/2004 @ 12:15, Mike Hoffman

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorobiphenyl	82	%	30-115	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662		
2,4,6-Tribromophenol	98	%	19-122	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662		
p-Terphenyl-d14	97	%	18-137	8270	04/08/04	04/13/04	00:43	SKC	MS-B2	1.23	290-100662		

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's and/or MDL's were raised due to inadequate sample size received.

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-06-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-5

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	7	0.61	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Acenaphthylene	None Detected	mg/kg	20	0.64	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Aldrin	None Detected	mg/kg	7	0.9	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Aniline	None Detected	mg/kg	20	2	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Anthracene	None Detected	mg/kg	7	0.74	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Benzidine	None Detected	mg/kg	300	0.067	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	c02
Benzo[a]anthracene	None Detected	mg/kg	7	0.7	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	s08
Benzo[b]fluoranthene	None Detected	mg/kg	7	0.66	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	s08
Benzo[k]fluoranthene	None Detected	mg/kg	7	0.92	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	s08
Benzo[a]pyrene	None Detected	mg/kg	7	0.75	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	s08
Benzo[g,h,i]perylene	None Detected	mg/kg	7	1.3	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	s08
Benzoic acid	None Detected	mg/kg	40	0.75	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Benzyl alcohol	None Detected	mg/kg	7	0.86	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Benzyl butyl phthalate	None Detected	mg/kg	7	0.73	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	s08
alpha-BHC	None Detected	mg/kg	7	0.76	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
beta-BHC	None Detected	mg/kg	7	0.63	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
delta-BHC	None Detected	mg/kg	7	0.64	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	7	0.65	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	7	0.72	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	7	0.68	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	7	0.78	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	20	1.6	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	s08
4-Bromophenyl phenyl ether	None Detected	mg/kg	7	0.7	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-06-040504, 04/05/2004 @ 12:45, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	None Detected	mg/kg	7	0.87	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2-Chloronaphthalene	None Detected	mg/kg	7	0.62	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	20	0.71	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Chrysene	None Detected	mg/kg	7	0.72	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
4,4'-DDD	None Detected	mg/kg	7	0.67	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
4,4'-DDE	None Detected	mg/kg	7	2.3	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
4,4'-DDT	None Detected	mg/kg	7	0.74	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Dibenzo[a,h]anthracene	None Detected	mg/kg	7	1.3	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Dibenzofuran	None Detected	mg/kg	7	0.59	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Di-n-butyl phthalate	None Detected	mg/kg	7	0.8	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	7	0.7	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	7	0.76	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	7	0.7	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	20	0.44	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Dieldrin	None Detected	mg/kg	7	2.7	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Diethyl phthalate	None Detected	mg/kg	7	1.2	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	4.9	
Dimethyl phthalate	None Detected	mg/kg	7	0.62	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	7	0.87	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	7	0.73	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Di-n-octyl phthalate	None Detected	mg/kg	7	0.96	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
1,2-Diphenylhydrazine	None Detected	mg/kg	7	0.51	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Endosulfan I	None Detected	mg/kg	20	1.1	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Endosulfan II	None Detected	mg/kg	20	0.87	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Endosulfan sulfate	None Detected	mg/kg	7	0.88	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Endrin	None Detected	mg/kg	20	1.1	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Endrin aldehyde	None Detected	mg/kg	40	1.2	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Fluoranthene	None Detected	mg/kg	7	0.75	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Fluorene	None Detected	mg/kg	7	0.67	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Heptachlor	None Detected	mg/kg	7	0.91	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Heptachlor epoxide	None Detected	mg/kg	7	1.1	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Hexachlorobenzene	None Detected	mg/kg	7	0.82	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Hexachlorobutadiene	None Detected	mg/kg	7	0.73	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	7	0.73	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	V11
Hexachloroethane	None Detected	mg/kg	7	0.8	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-06-040504, 04/05/2004 @ 12:45, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	7	0.89	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
Isophorone	None Detected	mg/kg	7	0.66	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2-Methylnaphthalene	None Detected	mg/kg	7	0.72	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Naphthalene	None Detected	mg/kg	7	0.67	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2-Naphthylamine	None Detected	mg/kg	300	4.4	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2-Nitroaniline	None Detected	mg/kg	7	0.76	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
3-Nitroaniline	None Detected	mg/kg	7	0.71	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
4-Nitroaniline	None Detected	mg/kg	20	0.56	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Nitrobenzene	None Detected	mg/kg	7	0.67	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	7	0.97	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	7	0.68	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	7	0.74	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Phenanthrene	None Detected	mg/kg	7	0.69	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Pyrene	None Detected	mg/kg	7	0.68	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	S08
1,2,4-Trichlorobenzene	None Detected	mg/kg	7	0.65	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	20	0.6	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2-Chlorophenol	None Detected	mg/kg	7	0.62	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2,4-Dichlorophenol	None Detected	mg/kg	7	0.55	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2,4-Dimethylphenol	None Detected	mg/kg	7	0.96	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2,4-Dinitrophenol	None Detected	mg/kg	40	1.3	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	40	1.1	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	V11
2-Methylphenol	None Detected	mg/kg	7	0.65	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
3- & 4-Methylphenol	None Detected	mg/kg	7	1.3	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2-Nitrophenol	None Detected	mg/kg	7	0.97	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
4-Nitrophenol	None Detected	mg/kg	20	0.99	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Pentachlorophenol	None Detected	mg/kg	20	0.57	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
Phenol	None Detected	mg/kg	7	0.75	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	20	0.68	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	20	0.56	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662	ND	

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	96	%	25-121	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662		
Phenol-d5	103	%	24-113	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662		
Nitrobenzene-d5	89	%	23-120	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662		

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-06-040504, 04/05/2004 @ 12:45, Mike Hoffman

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorobiphenyl	90	%	30-115	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662		
2,4,6-Tribromophenol	67	%	19-122	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662		
p-Terphenyl-d14	105	%	18-137	8270	04/08/04	04/14/04	19:05	SKC	MS-B2	67	290-100662		S08

Flag	Explanations
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit.
S08	The internal standard on the sample was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 13:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-07-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-6

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	8	0.66	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Acenaphthylene	None Detected	mg/kg	20	0.69	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Aldrin	None Detected	mg/kg	8	0.97	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Aniline	None Detected	mg/kg	20	2.1	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Anthracene	None Detected	mg/kg	8	0.8	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Benzidine	None Detected	mg/kg	300	0.073	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	C02,S08
Benzo[a]anthracene	None Detected	mg/kg	8	0.76	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Benzo[b]fluoranthene	None Detected	mg/kg	8	0.72	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Benzo[k]fluoranthene	None Detected	mg/kg	8	0.99	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Benzo[a]pyrene	None Detected	mg/kg	8	0.82	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Benzo[g,h,i]perylene	None Detected	mg/kg	8	1.4	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Benzoic acid	None Detected	mg/kg	40	0.82	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Benzyl alcohol	None Detected	mg/kg	8	0.93	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Benzyl butyl phthalate	None Detected	mg/kg	8	0.79	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
alpha-BHC	None Detected	mg/kg	8	0.82	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
beta-BHC	None Detected	mg/kg	8	0.68	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
delta-BHC	None Detected	mg/kg	8	0.69	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
gamma-BHC (Lindane)	None Detected	mg/kg	8	0.7	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
bis(2-Chloroethyl) ether	None Detected	mg/kg	8	0.78	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	8	0.74	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	8	0.85	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	20	1.7	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
4-Bromophenyl phenyl ether	None Detected	mg/kg	8	0.76	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-07-040504, 04/05/2004 @ 13:10, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	None Detected	mg/kg	8	0.94	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2-Chloronaphthalene	None Detected	mg/kg	8	0.67	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	20	0.77	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Chrysene	None Detected	mg/kg	8	0.78	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
4,4'-DDD	None Detected	mg/kg	8	0.73	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
4,4'-DDE	None Detected	mg/kg	8	2.5	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
4,4'-DDT	None Detected	mg/kg	8	0.8	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Dibenzo[a,h]anthracene	None Detected	mg/kg	8	1.4	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Dibenzofuran	None Detected	mg/kg	8	0.64	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Di-n-butyl phthalate	None Detected	mg/kg	8	0.86	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
1,2-Dichlorobenzene	None Detected	mg/kg	8	0.76	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	8	0.82	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	8	0.76	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	20	0.48	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Dieldrin	None Detected	mg/kg	8	2.9	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Diethyl phthalate	None Detected	mg/kg	8	1.3	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	5.3	
Dimethyl phthalate	None Detected	mg/kg	8	0.67	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	8	0.94	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	8	0.79	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Di-n-octyl phthalate	None Detected	mg/kg	8	1.1	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
1,2-Diphenylhydrazine	None Detected	mg/kg	8	0.55	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Endosulfan I	None Detected	mg/kg	20	1.2	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Endosulfan II	None Detected	mg/kg	20	0.94	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Endosulfan sulfate	None Detected	mg/kg	8	0.95	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Endrin	None Detected	mg/kg	20	1.2	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Endrin aldehyde	None Detected	mg/kg	40	1.3	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Fluoranthene	None Detected	mg/kg	8	0.81	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Fluorene	None Detected	mg/kg	8	0.72	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Heptachlor	None Detected	mg/kg	8	0.98	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Heptachlor epoxide	None Detected	mg/kg	8	1.1	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Hexachlorobenzene	None Detected	mg/kg	8	0.89	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	s08
Hexachlorobutadiene	None Detected	mg/kg	8	0.79	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	8	0.79	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	V11
Hexachloroethane	None Detected	mg/kg	8	0.86	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-07-040504, 04/05/2004 @ 13:10, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	8	0.96	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Isophorone	None Detected	mg/kg	8	0.72	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2-Methylnaphthalene	None Detected	mg/kg	8	0.78	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Naphthalene	None Detected	mg/kg	8	0.73	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2-Naphthylamine	None Detected	mg/kg	300	4.8	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2-Nitroaniline	None Detected	mg/kg	8	0.82	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
3-Nitroaniline	None Detected	mg/kg	8	0.77	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
4-Nitroaniline	None Detected	mg/kg	20	0.61	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Nitrobenzene	None Detected	mg/kg	8	0.72	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	8	1.1	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	8	0.74	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	8	0.8	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Phenanthrene	None Detected	mg/kg	8	0.74	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Pyrene	None Detected	mg/kg	8	0.74	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
1,2,4-Trichlorobenzene	None Detected	mg/kg	8	0.71	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	20	0.65	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2-Chlorophenol	None Detected	mg/kg	8	0.67	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2,4-Dichlorophenol	None Detected	mg/kg	8	0.59	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2,4-Dimethylphenol	None Detected	mg/kg	8	1.1	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2,4-Dinitrophenol	None Detected	mg/kg	40	1.4	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	40	1.2	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	V11
2-Methylphenol	None Detected	mg/kg	8	0.7	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
3- & 4-Methylphenol	None Detected	mg/kg	8	1.5	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2-Nitrophenol	None Detected	mg/kg	8	1.1	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
4-Nitrophenol	None Detected	mg/kg	20	1.1	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
Pentachlorophenol	None Detected	mg/kg	20	0.61	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	S08
Phenol	None Detected	mg/kg	8	0.82	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	20	0.74	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	20	0.61	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662	ND	

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	81	%	25-121	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662		
Phenol-d5	86	%	24-113	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662		
Nitrobenzene-d5	81	%	23-120	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662		

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-07-040504, 04/05/2004 @ 13:10, Mike Hoffman

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorobiphenyl	80	%	30-115	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662		
2,4,6-Tribromophenol	57	%	19-122	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662		S08
p-Terphenyl-d14	82	%	18-137	8270	04/08/04	04/14/04	18:22	SKC	MS-B2	72.5	290-100662		S08

Flag	Explanations
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit.
S08	The internal standard on the sample was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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BC Laboratories, Inc

CAMP DRESSER
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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-7

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Acenaphthylene	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Aldrin	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Aniline	None Detected	mg/kg	0.3	0.039	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Anthracene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Benzidine	None Detected	mg/kg	5	0.0014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Benzo[b]fluoranthene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Benzo[k]fluoranthene	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Benzo[a]pyrene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Benzo[g,h,i]perylene	None Detected	mg/kg	0.2	0.025	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	V11
Benzoic acid	None Detected	mg/kg	0.7	0.016	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
alpha-BHC	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
beta-BHC	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
delta-BHC	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	0.3	0.031	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-08-040504, 04/05/2004 @ 14:15, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.3	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Chrysene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
4,4'-DDD	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
4,4'-DDE	None Detected	mg/kg	0.2	0.045	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
4,4'-DDT	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.2	0.026	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	V11
Dibenzofuran	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.3	0.0088	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Dieldrin	None Detected	mg/kg	0.2	0.053	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Diethyl phthalate	None Detected	mg/kg	0.2	0.024	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	0.099	
Dimethyl phthalate	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.2	0.02	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
1,2-Diphenylhydrazine	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Endosulfan I	None Detected	mg/kg	0.3	0.022	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Endosulfan II	None Detected	mg/kg	0.3	0.018	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Endosulfan sulfate	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Endrin	None Detected	mg/kg	0.3	0.021	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Endrin aldehyde	None Detected	mg/kg	0.7	0.024	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Fluoranthene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Fluorene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Heptachlor	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Heptachlor epoxide	None Detected	mg/kg	0.2	0.021	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Hexachlorobenzene	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	V11
Hexachloroethane	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-08-040504, 04/05/2004 @ 14:15, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	V11
Isophorone	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Naphthalene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2-Naphthylamine	None Detected	mg/kg	5	0.088	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2-Nitroaniline	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
3-Nitroaniline	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
4-Nitroaniline	None Detected	mg/kg	0.3	0.012	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	V11
Nitrobenzene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.2	0.02	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Phenanthrene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Pyrene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2-Chlorophenol	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.2	0.02	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.7	0.026	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.7	0.022	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2-Methylphenol	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.2	0.027	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2-Nitrophenol	None Detected	mg/kg	0.2	0.02	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
4-Nitrophenol	None Detected	mg/kg	0.3	0.02	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.3	0.012	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
Phenol	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.3	0.014	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.3	0.012	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662	ND	

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	60	%	25-121	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662		
Phenol-d5	65	%	24-113	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662		
Nitrobenzene-d5	55	%	23-120	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662		

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-000-08-040504, 04/05/2004 @ 14:15, Mike Hoffman

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorobiphenyl	43	%	30-115	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662		
2,4,6-Tribromophenol	75	%	19-122	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662		
p-Terphenyl-d14	75	%	18-137	8270	04/08/04	04/13/04	01:26	SKC	MS-B2	1.35	290-100662		

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's and/or MDL's were raised due to inadequate sample size received.

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BC Laboratories, Inc

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-500-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-8

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Acenaphthylene	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Aldrin	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Aniline	None Detected	mg/kg	0.3	0.038	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Anthracene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Benzidine	None Detected	mg/kg	4	0.0013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Benzo[b]fluoranthene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Benzo[k]fluoranthene	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Benzo[a]pyrene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Benzo[g,h,i]perylene	None Detected	mg/kg	0.2	0.024	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	V11
Benzoic acid	None Detected	mg/kg	0.7	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
alpha-BHC	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
beta-BHC	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
delta-BHC	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	0.3	0.03	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-500-08-040504, 04/05/2004 @ 14:30, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.3	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Chrysene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
4,4'-DDD	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
4,4'-DDE	None Detected	mg/kg	0.2	0.044	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
4,4'-DDT	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.2	0.025	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	V11
Dibenzofuran	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.3	0.0085	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Dieldrin	None Detected	mg/kg	0.2	0.051	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Diethyl phthalate	None Detected	mg/kg	0.2	0.023	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	0.095	
Dimethyl phthalate	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
1,2-Diphenylhydrazine	None Detected	mg/kg	0.2	0.0098	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Endosulfan I	None Detected	mg/kg	0.3	0.021	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Endosulfan II	None Detected	mg/kg	0.3	0.017	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Endosulfan sulfate	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Endrin	None Detected	mg/kg	0.3	0.02	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Endrin aldehyde	None Detected	mg/kg	0.7	0.023	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Fluoranthene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Fluorene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Heptachlor	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Heptachlor epoxide	None Detected	mg/kg	0.2	0.02	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Hexachlorobenzene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	V11
Hexachloroethane	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-500-08-040504, 04/05/2004 @ 14:30, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	V11
Isophorone	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Naphthalene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2-Naphthylamine	None Detected	mg/kg	4	0.085	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2-Nitroaniline	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
3-Nitroaniline	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
4-Nitroaniline	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	V11
Nitrobenzene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Phenanthrene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Pyrene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.3	0.012	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2-Chlorophenol	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.7	0.025	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.7	0.021	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2-Methylphenol	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.2	0.026	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2-Nitrophenol	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
4-Nitrophenol	None Detected	mg/kg	0.3	0.02	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
Phenol	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.3	0.014	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662	ND	

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	62	%	25-121	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662		
Phenol-d5	68	%	24-113	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662		
Nitrobenzene-d5	58	%	23-120	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662		

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-500-08-040504, 04/05/2004 @ 14:30, Mike Hoffman

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorobiphenyl	39	%	30-115	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662		
2,4,6-Tribromophenol	77	%	19-122	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662		
p-Terphenyl-d14	65	%	18-137	8270	04/08/04	04/13/04	02:08	SKC	MS-B2	1.3	290-100662		

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's and/or MDL's were raised due to inadequate sample size received.

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BC Laboratories, Inc

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 15:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-700-08-040504	**Sample Matrix**	Water
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-9

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	ug/L	2	0.23	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Acenaphthylene	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Aldrin	None Detected	ug/L	2	0.52	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Aniline	None Detected	ug/L	5	0.28	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Anthracene	None Detected	ug/L	2	0.28	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Benzidine	None Detected	ug/L	20	3.2	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	C02
Benzo[a]anthracene	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Benzo[b]fluoranthene	None Detected	ug/L	2	0.46	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M06
Benzo[k]fluoranthene	None Detected	ug/L	2	0.27	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M06
Benzo[a]pyrene	None Detected	ug/L	2	0.42	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M06
Benzo[g,h,i]perylene	None Detected	ug/L	2	0.52	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M06
Benzoic acid	None Detected	ug/L	10	3.3	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Benzyl alcohol	None Detected	ug/L	2	0.99	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Benzyl butyl phthalate	None Detected	ug/L	2	0.33	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
alpha-BHC	None Detected	ug/L	2	0.35	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
beta-BHC	None Detected	ug/L	2	0.43	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
delta-BHC	None Detected	ug/L	2	0.51	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
gamma-BHC (Lindane)	None Detected	ug/L	2	0.34	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
bis(2-Chloroethyl) ether	None Detected	ug/L	2	0.41	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
bis(2-Chloroethoxy)methane	None Detected	ug/L	2	0.34	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	ug/L	2	0.39	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
bis(2-Ethylhexyl)phthalate	None Detected	ug/L	5	0.75	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
4-Bromophenyl phenyl ether	None Detected	ug/L	2	0.31	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-700-08-040504, 04/05/2004 @ 15:15, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	None Detected	ug/L	2	0.26	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2-Chloronaphthalene	None Detected	ug/L	2	0.26	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
4-Chlorophenyl phenyl ether	None Detected	ug/L	2	0.36	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Chrysene	None Detected	ug/L	2	0.17	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
4,4'-DDD	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
4,4'-DDE	None Detected	ug/L	3	0.28	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
4,4'-DDT	None Detected	ug/L	2	0.22	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Dibenzo[a,h]anthracene	None Detected	ug/L	3	0.54	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M06
Dibenzofuran	None Detected	ug/L	2	0.28	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Di-n-butyl phthalate	None Detected	ug/L	2	0.36	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
1,2-Dichlorobenzene	None Detected	ug/L	2	0.34	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
1,3-Dichlorobenzene	None Detected	ug/L	2	0.39	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
1,4-Dichlorobenzene	None Detected	ug/L	2	0.45	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
3,3-Dichlorobenzidine	None Detected	ug/L	10	0.33	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Dieldrin	None Detected	ug/L	3	0.46	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Diethyl phthalate	None Detected	ug/L	2	0.34	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Dimethyl phthalate	None Detected	ug/L	2	0.31	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
2,4-Dinitrotoluene	None Detected	ug/L	2	0.20	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
2,6-Dinitrotoluene	None Detected	ug/L	2	0.43	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Di-n-octyl phthalate	None Detected	ug/L	2	0.74	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
1,2-Diphenylhydrazine	None Detected	ug/L	2	0.28	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Endosulfan I	None Detected	ug/L	10	2.7	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Endosulfan II	None Detected	ug/L	10	2.7	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Endosulfan sulfate	None Detected	ug/L	3	0.73	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Endrin	None Detected	ug/L	2	0.58	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Endrin aldehyde	None Detected	ug/L	10	0.94	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Fluoranthene	None Detected	ug/L	2	0.27	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Fluorene	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Heptachlor	None Detected	ug/L	2	0.48	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Heptachlor epoxide	None Detected	ug/L	2	0.70	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Hexachlorobenzene	None Detected	ug/L	2	0.48	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Hexachlorobutadiene	None Detected	ug/L	2	0.45	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Hexachlorocyclopentadiene	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07,V11
Hexachloroethane	None Detected	ug/L	2	0.33	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-700-08-040504, 04/05/2004 @ 15:15, Mike Hoffman

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Indeno[1,2,3-cd]pyrene	None Detected	ug/L	2	0.72	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M06
Isophorone	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2-Methylnaphthalene	None Detected	ug/L	2	0.33	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Naphthalene	None Detected	ug/L	2	0.35	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2-Naphthylamine	None Detected	ug/L	20	0.31	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
2-Nitroaniline	None Detected	ug/L	2	0.28	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
3-Nitroaniline	None Detected	ug/L	2	0.32	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
4-Nitroaniline	None Detected	ug/L	5	0.15	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
Nitrobenzene	None Detected	ug/L	2	0.29	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
N-Nitrosodimethylamine	None Detected	ug/L	2	0.25	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
N-Nitrosodiphenylamine	None Detected	ug/L	2	0.31	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	M07
N-Nitrosodi-N-propylamine	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Phenanthrene	None Detected	ug/L	2	0.27	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Pyrene	None Detected	ug/L	2	0.35	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
1,2,4-Trichlorobenzene	None Detected	ug/L	2	0.42	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
4-Chloro-3-methylphenol	None Detected	ug/L	5	0.36	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2-Chlorophenol	None Detected	ug/L	2	0.20	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2,4-Dichlorophenol	None Detected	ug/L	2	0.31	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2,4-Dimethylphenol	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2,4-Dinitrophenol	None Detected	ug/L	10	2.7	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2-Methyl-4,6-dinitrophenol	None Detected	ug/L	10	3.6	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	V11
2-Methylphenol	None Detected	ug/L	2	0.29	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
3- & 4-Methylphenol	None Detected	ug/L	2	0.55	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2-Nitrophenol	None Detected	ug/L	2	0.46	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
4-Nitrophenol	None Detected	ug/L	2	1.6	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Pentachlorophenol	None Detected	ug/L	10	3.7	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
Phenol	None Detected	ug/L	2	0.16	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2,4,5-Trichlorophenol	None Detected	ug/L	5	0.37	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	
2,4,6-Trichlorophenol	None Detected	ug/L	5	0.32	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665	ND	

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	69	%	21-100	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665		
Phenol-d5	49	%	10-94	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665		
Nitrobenzene-d5	88	%	35-114	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665		

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OCSS-700-08-040504, 04/05/2004 @ 15:15, Mike Hoffman

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorobiphenyl	86	%	43-116	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665		M07
2,4,6-Tribromophenol	110	%	10-123	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665		
p-Terphenyl-d14	96	%	33-141	8270	04/10/04	04/14/04	11:16	SKC	MS-B2	1.01	290-100665		

Flag	Explanations
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit.
M06	The internal standard on the Method Blank was not within the control limits.
M07	The surrogate recovery on the Method Blank for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 10:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-01-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-1A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	0.087	mg/kg	0.06	0.022	8270	04/14/04	04/15/04	16:06	JST	MS-B4	2.0			A01

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	78	mg/kg	70-130	8270	04/14/04	04/15/04	16:06	JST	MS-B4	2.0			

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-02-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-2A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.09	0.033	8270	04/14/04	04/16/04	14:21	JST	MS-B4	3.0			A10

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	74	mg/kg	70-130	8270	04/14/04	04/16/04	14:21	JST	MS-B4	3.0			

Flag	Explanations
A10	PQL's and MDL's were raised due to matrix interference.

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IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 11:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-03-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-3A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.09	0.033	8270	04/14/04	04/16/04	14:55	JST	MS-B4	3.0			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	59	mg/kg	70-130	8270	04/14/04	04/16/04	14:55	JST	MS-B4	3.0			S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-05-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-4A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	10:43	JST	MS-B4	1.0			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	81	mg/kg	70-130	8270	04/14/04	04/15/04	10:43	JST	MS-B4	1.0			

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 12:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-06-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-5A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.09	0.033	8270	04/14/04	04/16/04	15:18	JST	MS-B4	3.0			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	52	mg/kg	70-130	8270	04/14/04	04/16/04	15:18	JST	MS-B4	3.0			S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 13:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-07-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-6A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	0.018	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	12:15	JST	MS-B4	1.0			R01

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	65	mg/kg	70-130	8270	04/14/04	04/15/04	12:15	JST	MS-B4	1.0			S09

Flag	Explanations
R01	The sample result is between the MDL and PQL.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-000-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-7A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	0.014	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	12:38	JST	MS-B4	1.0			R01

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	61	mg/kg	70-130	8270	04/14/04	04/15/04	12:38	JST	MS-B4	1.0			S09

Flag	Explanations
R01	The sample result is between the MDL and PQL.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 14:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-500-08-040504	**Sample Matrix**	Soil
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-8A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	0.014	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	13:01	JST	MS-B4	1.0			R01

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	67	mg/kg	70-130	8270	04/14/04	04/15/04	13:01	JST	MS-B4	1.0			S09

Flag	Explanations
R01	The sample result is between the MDL and PQL.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/05/2004 @ 21:40
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 15:15
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OCSS-700-08-040504	**Sample Matrix**	Water
Sampled By	Mike Hoffman	**BCL Sample ID**	04-03413-9A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	ug/L	2	0.299	8270	04/07/04	04/09/04	02:54	SGB	MS-B4	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	118	ug/L	70-130	8270	04/07/04	04/09/04	02:54	SGB		1			

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
STANDARD TTLC CONSTITUENTS

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*TTLC

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	Method Blank Readings	Units
Antimony	< 5.	mg/kg
Arsenic	< 0.5	mg/kg
Barium	< 0.5	mg/kg
Beryllium	0.055	mg/kg
Cadmium	0.085	mg/kg
Chromium	< 0.5	mg/kg
Cobalt	< 2.5	mg/kg
Copper	< 1.	mg/kg
Lead	0.10	mg/kg
Mercury	< 0.2	mg/kg
Molybdenum	< 2.5	mg/kg
Nickel	0.09	mg/kg
Selenium	< 0.5	mg/kg
Silver	< 0.5	mg/kg
Thallium	< 5.	mg/kg
Vanadium	< 0.5	mg/kg
Zinc	< 2.5	mg/kg

The trace detections for Lead, Beryllium, Cadmium and Nickel are estimated values between the MDL and PQL.

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
STANDARD TTLC CONSTITUENTS

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/24/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*TTLC

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	QC Sample ID	Sample Result	Sample Duplicate	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Sample R.P.D.	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Antimony	HP-3413-1-B1-X	0.7404	< 10.	35.38	35.67	96.15	96.15	mg/kg	<PQL	1.	20	36.	36.	16 - 119
Arsenic	HP-3413-1-B1-X	22.61	19.26	23.57	23.47	4.808	4.808	mg/kg	<PQL	0.	20	H MEAN	H MEAN	75 - 125
Barium	HP-3413-1-B1-X	142.3	150.8	230.8	223.8	96.15	96.15	mg/kg	6.	3.	20	92.	85.	75 - 125
Beryllium	HP-3413-1-B1-X	0.4615	0.4519	8.971	9.798	9.615	9.615	mg/kg	<PQL	9.	20	89.	97.	75 - 125
Cadmium	HP-3413-1-B1-X	1.375	1.385	9.596	10.52	9.615	9.615	mg/kg	<PQL	9.	20	86.	95.	75 - 125
Chromium	HP-3413-1-B1-X	19.14	18.10	110.7	113.5	96.15	96.15	mg/kg	6.	3.	20	95.	98.	75 - 125
Cobalt	HP-3413-1-B1-X	9.106	8.712	101.3	104.5	96.15	96.15	mg/kg	<PQL	3.	20	96.	99.	75 - 125
Copper	HP-3413-1-B1-X	22.20	21.32	115.8	114.7	96.15	96.15	mg/kg	4.	1.	20	97.	96.	75 - 125
Lead	HP-3413-1-B1-X	27.46	23.20	109.0	112.6	96.15	96.15	mg/kg	17.	3.	20	85.	89.	75 - 125
Mercury	03413-1-X12.5	0.8073	0.8830	1.593	1.556	0.7576	0.7812	mg/kg	9.	4.	20	104.	96.	85 - 115
Molybdenum	HP-3413-1-B1-X	< 5.	< 5.	84.29	86.96	96.15	96.15	mg/kg	<PQL	3.	20	86.	89.	75 - 125
Nickel	HP-3413-1-B1-X	19.26	19.16	101.5	110.5	96.15	96.15	mg/kg	1.	8.	20	86.	95.	75 - 125
Selenium	HP-3413-1-B1-X	< 1.	< 1.	3.529	4.163	4.808	4.808	mg/kg	<PQL	16.	20	77.	91.	75 - 125
Silver	HP-3413-1-B1-X	< 1.	< 1.	8.798	8.952	9.615	9.615	mg/kg	<PQL	2.	20	92.	94.	75 - 125
Thallium	HP-3413-1-B1-X	< 10.	< 10.	90.37	92.52	96.15	96.15	mg/kg	<PQL	2.	20	93.	96.	75 - 125
Vanadium	HP-3413-1-B1-X	38.74	37.01	129.9	132.2	96.15	96.15	mg/kg	5.	2.	20	95.	97.	75 - 125
Zinc	HP-3413-1-B1-X	122.4	115.4	205.0	203.3	96.15	96.15	mg/kg	6.	1.	20	86.	84.	75 - 125

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

H Mean - sample concentration is greater than four times the spike level.

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
STANDARD TTLC CONSTITUENTS

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/24/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*TTLC

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Antimony	HP-LCSS1-0	2.8426	3.03	mg/kg	94.	75 - 125
Arsenic	HP-LCSS1-0	18.370	19.0	mg/kg	97.	75 - 125
Barium	HP-LCSS1-0	170.46	171.	mg/kg	100.	75 - 125
Beryllium	HP-LCSS1-0	9.6481	11.0	mg/kg	88.	75 - 125
Cadmium	HP-LCSS1-0	9.6944	10.1	mg/kg	96.	75 - 125
Chromium	HP-LCSS1-0	24.046	25.2	mg/kg	95.	75 - 125
Cobalt	HP-LCSS1-0	16.722	16.3	mg/kg	103.	75 - 125
Copper	HP-LCSS1-0	24.602	25.9	mg/kg	95.	75 - 125
Lead	HP-LCSS1-0	18.537	17.7	mg/kg	105.	75 - 125
Mercury	LCSS4-04-0	1.6721	1.57	mg/kg	107.	75 - 125
Molybdenum	HP-LCSS1-0	10.250	11.0	mg/kg	93.	75 - 125
Nickel	HP-LCSS1-0	19.046	21.1	mg/kg	90.	75 - 125
Selenium	HP-LCSS1-0	9.0370	8.82	mg/kg	102.	75 - 125
Silver	HP-LCSS1-0	9.0278	9.67	mg/kg	93.	75 - 125
Thallium	HP-LCSS1-0	10.509	9.39	mg/kg	112.	75 - 125
Vanadium	HP-LCSS1-0	53.028	53.3	mg/kg	99.	75 - 125
Zinc	HP-LCSS1-0	61.093	64.7	mg/kg	94.	75 - 125

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8081

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/27/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8081

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	Method Blank Readings	Units
Aldrin	< 0.0005	mg/kg
alpha-BHC	< 0.0005	mg/kg
beta-BHC	< 0.005	mg/kg
delta-BHC	< 0.0005	mg/kg
gamma-BHC	< 0.0005	mg/kg
Chlordane (Technical)	< 0.01	mg/kg
4,4'-DDD	< 0.0005	mg/kg
4,4'-DDE	< 0.0005	mg/kg
4,4'-DDT	< 0.0005	mg/kg
Dieldrin	< 0.0005	mg/kg
Endosulfan I	< 0.0005	mg/kg
Endosulfan II	< 0.0005	mg/kg
Endosulfan Sulfate	< 0.0005	mg/kg
Endrin	< 0.0005	mg/kg
Endrin Aldehyde	< 0.0005	mg/kg
Heptachlor	< 0.0005	mg/kg
Heptachlor Epoxide	< 0.0005	mg/kg
Methoxychlor	< 0.0005	mg/kg
Toxaphene	< 0.1	mg/kg
TCMX	77.	%
Dibutyl chlorendate	72.	%

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8081

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/27/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8081

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Aldrin	3358-2	< 0.0005	0.0061	0.0060	0.0083	0.0083	mg/kg	0.	28	73.	73.	23 - 147
gamma-BHC	3358-2	< 0.0005	0.0046	0.0044	0.0083	0.0083	mg/kg	4.	27	56.	54.	17 - 139
4,4'-DDT	3358-2	0.0016	0.0037	0.0047	0.0083	0.0083	mg/kg	24.	30	25.	38.	14 - 164
Dieldrin	3358-2	< 0.0005	0.0054	0.0050	0.0083	0.0083	mg/kg	8.	30	65.	60.	23 - 160
Endrin	3358-2	< 0.0005	0.0058	0.0058	0.0083	0.0083	mg/kg	2.	30	69.	70.	22 - 171
Heptachlor	3358-2	< 0.0005	0.0055	0.0050	0.0083	0.0083	mg/kg	8.	30	66.	60.	21 - 148
TCMX	MS/MSD									82.	47.	35 - 140
Dibutyl chlorendate	MS/MSD									73.	51.	36 - 149

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8081

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8081

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Aldrin	LCS	0.0068	0.0083	mg/kg	82.	39 - 170
gamma-BHC	LCS	0.0051	0.0083	mg/kg	62.	45 - 132
4,4'-DDT	LCS	0.0055	0.0083	mg/kg	66.	47 - 145
Dieldrin	LCS	0.0070	0.0083	mg/kg	85.	62 - 143
Endrin	LCS	0.0075	0.0083	mg/kg	90.	71 - 150
Heptachlor	LCS	0.0071	0.0083	mg/kg	86.	45 - 139
TCMX	LCS				79.	35 - 140
Dibutyl chlorendate	LCS				84.	36 - 149

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8081

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/23/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8081

Samples Affected: 04-03413-9

Constituents	Method Blank Readings	Units
Aldrin	< 0.005	µg/L
alpha-BHC	< 0.005	µg/L
beta-BHC	< 0.005	µg/L
delta-BHC	< 0.005	µg/L
gamma-BHC	< 0.005	µg/L
Chlordane (Technical)	< 1.	µg/L
4,4'-DDD	< 0.005	µg/L
4,4'-DDE	< 0.005	µg/L
4,4'-DDT	< 0.005	µg/L
Dieldrin	< 0.005	µg/L
Endosulfan I	< 0.005	µg/L
Endosulfan II	< 0.005	µg/L
Endosulfan Sulfate	< 0.005	µg/L
Endrin	< 0.005	µg/L
Endrin Aldehyde	< 0.01	µg/L
Heptachlor	< 0.005	µg/L
Heptachlor Epoxide	< 0.005	µg/L
Methoxychlor	< 0.01	µg/L
Toxaphene	< 1.	µg/L
TCMX	47.	%
Dibutyl chlorendate	87.	%

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B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8081

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/23/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8081

Samples Affected: 04-03413-9

The Method Blank surrogate recovery for TCMX is outside QC limits.

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8081

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/23/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8081

Samples Affected: 04-03413-9

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Aldrin	3385-4	< 0.005	0.177	0.175	0.250	0.250	µg/L	2.	26	71.	70.	42 - 161
gamma-BHC	3385-4	< 0.005	0.153	0.148	0.250	0.250	µg/L	4.	27	61.	59.	46 - 141
4,4'-DDT	3385-4	< 0.005	0.159	0.162	0.250	0.250	µg/L	2.	30	64.	65.	42 - 165
Dieldrin	3385-4	< 0.005	0.198	0.198	0.250	0.250	µg/L	0.	30	79.	79.	58 - 159
Endrin	3385-4	< 0.005	0.220	0.224	0.250	0.250	µg/L	2.	30	88.	89.	61 - 173
Heptachlor	3385-4	< 0.005	0.245	0.220	0.250	0.250	µg/L	10.	26	98.	88.	42 - 155
TCMX	MS/MSD									69.	83.	57 - 127
Dibutyl chlorendate	MS/MSD									78.	84.	56 - 160

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8081

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/23/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8081

Samples Affected: 04-03413-9

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Aldrin	LCS	0.145	0.250	µg/L	58.	36 - 160
gamma-BHC	LCS	0.138	0.250	µg/L	55.	35 - 134
4,4'-DDT	LCS	0.137	0.250	µg/L	55.	55 - 136
Dieldrin	LCS	0.174	0.250	µg/L	70.	67 - 137
Endrin	LCS	0.191	0.250	µg/L	76.	67 - 154
Heptachlor	LCS	0.214	0.250	µg/L	85.	44 - 144
TCMX	LCS				63.	57 - 127
Dibutyl chlorendate	LCS				70.	56 - 160

Quality Control Officer

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8082

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/16/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8082

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	Method Blank Readings	Units
PCB-1016	< 0.01	mg/kg
PCB-1221	< 0.01	mg/kg
PCB-1232	< 0.01	mg/kg
PCB-1242	< 0.01	mg/kg
PCB-1248	< 0.01	mg/kg
PCB-1254	< 0.01	mg/kg
PCB-1260	< 0.01	mg/kg
Total PCB's (Summation)	< 0.01	mg/kg
Decachlorobiphenyl	91.	%

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8082

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/16/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8082

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
PCB-1260	Baked Soil	< 0.01	0.074	0.071	0.083	0.083	mg/kg	4.	30	90.	86.	31 - 127
Decachlorobiphenyl	MS/MSD									91.	90.	29 - 130

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8082

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/15/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8082

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
PCB-1260	LCS	0.072	0.082	mg/kg	87.	52 - 120
Decachlorobiphenyl	LCS				89.	29 - 130

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8082

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/15/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8082

Samples Affected: 04-03413-9

Constituents	Method Blank Readings	Units
PCB-1016	< 0.2	µg/L
PCB-1221	< 0.2	µg/L
PCB-1232	< 0.2	µg/L
PCB-1242	< 0.2	µg/L
PCB-1248	< 0.2	µg/L
PCB-1254	< 0.2	µg/L
PCB-1260	< 0.2	µg/L
Total PCB's (Summation)	< 0.2	µg/L
Decachlorobiphenyl	91.	%

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8082

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/15/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8082

Samples Affected: 04-03413-9

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
PCB-1260	OFW	< 0.2	1.990	2.219	2.500	2.500	µg/L	11.	30	80.	89.	52 - 128
Decachlorobiphenyl	MS/MSD									86.	94.	42 - 144

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8082

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/15/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8082

Samples Affected: 04-03413-9

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
PCB-1260	LCS	1.860	2.500	µg/L	74.	56 - 124
Decachlorobiphenyl	LCS				81.	42 - 144

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/22/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8270

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	Method Blank Readings	Units
Acenaphthene	< 0.1	mg/kg
Acenaphthylene	< 0.1	mg/kg
Aldrin	< 0.1	mg/kg
Aniline	< 0.2	mg/kg
Anthracene	< 0.1	mg/kg
Benzidine	< 3.	mg/kg
Benz (a) anthracene	< 0.1	mg/kg
Benzo (b) fluoranthene	< 0.1	mg/kg
Benzo (k) fluoranthene	< 0.1	mg/kg
Benzo (a) Pyrene	< 0.1	mg/kg
Benzo (ghi) perylene	< 0.1	mg/kg
Benzoic Acid	< 0.5	mg/kg
Benzyl alcohol	< 0.1	mg/kg
Benzyl butyl phthalate	< 0.1	mg/kg
alpha-BHC	< 0.1	mg/kg
beta-BHC	< 0.1	mg/kg
delta-BHC	< 0.1	mg/kg
gamma-BHC	< 0.1	mg/kg
bis(2-chloroethyl)ether	< 0.1	mg/kg
bis(2-chloroethoxy)methane	< 0.1	mg/kg
bis(2-chloro-1-methylethyl) et	< 0.1	mg/kg
bis(2-ethylhexyl)phthalate	< 0.2	mg/kg
4-Bromophenyl phenyl ether	< 0.1	mg/kg
4-Chloroaniline	< 0.1	mg/kg
2-Chloronaphthalene	< 0.1	mg/kg
4-Chlorophenyl phenyl ether	< 0.1	mg/kg
Chrysene	< 0.1	mg/kg
4,4-DDD'	< 0.1	mg/kg
4,4-DDE'	< 0.1	mg/kg
4,4-DDT'	< 0.1	mg/kg

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/22/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8270

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	Method Blank Readings	Units
Dibenzo (a,h) anthracene	< 0.1	mg/kg
Dibenzofuran	< 0.1	mg/kg
Di-n-butyl phthalate	< 0.1	mg/kg
1,2-Dichlorobenzene	< 0.1	mg/kg
1,3-Dichlorobenzene	< 0.1	mg/kg
1,4-Dichlorobenzene	< 0.1	mg/kg
3,3-Dichlorobenzidine	< 0.2	mg/kg
Dieldrin	< 0.1	mg/kg
Diethyl phthalate	2.2	mg/kg
Dimethyl phthalate	< 0.1	mg/kg
2,4-Dinitrotoluene	< 0.1	mg/kg
2,6-Dinitrotoluene	< 0.1	mg/kg
Di-n-octylphthalate	< 0.1	mg/kg
1,2-Diphenylhydrazine	< 0.1	mg/kg
Endosulfan I	< 0.2	mg/kg
Endosulfan II	< 0.2	mg/kg
Endosulfan sulfate	< 0.1	mg/kg
Endrin	< 0.2	mg/kg
Endrin Aldehyde	< 0.5	mg/kg
Fluoranthene	< 0.1	mg/kg
Fluorene	< 0.1	mg/kg
Heptachlor	< 0.1	mg/kg
Heptachlor epoxide	< 0.1	mg/kg
Hexachlorobenzene	< 0.1	mg/kg
Hexachlorobutadiene	< 0.1	mg/kg
Hexachlorocyclopentadiene	< 0.1	mg/kg
Hexachloroethane	< 0.1	mg/kg
Indeno (1,2,3-cd) pyrene	< 0.1	mg/kg
Isophorone	< 0.1	mg/kg
2-Methylnaphthalene	< 0.1	mg/kg

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/22/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8270

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	Method Blank Readings	Units
Naphthalene	< 0.1	mg/kg
2-Naphthylamine	< 3.	mg/kg
2-Nitroaniline	< 0.1	mg/kg
3-Nitroaniline	< 0.1	mg/kg
4-Nitroaniline	< 0.2	mg/kg
Nitrobenzene	< 0.1	mg/kg
n-Nitrosodimethylamine	< 0.1	mg/kg
n-Nitrosodiphenylamine	< 0.1	mg/kg
N-nitrosodi-n-propylamine	< 0.1	mg/kg
Phenanthrene	< 0.1	mg/kg
Pyrene	< 0.1	mg/kg
1,2,4-Trichlorobenzene	< 0.1	mg/kg
4-Chloro-3-methylphenol	< 0.2	mg/kg
2-Chlorophenol	< 0.1	mg/kg
2,4-Dichlorophenol	< 0.1	mg/kg
2,4-Dimethylphenol	< 0.1	mg/kg
2,4-Dinitrophenol	< 0.5	mg/kg
2-Methyl-4,6-dinitrophenol	< 0.5	mg/kg
2-Methylphenol	< 0.1	mg/kg
3- & 4-Methylphenol	< 0.1	mg/kg
2-Nitrophenol	< 0.1	mg/kg
4-Nitrophenol	< 0.2	mg/kg
Pentachlorophenol	< 0.2	mg/kg
Phenol	< 0.1	mg/kg
2,4,5-Trichlorophenol	< 0.2	mg/kg
2,4,6-Trichlorophenol	< 0.2	mg/kg
2-Fluorophenol	96.	%
Phenol-d5	101.	%
Nitrobenzene-d5	97.	%
2-Fluorobiphenyl	94.	%

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B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/22/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8270

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	Method Blank Readings	Units
2,4,6-Tribromophenol	107.	%
d14-Terphenyl	98.	%

The trace detection for Diethyl phthalate is an estimated value between the MDL and PQL.

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8270

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Acenaphthene	SOLIDS-PB1-04-	< 0.1	2.02	2.41	2.67	2.67	mg/kg	18.	30	76.	90.	22 - 145
1,4-Dichlorobenzene	SOLIDS-PB1-04-	< 0.1	1.66	2.07	2.67	2.67	mg/kg	22.	28	62.	78.	40 - 115
2,4-Dinitrotoluene	SOLIDS-PB1-04-	< 0.1	1.98	2.35	2.67	2.67	mg/kg	17.	30	74.	88.	41 - 118
Hexachlorobenzene	SOLIDS-PB1-04-	< 0.1	1.33	1.54	2.67	2.67	mg/kg	14.	30	50.	58.	15 - 101
Hexachlorobutadiene	SOLIDS-PB1-04-	< 0.1	1.86	2.26	2.67	2.67	mg/kg	19.	30	70.	85.	38 - 115
Hexachloroethane	SOLIDS-PB1-04-	< 0.1	1.72	2.10	2.67	2.67	mg/kg	20.	30	64.	79.	39 - 114
Nitrobenzene	SOLIDS-PB1-04-	< 0.1	1.95	2.37	2.67	2.67	mg/kg	20.	30	73.	89.	35 - 122
N-nitrosodi-n-propylamine	SOLIDS-PB1-04-	< 0.1	1.68	2.05	2.67	2.67	mg/kg	20.	29	63.	77.	35 - 119
Pyrene	SOLIDS-PB1-04-	< 0.1	2.65	3.28	2.67	2.67	mg/kg	21.	30	99.	123.	14 - 176
1,2,4-Trichlorobenzene	SOLIDS-PB1-04-	< 0.1	1.84	2.25	2.67	2.67	mg/kg	20.	30	69.	84.	42 - 121
4-Chloro-3-methylphenol	SOLIDS-PB1-04-	< 0.2	2.23	2.63	2.67	2.67	mg/kg	16.	30	84.	98.	37 - 135
2-Chlorophenol	SOLIDS-PB1-04-	< 0.1	1.78	2.19	2.67	2.67	mg/kg	20.	30	67.	82.	44 - 113
2-Methylphenol	SOLIDS-PB1-04-	< 0.1	1.94	2.40	2.67	2.67	mg/kg	21.	30	73.	90.	46 - 123
3- & 4-Methylphenol	SOLIDS-PB1-04-	< 0.1	1.95	2.36	2.67	2.67	mg/kg	19.	30	73.	88.	36 - 134
4-Nitrophenol	SOLIDS-PB1-04-	< 0.2	1.85	2.19	2.67	2.67	mg/kg	17.	30	69.	82.	11 - 127
Pentachlorophenol	SOLIDS-PB1-04-	< 0.2	2.36	2.69	2.67	2.67	mg/kg	13.	30	88.	101.	17 - 150
Phenol	SOLIDS-PB1-04-	< 0.1	1.95	2.37	2.67	2.67	mg/kg	20.	30	73.	89.	33 - 125
2,4,6-Trichlorophenol	SOLIDS-PB1-04-	< 0.2	2.24	2.77	2.67	2.67	mg/kg	21.	30	84.	104.	45 - 123
2-Fluorophenol	MS/MSD									72.	88.	25 - 121
Phenol-d5	MS/MSD									73.	90.	24 - 113
Nitrobenzene-d5	MS/MSD									71.	87.	23 - 120
2-Fluorobiphenyl	MS/MSD									78.	95.	30 - 115
2,4,6-Tribromophenol	MS/MSD									89.	104.	19 - 122
d14-Terphenyl	MS/MSD									92.	111.	18 - 137

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8270

Samples Affected: 04-03413-1 - 04-03413-8

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8270

Samples Affected: 04-03413-1 - 04-03413-8

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Acenaphthene	SOLIDS-LCS	2.43	2.67	mg/kg	91.	44 - 121
1,4-Dichlorobenzene	SOLIDS-LCS	2.01	2.67	mg/kg	75.	42 - 119
2,4-Dinitrotoluene	SOLIDS-LCS	2.31	2.67	mg/kg	87.	54 - 118
Hexachlorobenzene	SOLIDS-LCS	1.57	2.67	mg/kg	59.	27 - 102
Hexachlorobutadiene	SOLIDS-LCS	2.21	2.67	mg/kg	83.	42 - 108
Hexachloroethane	SOLIDS-LCS	2.02	2.67	mg/kg	76.	39 - 123
Nitrobenzene	SOLIDS-LCS	2.35	2.67	mg/kg	88.	48 - 119
N-nitrosodi-n-propylamine	SOLIDS-LCS	1.93	2.67	mg/kg	72.	47 - 109
Pyrene	SOLIDS-LCS	3.18	2.67	mg/kg	119.	41 - 129
1,2,4-Trichlorobenzene	SOLIDS-LCS	2.23	2.67	mg/kg	84.	46 - 119
4-Chloro-3-methylphenol	SOLIDS-LCS	2.63	2.67	mg/kg	98.	57 - 126
2-Chlorophenol	SOLIDS-LCS	2.13	2.67	mg/kg	80.	50 - 114
2-Methylphenol	SOLIDS-LCS	2.27	2.67	mg/kg	85.	52 - 120
3- & 4-Methylphenol	SOLIDS-LCS	2.31	2.67	mg/kg	87.	45 - 127
4-Nitrophenol	SOLIDS-LCS	2.21	2.67	mg/kg	83.	38 - 91
Pentachlorophenol	SOLIDS-LCS	2.67	2.67	mg/kg	100.	52 - 143
Phenol	SOLIDS-LCS	2.31	2.67	mg/kg	87.	49 - 122
2,4,6-Trichlorophenol	SOLIDS-LCS	2.69	2.67	mg/kg	101.	52 - 124
2-Fluorophenol	SOLIDS-LCS				86.	25 - 121
Phenol-d5	SOLIDS-LCS				90.	24 - 113
Nitrobenzene-d5	SOLIDS-LCS				86.	23 - 120
2-Fluorobiphenyl	SOLIDS-LCS				94.	30 - 115
2,4,6-Tribromophenol	SOLIDS-LCS				110.	19 - 122
d14-Terphenyl	SOLIDS-LCS				115.	18 - 137

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QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1*8270

Samples Affected: 04-03413-1 - 04-03413-8

Quality Control Officer

Danette Bohm

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QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8270

Samples Affected: 04-03413-9

Constituents	Method Blank Readings	Units
Acenaphthene	< 2.	µg/L
Acenaphthylene	< 2.	µg/L
Aldrin	< 2.	µg/L
Aniline	< 5.	µg/L
Anthracene	< 2.	µg/L
Benzidine	<20.	µg/L
Benzo (a) anthracene	< 2.	µg/L
Benzo (b) fluoranthene	< 2.	µg/L
Benzo (k) fluoranthene	< 2.	µg/L
Benzo (a) pyrene	< 2.	µg/L
Benzo (ghi) perylene	< 2.	µg/L
Benzoic Acid	<10.	µg/L
Benzyl alcohol	< 2.	µg/L
Butyl Benzyl phthalate	< 2.	µg/L
alpha-BHC	< 2.	µg/L
beta-BHC	< 2.	µg/L
delta-BHC	< 2.	µg/L
gamma-BHC	< 2.	µg/L
bis(2-chloroethyl)ether	< 2.	µg/L
bis(2-chloroethoxy)methane	< 2.	µg/L
bis(2-chloro-1-methylethyl) et	< 2.	µg/L
bis(2-ethylhexyl)phthalate	< 5.	µg/L
4-Bromophenyl phenyl ether	< 2.	µg/L
4-Chloroaniline	< 2.	µg/L
2-Chloronaphthalene	< 2.	µg/L
4-Chlorophenyl phenyl ether	< 2.	µg/L
Chrysene	< 2.	µg/L
4,4-DDD'	< 2.	µg/L
4,4-DDE'	< 3.	µg/L
4,4-DDT'	< 2.	µg/L

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QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8270

Samples Affected: 04-03413-9

Constituents	Method Blank Readings	Units
Dibenzo (a,h) anthracene	< 3.	µg/L
Dibenzofuran	< 2.	µg/L
Di-n-butyl phthalate	< 2.	µg/L
1,2-Dichlorobenzene	< 2.	µg/L
1,3-Dichlorobenzene	< 2.	µg/L
1,4-Dichlorobenzene	< 2.	µg/L
3,3-Dichlorobenzidine	<10.	µg/L
Dieldrin	< 3.	µg/L
Diethyl phthalate	< 2.	µg/L
Dimethyl phthalate	< 2.	µg/L
2,4-Dinitrotoluene	< 2.	µg/L
2,6-Dinitrotoluene	< 2.	µg/L
Di-n-octylphthalate	< 2.	µg/L
1,2-Diphenylhydrazine	< 2.	µg/L
Endosulfan I	<10.	µg/L
Endosulfan II	<10.	µg/L
Endosulfan sulfate	< 3.	µg/L
Endrin	< 2.	µg/L
Endrin aldehyde	<10.	µg/L
Fluoranthene	< 2.	µg/L
Fluorene	< 2.	µg/L
Heptachlor	< 2.	µg/L
Heptachlor epoxide	< 2.	µg/L
Hexachlorobenzene	< 2.	µg/L
Hexachlorobutadiene	< 2.	µg/L
Hexachlorocyclopentadiene	< 2.	µg/L
Hexachloroethane	< 2.	µg/L
Indeno (1,2,3-cd) pyrene	< 2.	µg/L
Isophorone	< 2.	µg/L
2-Methylnaphthalene	< 2.	µg/L

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QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8270

Samples Affected: 04-03413-9

Constituents	Method Blank Readings	Units
Naphthalene	< 2.	µg/L
2-Naphthylamine	<20.	µg/L
2-Nitroaniline	< 2.	µg/L
3-Nitroaniline	< 2.	µg/L
4-Nitroaniline	< 5.	µg/L
Nitrobenzene	< 2.	µg/L
n-Nitrosodimethylamine	< 2.	µg/L
n-Nitrosodiphenylamine	< 2.	µg/L
N-Nitrosodi-n-propylamine	< 2.	µg/L
Phenanthrene	< 2.	µg/L
Pyrene	< 2.	µg/L
1,2,4-Trichlorobenzene	< 2.	µg/L
4-Chloro-3-methylphenol	< 5.	µg/L
2-Chlorophenol	< 2.	µg/L
2,4-Dichlorophenol	< 2.	µg/L
2,4-Dimethylphenol	< 2.	µg/L
2,4-Dinitrophenol	<10.	µg/L
2-Methyl-4,6-dinitrophenol	<10.	µg/L
2-Methylphenol	< 2.	µg/L
3- & 4-Methylphenol	< 2.	µg/L
2-Nitrophenol	< 2.	µg/L
4-Nitrophenol	< 2.	µg/L
Pentachlorophenol	<10.	µg/L
Phenol	< 2.	µg/L
2,4,5-Trichlorophenol	< 5.	µg/L
2,4,6-Trichlorophenol	< 5.	µg/L
2-Fluorophenol	69.	%
Phenol-d5	38.	%
Nitrobenzene-d5	102.	%
2-Fluorobiphenyl	120.	%

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QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8270

Samples Affected: 04-03413-9

Constituents	Method Blank Readings	Units
2,4,6-Tribromophenol	105.	%
d14-Terphenyl	112.	%

The Method Blank surrogate recovery for 2-Fluorobiphenyl is outside QC limits.

Quality Control Officer

Danette Bohm

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QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8270

Samples Affected: 04-03413-9

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Acenaphthene	04 GC-8270-MS-	< 2.	67.21	65.45	80.00	80.00	µg/L	6.	17	84.	82.	47 - 115
1,4-Dichlorobenzene	04 GC-8270-MS-	< 2.	60.41	58.47	80.00	80.00	µg/L	6.	22	76.	73.	44 - 113
2,4-Dinitrotoluene	04 GC-8270-MS-	< 2.	68.17	71.77	80.00	80.00	µg/L	2.	16	85.	90.	53 - 121
Hexachlorobenzene	04 GC-8270-MS-	< 2.	44.87	47.47	80.00	80.00	µg/L	2.	19	56.	59.	38 - 75
Hexachlorobutadiene	04 GC-8270-MS-	< 2.	55.92	51.28	80.00	80.00	µg/L	12.	24	70.	64.	36 - 119
Hexachloroethane	04 GC-8270-MS-	< 2.	62.10	54.08	80.00	80.00	µg/L	17.	29	78.	68.	27 - 123
Nitrobenzene	04 GC-8270-MS-	< 2.	68.03	67.74	80.00	80.00	µg/L	4.	18	85.	85.	57 - 116
N-Nitrosodi-n-propylamine	04 GC-8270-MS-	< 2.	61.11	62.20	80.00	80.00	µg/L	1.	18	76.	78.	56 - 102
Pyrene	04 GC-8270-MS-	< 2.	67.22	68.78	80.00	80.00	µg/L	1.	29	84.	86.	35 - 124
1,2,4-Trichlorobenzene	04 GC-8270-MS-	< 2.	62.77	60.55	80.00	80.00	µg/L	7.	21	78.	76.	53 - 112
4-Chloro-3-methylphenol	04 GC-8270-MS-	< 5.	77.90	75.80	80.00	80.00	µg/L	6.	15	97.	95.	62 - 122
2-Chlorophenol	04 GC-8270-MS-	< 2.	68.25	68.09	80.00	80.00	µg/L	3.	16	85.	85.	44 - 112
2-Methylphenol	04 GC-8270-MS-	< 2.	65.71	66.29	80.00	80.00	µg/L	2.	17	82.	83.	46 - 109
3- & 4-Methylphenol	04 GC-8270-MS-	< 2.	57.37	55.16	80.00	80.00	µg/L	7.	19	72.	69.	35 - 111
4-Nitrophenol	04 GC-8270-MS-	< 2.	23.15	23.30	80.00	80.00	µg/L	3.	29	29.	29.	12 - 52
Pentachlorophenol	04 GC-8270-MS-	< 10.	86.54	87.86	80.00	80.00	µg/L	2.	30	108.	110.	22 - 156
Phenol	04 GC-8270-MS-	< 2.	34.91	34.63	80.00	80.00	µg/L	4.	23	44.	43.	22 - 66
2,4,6-Trichlorophenol	04 GC-8270-MS-	< 5.	77.23	80.12	80.00	80.00	µg/L	1.	17	97.	100.	54 - 126
2-Fluorophenol	MS/MSD									67.	66.	21 - 100
Phenol-d5	MS/MSD									45.	45.	10 - 94
Nitrobenzene-d5	MS/MSD									96.	94.	35 - 114
2-Fluorobiphenyl	MS/MSD									92.	89.	43 - 116
2,4,6-Tribromophenol	MS/MSD									107.	110.	10 - 123
d14-Terphenyl	MS/MSD									90.	88.	33 - 141

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B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Samples Affected: 04-03413-9

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8270

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8270

Samples Affected: 04-03413-9

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Acenaphthene	04_GC-8270	72.60	80.00	µg/L	91.	51 - 120
1,4-Dichlorobenzene	04_GC-8270	64.78	80.00	µg/L	81.	56 - 109
2,4-Dinitrotoluene	04_GC-8270	75.24	80.00	µg/L	94.	57 - 125
Hexachlorobenzene	04_GC-8270	50.34	80.00	µg/L	63.	45 - 74
Hexachlorobutadiene	04_GC-8270	58.83	80.00	µg/L	74.	42 - 119
Hexachloroethane	04_GC-8270	65.22	80.00	µg/L	82.	42 - 119
Nitrobenzene	04_GC-8270	74.69	80.00	µg/L	93.	65 - 113
N-Nitrosodi-n-propylamine	04_GC-8270	67.56	80.00	µg/L	84.	59 - 104
Pyrene	04_GC-8270	76.08	80.00	µg/L	95.	37 - 125
1,2,4-Trichlorobenzene	04_GC-8270	66.69	80.00	µg/L	83.	60 - 110
4-Chloro-3-methylphenol	04_GC-8270	82.91	80.00	µg/L	104.	64 - 120
2-Chlorophenol	04_GC-8270	73.01	80.00	µg/L	91.	57 - 107
2-Methylphenol	04_GC-8270	71.75	80.00	µg/L	90.	44 - 113
3- & 4-Methylphenol	04_GC-8270	60.60	80.00	µg/L	76.	36 - 113
4-Nitrophenol	04_GC-8270	25.13	80.00	µg/L	31.	12 - 54
Pentachlorophenol	04_GC-8270	93.54	80.00	µg/L	117.	48 - 143
Phenol	04_GC-8270	36.80	80.00	µg/L	46.	22 - 65
2,4,6-Trichlorophenol	04_GC-8270	86.06	80.00	µg/L	108.	63 - 126
2-Fluorophenol	04_GC-8270				70.	21 - 100
Phenol-d5	04_GC-8270				47.	10 - 94
Nitrobenzene-d5	04_GC-8270				104.	35 - 114
2-Fluorobiphenyl	04_GC-8270				101.	43 - 116
2,4,6-Tribromophenol	04_GC-8270				119.	10 - 123
d14-Terphenyl	04_GC-8270				98.	33 - 141

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Samples Affected: 04-03413-9

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403413-9*8270

Quality Control Officer

Danette Bohm

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4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * FAX (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/20/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1A*8270

Samples Affected: 04-03413-1A - 04-03413-8A

Constituents	Method Blank Readings	Units
1,4-Dioxane	< 0.03	mg/kg
Naphthalene-d8	103.	%

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/20/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1A*8270

Samples Affected: 04-03413-1A - 04-03413-8A

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
1,4-Dioxane	Baked Soil	< 0.03	2.47	2.46	2.67	2.66	mg/kg	0.	30	92.	92.	70 - 130
Naphthalene-d8	MS/MSD									100.	103.	70 - 130

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/20/2004
Sample Matrix: Soil
QC Batch ID: 200403413-1A*8270

Samples Affected: 04-03413-1A - 04-03413-8A

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
1,4-Dioxane	LCSS	2.57	2.67	mg/kg	97.	70 - 130
Naphthalene-d8	LCSS				103.	70 - 130

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/12/2004
Sample Matrix: Water
QC Batch ID: 200403413-9A*8270

Samples Affected: 04-03413-9A

Constituents	Method Blank Readings	Units
1,4-Dioxane	< 2.	µg/L
Naphthalene-d8	109.	%

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/12/2004
Sample Matrix: Water
QC Batch ID: 200403413-9A*8270

Samples Affected: 04-03413-9A

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
1,4-Dioxane	SDI	< 2.	84.57	84.97	80.00	80.00	µg/L	0.	30	106.	106.	70 - 130
Naphthalene-d8	MS/MSD									98.	113.	70 - 130

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * FAX (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER
18581 TELLOR AVE., SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/12/2004
Sample Matrix: Water
QC Batch ID: 200403413-9A*8270

Samples Affected: 04-03413-9A

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
1,4-Dioxane	LCSW	94.05	80.00	µg/L	118.	70 - 130
Naphthalene-d8	LCSW				118.	70 - 130

Quality Control Officer

Danette Bohm

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INVOICE NO
179554

BC LABORATORIES, INC.

Client Copy

J.J. Eglin, Reg. Chem. Engr.
4100 Atlas Court, Bakersfield, California 93308 Phone (661) 327-4911; Fax (661) 327-1918

Client No. CMPDB

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
Attn: ACCOUNTS PAYABLE 949-752-5452
IRVINE, CA 92612

PO Number:
Invoice Date: 04/28/2004
Lab Number: 04-03413
Submitted On: 04/05/2004
Submitted By: BC LABORATORIES, INC.

Payment Due: 05/28/2004
Terms: Net 30 days

Quantity	Description of Service	Dept.	Unit	Amount
	1 10500-37240, OMEGA, OCSS-000-01-040504, 04/05/2004 @ 10:15, Mike Hoffman			
	2 10500-37240, OMEGA, OCSS-000-02-040504, 04/05/2004 @ 11:00, Mike Hoffman			
	3 10500-37240, OMEGA, OCSS-000-03-040504, 04/05/2004 @ 11:30, Mike Hoffman			
	4 10500-37240, OMEGA, OCSS-000-05-040504, 04/05/2004 @ 12:15, Mike Hoffman			
	5 10500-37240, OMEGA, OCSS-000-06-040504, 04/05/2004 @ 12:45, Mike Hoffman			
	6 10500-37240, OMEGA, OCSS-000-07-040504, 04/05/2004 @ 13:10, Mike Hoffman			
	7 10500-37240, OMEGA, OCSS-000-08-040504, 04/05/2004 @ 14:15, Mike Hoffman			
	8 10500-37240, OMEGA, OCSS-500-08-040504, 04/05/2004 @ 14:30, Mike Hoffman			
	9 10500-37240, OMEGA, OCSS-700-08-040504, 04/05/2004 @ 15:15, Mike Hoffman			
	1A 10500-37240, OMEGA, OCSS-000-01-040504, 04/05/2004 @ 10:15, Mike Hoffman			
	2A 10500-37240, OMEGA, OCSS-000-02-040504, 04/05/2004 @ 11:00, Mike Hoffman			
	3A 10500-37240, OMEGA, OCSS-000-03-040504, 04/05/2004 @ 11:30, Mike Hoffman			
	4A 10500-37240, OMEGA, OCSS-000-05-040504, 04/05/2004 @ 12:15, Mike Hoffman			
	5A 10500-37240, OMEGA, OCSS-000-06-040504, 04/05/2004 @ 12:45, Mike Hoffman			
	6A 10500-37240, OMEGA, OCSS-000-07-040504, 04/05/2004 @ 13:10, Mike Hoffman			
	7A 10500-37240, OMEGA, OCSS-000-08-040504, 04/05/2004 @ 14:15, Mike Hoffman			
	8A 10500-37240, OMEGA, OCSS-500-08-040504, 04/05/2004 @ 14:30, Mike Hoffman			
	9A 10500-37240, OMEGA, OCSS-700-08-040504, 04/05/2004 @ 15:15, Mike Hoffman			
	ORGANICS: EPA 8081 - Organo-Chlorine Pesticides -		.00	
8	ORGANICS: EPA 8082 - PCB Analysis (Samples 1, 2, 3, 4, 5, 6, 7, 8)	205	135.00	1080.00
1	ORGANICS: EPA 8081 - Organo-Chlorine Pesticides - ORGANICS: EPA 8082 - PCB Analysis (Sample 9)	205	135.00	135.00

Please refer to the invoice number above when making your payment.

This is your invoice - We do not itemize again

INVOICE NO
179554

BC LABORATORIES, INC.

Client Copy

J.J. Eglin, Reg. Chem. Engr.
4100 Atlas Court, Bakersfield, California 93308 Phone (661) 327-4911; Fax (661) 327-1918

Client No. CMPDB

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
Attn: ACCOUNTS PAYABLE 949-752-5452
IRVINE, CA 92612

PO Number:
Invoice Date: 04/28/2004
Lab Number: 04-03413
Submitted On: 04/05/2004
Submitted By: BC LABORATORIES, INC.

Payment Due: 05/28/2004
Terms: Net 30 days

Quantity	Description of Service	Dept.	Unit	Amount
8	ORGANICS: EPA 8270 - Acid Extractable and Base Neutral Organics - (Samples 1, 2, 3, 4, 5, 6, 7, 8)	205	145.00	1160.00
1	ORGANICS: EPA 8270 - Acid Extractable and Base Neutral Organics - (Sample 9)	205	145.00	145.00
8	ORGANICS: EPA 8270 - Acid Extractables & Base Neutrals - (Samples 1A, 2A, 3A, 4A, 5A, 6A, 7A, 8A)	205	135.00	1080.00
1	ORGANICS: EPA 8270 - Acid Extractables & Base Neutrals - (Sample 9A)	205	135.00	135.00
8	TOTAL: 17-Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn) - (Samples 1, 2, 3, 4, 5, 6, 7, 8)	207	125.00	1000.00
1	QC REPORTS: Level IV - (Samples 2, 2A)	214	81.00	81.00
				==========
				$4816.00

Please refer to the invoice number above when making your payment.

This is your invoice - We do not itemize again

BC Laboratories, Inc.

Cover Report

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Project Number: 1
COC Number:
BCL Number: 04-03490

Dear Ms. Wallin:

This report contains the analytical results for the samples received under chain of custody by BC Laboratories, Inc. The samples were logged into the Laboratory Information Management System (LIMS) and BC Lab numbers were assigned to each sample. The result of the temperature check, condition of the samples and any other discrepancies were recorded on the cooler receipt form.

All applicable quality control procedures met method-specific acceptance criteria, except as noted on the following analytical and quality control reports.

This report shall not be reproduced except in full, without written approval of the laboratory.

California DOHS Certification #1186

Authorized Signature

All result listed in this report are for the exclusive use of the submitting party, BC Laboratories, Inc. assumes no responsibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

Chain of Custody Form

PLEASE COMPLETE:
BCL QUOTE ID:

42443

Page 1 of 1

Report To:
Client: CDM
Attn: Sharon Wallin
Street Address: 18581 Teller Ave, #200
City, State, Zip: Irvine, CA 92612
Phone: 949 752-5452 Fax: 752-1307
Email Address: Wallins1@cdm.com
Submittal #: 04-03490

Project #: 10500-37240
Project Name: Omega
Project Code:
Sampler(s): Mike Hoffman

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments:

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Sample #	Description	Date Sampled	Time Sampled	SVOCS	1,4 Dioxane	Pesticides/PCBs (8082)	Metals	Level IV Deliverables	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
1	OC-SS-000-17-040604	4/6/04	8:40	X		X	X		X							HOLD FOR Dioxane
2	-18-		8:55	X		X	X		X							
3	-19-		9:05	X		X	X	X	X							
4	-20-		9:20	X		X	X	X	X							
5	-700-20-		9:50	X	X	X	X						X			
																As by 6010 needs a 0.5 dl

CHK BY: SLC
DISTRIBUTION: SB MA BG MLF
SUB-OUT ☐

Billing ☐ Same as above

Client:
Address:
City: State Zip
Attn:
PO#:

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

	Date	Time		Date	Time
1. Relinquished By: Mike Hoffman	4/6/04	10:15	1. Received By: [signature]	4-6-04	10:15
2. Relinquished By: [signature]	4-6-04	1700	2. Received By: [signature]	4-6-04	1700
3. Relinquished By: [signature]	4-6-04	1935	3. Received By: Courtney Hodgins	4/6/04	1935

04-3490

BC Laboratories, Inc. — Chain of Custody Form

42443

Page 1 of 1

PLEASE COMPLETE BCLQUOTE ID:

Report To: Client: CDM	Project #: 10500-37240
Attn: Sharon Wallin	Project Name: Omega
Street Address: 1658 Teller Ave, #200	Project Code:
City, State, Zip: Irvine, CA 92612	Sampler(s): Mike Hoffman
Phone: 752-5452 Fax: 752-1507	
Email Address: wallins1@cdm.com	
Submittal #: 04-03490	

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments:

Sample #	Description	Date Sampled	Time Sampled	SVOCs	Pesticides	Metals	Level IV	Dissolved Metals	Cr VI by IC	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround * (work days)	Notes
1	OC-55-000-17-040604	4/6/04	8:40	X	X	X			X	X						Normal	HOLD FOR DIOX
2	-18-		8:55	X	X	X				X						Normal	
3	-19-		9:05	X	X	X	X			X						2	
4	-20-		9:20	X	X	X	X			X						2	
5	-700-20-		9:50	X	X	X	X							X		2	
6	000-04-040504	4/5/04	15:45	X	X	X	X				X					2	* As by 6010
7	-12		16:10	X	X	X	X				X					2	* needs a 0.5 dl
8	09		17:00	X		X	X		X		X					2	
9	10		17:20	X		X	X			X	X					2	* Pull TAT for Dioxins (Cal 5 samples)
10	11		17:40	X	X	X	X	X			X					2	*
11	-900-11		17:45	X	X	X	X				X					2	*
12	000-14		17:55	X		X	X				X					2	
13	-15		18:10	X		X	X	X			X					2	
14	-16		18:30	X		X	X				X					2	
	" " -13		18:40	X		X	X				X					2	

Billing

☐ Same as above

Client:

Address:

City: State Zip

Attn:

PO#:

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

	Relinquished By	Date	Time	Received By	Date	Time
1.	Mike Hoffman	4/6/04	10:15		4/6/04	10:15
2.						
3.						

APR-07-04 08:23AM FROM-Camp Dresser & McKee +9497521307 T-766 P.002/003 F-305

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 10 01/21/04 Page ___ Of ___

Submission #: 04-03490 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

☒ COC Received ☐ YES ☐ NO

Ice Chest ID Red Emissivity .95
Temperature: 3.7 °C Container PTG
Thermometer ID: 80

Date/Time 4/6/04 2030
Analyst Init CCH

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS					1					
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080					2,3					
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER					4,5					
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	1,2	1,2	1,2	1,2		1,2	1,2	1,2,3	1,2	1,2
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: OIO Date/Time: 4/7/04 1030

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page ___ Of ___

Submission #: 04-03490 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

☒ COC Received YES ☐ NO

Ice Chest ID Red Temperature: 3.9 °C Thermometer ID: 80 Emissivity .95 Container Pt Pe

Date/Time 4/6/04 2000 Analyst Init _____

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	1, 2	1, 2	1, 2	1, 2	1, 2					
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: OTO Date/Time: 4/7/04 1030

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-17-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-1

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	0.9	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	ND	500.	15.		A01,R01
Arsenic	5.1	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	ND	500	5.0		A01
Barium	160	mg/kg	1	0.080	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	0.41	10000	100.		A01
Beryllium	0.49	mg/kg	1	0.043	SW-6010	04/13/04	04/15/04	21:33	JCC	TJA61E	1.94	167-103044	0.068	75	0.75		A01,R01
Cadmium	1.2	mg/kg	1	0.094	SW-6010	04/13/04	04/15/04	21:33	JCC	TJA61E	1.94	167-103044	0.12	100	1.0		A01
Chromium	20	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	21:33	JCC	TJA61E	1.94	167-103044	0.20	2500	5.0		A01,Q01
Cobalt	9.4	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	ND	8000	80.		A01
Copper	24	mg/kg	2	1	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	1	2500	25.		A01
Lead	5.5	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.031	mg/kg	0.2	0.024	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.919	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	ND	3500	350.		A01
Nickel	23	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	21:33	JCC	TJA61E	1.94	167-103044	0.42	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	ND	500	5.0		A01
Thallium	2	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	ND	700	7.0		A01,R01
Vanadium	44	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	ND	2400.	24.		A01
Zinc	56	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	05:19	JCC	TJA61E	1.94	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-17-040604, 04/06/2004 @ 08:40, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-18-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-2

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	ND	500.	15.		A01
Arsenic	5.5	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Barium	210	mg/kg	1	0.081	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	0.41	10000	100.		A01
Beryllium	0.48	mg/kg	1	0.044	SW-6010	04/13/04	04/15/04	21:40	JCC	TJA61E	1.96	167-103044	0.069	75	0.75		A01,R01
Cadmium	1.3	mg/kg	1	0.095	SW-6010	04/13/04	04/15/04	21:40	JCC	TJA61E	1.96	167-103044	0.12	100	1.0		A01
Chromium	22	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	21:40	JCC	TJA61E	1.96	167-103044	0.21	2500	5.0		A01,Q01
Cobalt	9.5	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	ND	8000	80.		A01
Copper	26	mg/kg	2	1	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	1	2500	25.		A01
Lead	36	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.034	mg/kg	0.2	0.023	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.868	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	ND	3500	350.		A01
Nickel	22	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	21:40	JCC	TJA61E	1.96	167-103044	0.42	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Thallium	1	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	ND	700	7.0		A01,R01
Vanadium	52	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	ND	2400.	24.		A01
Zinc	72	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	05:25	JCC	TJA61E	1.96	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-18-040604, 04/06/2004 @ 08:55, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:05
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-19-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-3

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	0.9	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	ND	500.	15.		A01,R01
Arsenic	5.1	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	ND	500	5.0		A01
Barium	190	mg/kg	1	0.080	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	0.41	10000	100.		A01
Beryllium	0.50	mg/kg	1	0.043	SW-6010	04/13/04	04/15/04	21:46	JCC	TJA61E	1.94	167-103044	0.068	75	0.75		A01,R01
Cadmium	1.2	mg/kg	1	0.094	SW-6010	04/13/04	04/15/04	21:46	JCC	TJA61E	1.94	167-103044	0.12	100	1.0		A01
Chromium	22	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	21:46	JCC	TJA61E	1.94	167-103044	0.20	2500	5.0		A01,Q01
Cobalt	9.0	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	ND	8000	80.		A01
Copper	25	mg/kg	2	1	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	1	2500	25.		A01
Lead	39	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.046	mg/kg	0.2	0.025	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.947	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	ND	3500	350.		A01
Nickel	23	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	21:46	JCC	TJA61E	1.94	167-103044	0.42	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	ND	500	5.0		A01
Thallium	0.9	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	ND	700	7.0		A01,R01
Vanadium	49	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	ND	2400.	24.		A01
Zinc	65	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	05:31	JCC	TJA61E	1.94	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-19-040604, 04/06/2004 @ 09:05, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-20-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-4

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	ND	500.	15.		A01
Arsenic	4	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	ND	500	5.0		A01
Barium	140	mg/kg	1	0.080	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	0.41	10000	100.		A01
Beryllium	0.52	mg/kg	1	0.043	SW-6010	04/13/04	04/15/04	22:19	JCC	TJA61E	1.94	167-103044	0.068	75	0.75		A01,R01
Cadmium	1.4	mg/kg	1	0.094	SW-6010	04/13/04	04/15/04	22:19	JCC	TJA61E	1.94	167-103044	0.12	100	1.0		A01
Chromium	19	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:19	JCC	TJA61E	1.94	167-103044	0.20	2500	5.0		A01,Q01
Cobalt	11	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	ND	8000	80.		A01
Copper	26	mg/kg	2	1	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	1	2500	25.		A01
Lead	8.4	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.030	mg/kg	0.2	0.024	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.893	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	ND	3500	350.		A01
Nickel	25	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	22:19	JCC	TJA61E	1.94	167-103044	0.42	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	ND	500	5.0		A01
Thallium	None Detected	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	ND	700	7.0		A01
Vanadium	40	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	ND	2400.	24.		A01
Zinc	61	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	05:38	JCC	TJA61E	1.94	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-20-040604, 04/06/2004 @ 09:20, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 15:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-04-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-6

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	ND	500.	15.		A01
Arsenic	3	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	ND	500	5.0		A01
Barium	150	mg/kg	1	0.082	SW-6010	04/13/04	04/15/04	06:07	JCC	TJA61E	1.98	167-103044	0.42	10000	100.		A01
Beryllium	0.49	mg/kg	1	0.044	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	0.069	75	0.75		A01,R01
Cadmium	0.86	mg/kg	1	0.096	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	0.12	100	1.0		A01,R01
Chromium	13	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	0.21	2500	5.0		A01,Q01
Cobalt	8.8	mg/kg	5	0.13	SW-6010	04/13/04	04/15/04	06:07	JCC	TJA61E	1.98	167-103044	ND	8000	80.		A01
Copper	23	mg/kg	2	1	SW-6010	04/13/04	04/15/04	06:07	JCC	TJA61E	1.98	167-103044	1	2500	25.		A01
Lead	5.0	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	0.2	1000	5.0		A01,R01,Q01
Mercury	0.029	mg/kg	0.2	0.023	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.868	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	06:07	JCC	TJA61E	1.98	167-103044	ND	3500	350.		A01
Nickel	17	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	0.43	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	ND	500	5.0		A01
Thallium	None Detected	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	22:25	JCC	TJA61E	1.98	167-103044	ND	700	7.0		A01
Vanadium	35	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	06:07	JCC	TJA61E	1.98	167-103044	ND	2400.	24.		A01
Zinc	54	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	06:07	JCC	TJA61E	1.98	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-04-040504, 04/05/2004 @ 15:45, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

California DOHS Certification #1186

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SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 16:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-12-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-7

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	ND	500.	15.		A01
Arsenic	5	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	ND	500	5.0		A01
Barium	170	mg/kg	1	0.082	SW-6010	04/13/04	04/15/04	06:13	JCC	TJA61E	1.98	167-103044	0.42	10000	100.		A01
Beryllium	0.50	mg/kg	1	0.044	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	0.069	75	0.75		A01,R01
Cadmium	0.98	mg/kg	1	0.096	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	0.12	100	1.0		A01,R01
Chromium	100	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	0.21	2500	5.0		A01,Q01
Cobalt	9.0	mg/kg	5	0.13	SW-6010	04/13/04	04/15/04	06:13	JCC	TJA61E	1.98	167-103044	ND	8000	80.		A01
Copper	24	mg/kg	2	1	SW-6010	04/13/04	04/15/04	06:13	JCC	TJA61E	1.98	167-103044	1	2500	25.		A01
Lead	15	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.12	mg/kg	0.2	0.025	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.947	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	06:13	JCC	TJA61E	1.98	167-103044	ND	3500	350.		A01
Nickel	19	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	0.43	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	ND	500	5.0		A01
Thallium	0.9	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	22:32	JCC	TJA61E	1.98	167-103044	ND	700	7.0		A01,R01
Vanadium	51	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	06:13	JCC	TJA61E	1.98	167-103044	ND	2400.	24.		A01
Zinc	65	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	06:13	JCC	TJA61E	1.98	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-12-040504, 04/05/2004 @ 16:10, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-09-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-8

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	500.	15.		A01
Arsenic	5.5	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Barium	170	mg/kg	1	0.081	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	0.41	10000	100.		A01
Beryllium	0.47	mg/kg	1	0.044	SW-6010	04/13/04	04/15/04	20:45	JCC	TJA61E	1.96	167-103044	0.069	75	0.75		A01,R01
Cadmium	1.2	mg/kg	1	0.095	SW-6010	04/13/04	04/15/04	20:45	JCC	TJA61E	1.96	167-103044	0.12	100	1.0		A01
Chromium	360	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	20:45	JCC	TJA61E	1.96	167-103044	0.21	2500	5.0		A01,Q01
Cobalt	8.7	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	8000	80.		A01
Copper	24	mg/kg	2	1	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	2500	25.		A01
Lead	22	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.060	mg/kg	0.2	0.024	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.893	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	3500	350.		A01
Nickel	22	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	20:45	JCC	TJA61E	1.96	167-103044	0.42	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Thallium	1	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	700	7.0		A01,R01
Vanadium	44	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	2400.	24.		A01
Zinc	66	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	04:52	JCC	TJA61E	1.96	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-09-040504, 04/05/2004 @ 17:00, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-10-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-9

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	ND	500.	15.		A01
Arsenic	4	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Barium	140	mg/kg	1	0.081	SW-6010	04/13/04	04/15/04	06:20	JCC	TJA61E	1.96	167-103044	0.41	10000	100.		A01
Beryllium	0.45	mg/kg	1	0.044	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	0.069	75	0.75		A01,R01
Cadmium	0.85	mg/kg	1	0.095	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	0.12	100	1.0		A01,R01
Chromium	15	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	0.21	2500	5.0		A01,Q01
Cobalt	7.2	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	06:20	JCC	TJA61E	1.96	167-103044	ND	8000	80.		A01
Copper	20	mg/kg	2	1	SW-6010	04/13/04	04/15/04	06:20	JCC	TJA61E	1.96	167-103044	1	2500	25.		A01
Lead	11	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.048	mg/kg	0.2	0.026	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.977	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	06:20	JCC	TJA61E	1.96	167-103044	ND	3500	350.		A01
Nickel	17	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	0.42	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Thallium	1.7	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	22:38	JCC	TJA61E	1.96	167-103044	ND	700	7.0		A01,R01
Vanadium	36	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	06:20	JCC	TJA61E	1.96	167-103044	ND	2400.	24.		A01
Zinc	52	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	06:20	JCC	TJA61E	1.96	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-10-040504, 04/05/2004 @ 17:20, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-10

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	ND	500.	15.		A01
Arsenic	6.2	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	ND	500	5.0		A01
Barium	160	mg/kg	1	0.082	SW-6010	04/13/04	04/15/04	06:26	JCC	TJA61E	1.98	167-103044	0.42	10000	100.		A01
Beryllium	0.49	mg/kg	1	0.044	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	0.069	75	0.75		A01,R01
Cadmium	1.2	mg/kg	1	0.096	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	0.12	100	1.0		A01
Chromium	18	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	0.21	2500	5.0		A01,Q01
Cobalt	8.3	mg/kg	5	0.13	SW-6010	04/13/04	04/15/04	06:26	JCC	TJA61E	1.98	167-103044	ND	8000	80.		A01
Copper	23	mg/kg	2	1	SW-6010	04/13/04	04/15/04	06:26	JCC	TJA61E	1.98	167-103044	1	2500	25.		A01
Lead	27	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.057	mg/kg	0.2	0.026	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.977	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	06:26	JCC	TJA61E	1.98	167-103044	ND	3500	350.		A01
Nickel	22	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	0.43	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	ND	500	5.0		A01
Thallium	1.2	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	22:45	JCC	TJA61E	1.98	167-103044	ND	700	7.0		A01,R01
Vanadium	37	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	06:26	JCC	TJA61E	1.98	167-103044	ND	2400.	24.		A01
Zinc	57	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	06:26	JCC	TJA61E	1.98	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-11-040504, 04/05/2004 @ 17:40, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-500-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-11

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	ND	500.	15.		A01
Arsenic	4	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	ND	500	5.0		A01
Barium	150	mg/kg	1	0.079	SW-6010	04/13/04	04/15/04	06:33	JCC	TJA61E	1.9	167-103044	0.40	10000	100.		A01
Beryllium	0.48	mg/kg	1	0.042	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	0.067	75	0.75		A01,R01
Cadmium	0.95	mg/kg	1	0.092	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	0.11	100	1.0		A01,R01
Chromium	17	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	0.20	2500	5.0		A01,Q01
Cobalt	8.2	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	06:33	JCC	TJA61E	1.9	167-103044	ND	8000	80.		A01
Copper	23	mg/kg	2	1	SW-6010	04/13/04	04/15/04	06:33	JCC	TJA61E	1.9	167-103044	1	2500	25.		A01
Lead	22	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.055	mg/kg	0.2	0.025	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.947	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	06:33	JCC	TJA61E	1.9	167-103044	ND	3500	350.		A01
Nickel	18	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	0.41	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	ND	500	5.0		A01
Thallium	None Detected	mg/kg	10	0.7	SW-6010	04/13/04	04/15/04	22:51	JCC	TJA61E	1.9	167-103044	ND	700	7.0		A01
Vanadium	42	mg/kg	1	0.10	SW-6010	04/13/04	04/15/04	06:33	JCC	TJA61E	1.9	167-103044	ND	2400.	24.		A01
Zinc	58	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	06:33	JCC	TJA61E	1.9	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-500-11-040504, 04/05/2004 @ 17:45, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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IRVINE, CA 92612
Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-14-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-12

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	ND	500.	15.		A01
Arsenic	5.8	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Barium	160	mg/kg	1	0.081	SW-6010	04/13/04	04/15/04	06:39	JCC	TJA61E	1.96	167-103044	0.41	10000	100.		A01
Beryllium	0.47	mg/kg	1	0.044	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	0.069	75	0.75		A01,R01
Cadmium	1.1	mg/kg	1	0.095	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	0.12	100	1.0		A01
Chromium	30	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	0.21	2500	5.0		A01,Q01
Cobalt	8.0	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	06:39	JCC	TJA61E	1.96	167-103044	ND	8000	80.		A01
Copper	26	mg/kg	2	1	SW-6010	04/13/04	04/15/04	06:39	JCC	TJA61E	1.96	167-103044	1	2500	25.		A01
Lead	41	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.076	mg/kg	0.2	0.025	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.947	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	06:39	JCC	TJA61E	1.96	167-103044	ND	3500	350.		A01
Nickel	20	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	0.42	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Thallium	None Detected	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	22:57	JCC	TJA61E	1.96	167-103044	ND	700	7.0		A01
Vanadium	35	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	06:39	JCC	TJA61E	1.96	167-103044	ND	2400.	24.		A01
Zinc	78	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	06:39	JCC	TJA61E	1.96	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-14-040504, 04/05/2004 @ 17:55, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-15-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-13

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	ND	500.	15.		A01
Arsenic	4	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Barium	91	mg/kg	1	0.081	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	0.41	10000	100.		A01
Beryllium	0.36	mg/kg	1	0.044	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	0.069	75	0.75		A01,R01
Cadmium	0.70	mg/kg	1	0.095	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	0.12	100	1.0		A01,R01
Chromium	19	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	0.21	2500	5.0		A01,Q01
Cobalt	6.6	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	ND	8000	80.		A01
Copper	24	mg/kg	2	1	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	1	2500	25.		A01
Lead	78	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.17	mg/kg	0.2	0.024	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.893	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	ND	3500	350.		A01
Nickel	13	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	0.42	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	ND	500	5.0		A01
Thallium	1.6	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	ND	700	7.0		A01,R01
Vanadium	29	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	ND	2400.	24.		A01
Zinc	68	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	23:04	JCC	TJA61E	1.96	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-15-040504, 04/05/2004 @ 18:10, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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Attn: SHARON WALLIN

Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-16-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-14

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria *	Lab Quals
Antimony	None Detected	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	ND	500.	15.	A01
Arsenic	6.1	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	ND	500	5.0	A01
Barium	150	mg/kg	1	0.079	SW-6010	04/13/04	04/15/04	06:52	JCC	TJA61E	1.9	167-103044	0.40	10000	100.	A01
Beryllium	0.44	mg/kg	1	0.042	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	0.067	75	0.75	A01,R01
Cadmium	1.3	mg/kg	1	0.092	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	0.11	100	1.0	A01
Chromium	18	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	0.20	2500	5.0	A01,Q01
Cobalt	8.7	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	06:52	JCC	TJA61E	1.9	167-103044	ND	8000	80.	A01
Copper	29	mg/kg	2	1	SW-6010	04/13/04	04/15/04	06:52	JCC	TJA61E	1.9	167-103044	1	2500	25.	A01
Lead	64	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	0.2	1000	5.0	A01,Q01
Mercury	0.20	mg/kg	0.2	0.024	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.893	166-100923	ND	20	0.2	R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	06:52	JCC	TJA61E	1.9	167-103044	ND	3500	350.	A01
Nickel	20	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	0.41	2000	20.	A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	ND	100.	1.0	A01
Silver	None Detected	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	ND	500	5.0	A01
Thallium	None Detected	mg/kg	10	0.7	SW-6010	04/13/04	04/15/04	23:10	JCC	TJA61E	1.9	167-103044	ND	700	7.0	A01
Vanadium	39	mg/kg	1	0.10	SW-6010	04/13/04	04/15/04	06:52	JCC	TJA61E	1.9	167-103044	ND	2400.	24.	A01
Zinc	79	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	06:52	JCC	TJA61E	1.9	167-103044	ND	5000	250.	A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-16-040504, 04/05/2004 @ 18:30, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

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Total Concentrations (TTLC)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-13-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**Title 22 Waste Type**	Type i: Millable Solid - No Free Liquid
		BCL Sample ID	04-03490-15

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	TTLC Criteria	STLC Criteria	*	Lab Quals
Antimony	0.7	mg/kg	10	0.6	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	ND	500.	15.		A01,R01
Arsenic	7.7	mg/kg	1	0.4	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	ND	500	5.0		A01
Barium	190	mg/kg	1	0.080	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	0.41	10000	100.		A01
Beryllium	0.50	mg/kg	1	0.043	SW-6010	04/13/04	04/15/04	23:17	JCC	TJA61E	1.94	167-103044	0.068	75	0.75		A01,R01
Cadmium	1.4	mg/kg	1	0.094	SW-6010	04/13/04	04/15/04	23:17	JCC	TJA61E	1.94	167-103044	0.12	100	1.0		A01
Chromium	25	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	23:17	JCC	TJA61E	1.94	167-103044	0.20	2500	5.0		A01,Q01
Cobalt	9.3	mg/kg	5	0.12	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	ND	8000	80.		A01
Copper	29	mg/kg	2	1	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	1	2500	25.		A01
Lead	60	mg/kg	5	0.2	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	0.2	1000	5.0		A01,Q01
Mercury	0.079	mg/kg	0.2	0.024	SW-7471	04/15/04	04/15/04	15:00	DIW	LDC1	0.893	166-100923	ND	20	0.2		R01
Molybdenum	None Detected	mg/kg	5	3	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	ND	3500	350.		A01
Nickel	22	mg/kg	1	0.12	SW-6010	04/13/04	04/15/04	23:17	JCC	TJA61E	1.94	167-103044	0.42	2000	20.		A01
Selenium	None Detected	mg/kg	1	0.5	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	ND	100.	1.0		A01
Silver	None Detected	mg/kg	1	0.13	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	ND	500	5.0		A01
Thallium	2	mg/kg	10	0.8	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	ND	700	7.0		A01,R01
Vanadium	47	mg/kg	1	0.11	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	ND	2400.	24.		A01
Zinc	86	mg/kg	5	2.2	SW-6010	04/13/04	04/15/04	02:43	JCC	TJA61E	1.94	167-103044	ND	5000	250.		A01,Q01

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Total Concentrations (TTLC)

Sample Description	10500-37240, OMEGA, OC-SS-000-13-040504, 04/05/2004 @ 18:40, MIKE HOFFMAN

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.
Q01	Sample precision is not within the control limits.
R01	The sample result is between the MDL and PQL.

California DOHS Certification #1186

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-17-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-1

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.0005	0.000085	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
alpha-BHC	None Detected	mg/kg	0.0005	0.000071	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
beta-BHC	None Detected	mg/kg	0.005	0.001079	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
delta-BHC	None Detected	mg/kg	0.0005	0.000151	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
gamma-BHC (Lindane)	None Detected	mg/kg	0.0005	0.000053	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
Chlordane (Technical)	None Detected	mg/kg	0.01	0.005	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
4,4'-DDD	None Detected	mg/kg	0.0005	0.000092	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			V11
4,4'-DDE	None Detected	mg/kg	0.0005	0.000097	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
4,4'-DDT	None Detected	mg/kg	0.0005	0.000189	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			V11
Dieldrin	None Detected	mg/kg	0.0005	0.000060	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
Endosulfan I	None Detected	mg/kg	0.0005	0.000082	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
Endosulfan II	None Detected	mg/kg	0.0005	0.000157	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
Endosulfan sulfate	None Detected	mg/kg	0.0005	0.000073	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			V11
Endrin	None Detected	mg/kg	0.0005	0.000060	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			V11
Endrin aldehyde	None Detected	mg/kg	0.0005	0.000203	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
Heptachlor	None Detected	mg/kg	0.0005	0.000098	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
Heptachlor epoxide	None Detected	mg/kg	0.0005	0.000069	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
Methoxychlor	None Detected	mg/kg	0.0005	0.000060	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			V11
Toxaphene	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-17-040604, 04/06/2004 @ 08:40, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	60	%	35-140	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			
Dibutyl chlorendate	59	%	36-149	8081	04/09/04	04/15/04	09:28	SAM	GC-1	1			V11

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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CAMP DRESSER & MCKEE INC.
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IRVINE, CA 92612
Attn: SHARON WALLIN

Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-18-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-2

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			V11
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-18-040604, 04/06/2004 @ 08:55, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	69	%	35-140	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			
Dibutyl chlorendate	56	%	36-149	8081	04/09/04	04/15/04	01:54	SAM	GC-1	10			V11

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:05
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-19-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-3

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			V11
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-19-040604, 04/06/2004 @ 09:05, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	71	%	35-140	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			
Dibutyl chlorendate	63	%	36-149	8081	04/09/04	04/15/04	10:20	SAM	GC-1	10			V11

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-20-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-4

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.05	0.008	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
alpha-BHC	None Detected	mg/kg	0.05	0.007	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
beta-BHC	None Detected	mg/kg	0.5	0.107	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
delta-BHC	None Detected	mg/kg	0.05	0.015	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
gamma-BHC (Lindane)	None Detected	mg/kg	0.05	0.005	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
Chlordane (Technical)	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
4,4'-DDD	None Detected	mg/kg	0.05	0.009	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			V11
4,4'-DDE	None Detected	mg/kg	0.05	0.009	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
4,4'-DDT	None Detected	mg/kg	0.05	0.018	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			V11
Dieldrin	None Detected	mg/kg	0.05	0.006	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
Endosulfan I	None Detected	mg/kg	0.05	0.008	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
Endosulfan II	None Detected	mg/kg	0.05	0.015	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
Endosulfan sulfate	None Detected	mg/kg	0.05	0.007	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			V11
Endrin	None Detected	mg/kg	0.05	0.006	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			V11
Endrin aldehyde	None Detected	mg/kg	0.05	0.020	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
Heptachlor	None Detected	mg/kg	0.05	0.009	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
Heptachlor epoxide	None Detected	mg/kg	0.05	0.006	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			
Methoxychlor	None Detected	mg/kg	0.05	0.006	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			V11
Toxaphene	None Detected	mg/kg	10	5	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-20-040604, 04/06/2004 @ 09:20, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	None Detected	%	32-140	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			A18
Dibutyl chlorendate	59	%	36-149	8081	04/09/04	04/15/04	10:46	SAM	GC-1	100			V11

Flag	Explanations
A18	Surrogate not reportable due to matrix interference.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:50
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-700-20-040604	**Sample Matrix**	Water
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-5

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	ug/L	0.005	0.0015	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
alpha-BHC	None Detected	ug/L	0.005	0.0008	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
beta-BHC	None Detected	ug/L	0.005	0.0011	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
delta-BHC	None Detected	ug/L	0.005	0.0008	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
gamma-BHC (Lindane)	None Detected	ug/L	0.005	0.0009	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Chlordane (Technical)	None Detected	ug/L	1.	0.42	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
4,4'-DDD	None Detected	ug/L	0.005	0.0011	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
4,4'-DDE	None Detected	ug/L	0.005	0.0009	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
4,4'-DDT	None Detected	ug/L	0.005	0.0017	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Dieldrin	None Detected	ug/L	0.005	0.0014	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Endosulfan I	None Detected	ug/L	0.005	0.0011	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			V01
Endosulfan II	None Detected	ug/L	0.005	0.0012	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Endosulfan sulfate	None Detected	ug/L	0.005	0.0011	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Endrin	None Detected	ug/L	0.005	0.0015	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Endrin aldehyde	None Detected	ug/L	0.01	0.0034	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Heptachlor	None Detected	ug/L	0.005	0.0006	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Heptachlor epoxide	None Detected	ug/L	0.005	0.0009	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			V01
Methoxychlor	None Detected	ug/L	0.01	0.0009	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Toxaphene	None Detected	ug/L	1.	0.36	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-700-20-040604, 04/06/2004 @ 09:50, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	73	%	57-127	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			
Dibutyl chlorendate	59	%	56-160	8081	04/10/04	04/18/04	00:06	SAM	GC-1	1			

Flag	Explanations
V01	The Initial Calibration Verification (ICV) recovery is not within established control limits.

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 15:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-04-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-6

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.5	0.0107	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			V11
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-04-040504, 04/05/2004 @ 15:45, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	37	%	35-140	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			
Dibutyl chlorendate	45	%	36-149	8081	04/09/04	04/15/04	11:12	SAM	GC-1	10			V11

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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IRVINE, CA 92612
Attn: SHARON WALLIN

Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 16:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-12-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-7

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
4,4'-DDD	0.0016	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			V11
4,4'-DDE	0.0036	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			V11
4,4'-DDT	0.0030	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			V11
Dieldrin	0.0084	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			V11
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-12-040504, 04/05/2004 @ 16:10, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	71	%	35-140	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			
Dibutyl chlorendate	76	%	36-149	8081	04/09/04	04/15/04	17:14	SAM	GC-1	10			V11

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-09-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-8

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
4,4'-DDE	0.0017	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
4,4'-DDT	0.0035	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-09-040504, 04/05/2004 @ 17:00, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	83	%	35-140	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			
Dibutyl chlorendate	67	%	36-149	8081	04/09/04	04/15/04	04:37	SAM	GC-1	10			

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-10-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-9

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			V11
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			V11
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			V11
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-10-040504, 04/05/2004 @ 17:20, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	47	%	35-140	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			
Dibutyl chlorendate	53	%	36-149	8081	04/09/04	04/15/04	17:40	SAM	GC-1	10			V11

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-10

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			V11
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			V11
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			V11
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			

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BC Laboratories, Inc

Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-11-040504, 04/05/2004 @ 17:40, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	15	%	35-140	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			V11,S09
Dibutyl chlorendate	27	%	36-149	8081	04/09/04	04/15/04	18:06	SAM	GC-1	10			V11,S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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BC Laboratories, Inc

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-500-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-11

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			V11
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			V11
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			V11
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-500-11-040504, 04/05/2004 @ 17:45, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	36	%	35-140	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			
Dibutyl chlorendate	35	%	36-149	8081	04/09/04	04/15/04	18:32	SAM	GC-1	10			V11, S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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Attn: SHARON WALLIN

Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-14-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-12

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			V11
4,4'-DDT	0.012	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			V11
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			V11
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-14-040504, 04/05/2004 @ 17:55, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	39	%	35-140	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			
Dibutyl chlorendate	37	%	36-149	8081	04/09/04	04/15/04	19:24	SAM	GC-1	10			V11

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-15-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-13

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
4,4'-DDD	0.032	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			V11
4,4'-DDE	0.30	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			V11
4,4'-DDT	0.10	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			V11
Dieldrin	0.050	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			V11
Endrin	0.032	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			V11
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-15-040504, 04/05/2004 @ 18:10, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	55	%	35-140	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			
Dibutyl chlorendate	43	%	36-149	8081	04/09/04	04/15/04	19:50	SAM	GC-1	10			V11

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-16-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-14

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
Chlordane (Technical)	None Detected	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			V11
4,4'-DDT	0.15	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			V11
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			V11
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-16-040504, 04/05/2004 @ 18:30, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	43	%	35-140	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			
Dibutyl chlorendate	94	%	36-149	8081	04/09/04	04/15/04	20:16	SAM	GC-1	10			V11

Flag	Explanations
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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Organochlorine Pesticides (EPA Method 8081)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-13-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-15

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Aldrin	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
alpha-BHC	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
beta-BHC	None Detected	mg/kg	0.05	0.0107	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
delta-BHC	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
gamma-BHC (Lindane)	None Detected	mg/kg	0.005	0.0005	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
Chlordane (Technical)	0.036	mg/kg	0.1	0.05	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
4,4'-DDD	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			V11
4,4'-DDE	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			V11
4,4'-DDT	None Detected	mg/kg	0.005	0.0018	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			V11
Dieldrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
Endosulfan I	None Detected	mg/kg	0.005	0.0008	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
Endosulfan II	None Detected	mg/kg	0.005	0.0015	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
Endosulfan sulfate	None Detected	mg/kg	0.005	0.0007	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			V11
Endrin	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			V11
Endrin aldehyde	None Detected	mg/kg	0.005	0.0020	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			V11
Heptachlor	None Detected	mg/kg	0.005	0.0009	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
Heptachlor epoxide	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
Methoxychlor	None Detected	mg/kg	0.005	0.0006	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			V11
Toxaphene	None Detected	mg/kg	1	0.5	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			

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Organochlorine Pesticides (EPA Method 8081)

Sample Description	10500-37240, OMEGA, OC-SS-000-13-040504, 04/05/2004 @ 18:40, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
TCMX	41	%	35-140	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			
Dibutyl chlorendate	33	%	36-149	8081	04/09/04	04/15/04	20:42	SAM	GC-1	10			V11,S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Comments

PQL's were raised due to matrix interference.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-17-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-1

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	18:54	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	18:54	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	18:54	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	18:54	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	18:54	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	18:54	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	18:54	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	18:54	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	36	%	29-130	8082	04/09/04	04/13/04	18:54	SAM	GC-6	1			

Flag	Explanations
Q02	Matrix spike precision is not within the control limits.

California DOHS Certification #1186

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-18-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-2

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	19:19	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	19:19	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	19:19	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	19:19	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	19:19	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	19:19	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	19:19	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	19:19	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	59	%	29-130	8082	04/09/04	04/13/04	19:19	SAM	GC-6	1			

Flag	Explanations
Q02	Matrix spike precision is not within the control limits.

California DOHS Certification #1186

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Attn: SHARON WALLIN

PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:05
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-19-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-3

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	19:49	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	19:49	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	19:49	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	19:49	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	19:49	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	19:49	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	19:49	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	19:49	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	47	%	29-130	8082	04/09/04	04/13/04	19:49	SAM	GC-6	1			

Flag	Explanations
Q02	Matrix spike precision is not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-20-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-4

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	20:09	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	20:09	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	20:09	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	20:09	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	20:09	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	20:09	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	20:09	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	20:09	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	54	%	29-130	8082	04/09/04	04/13/04	20:09	SAM	GC-6	1			

Flag	Explanations
Q02	Matrix spike precision is not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:50
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-700-20-040604	**Sample Matrix**	Water
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-5

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	ug/L	0.2	0.024	8082	04/09/04	04/12/04	19:57	SAM	GC-6	1			
PCB-1221	None Detected	ug/L	0.2	0.089	8082	04/09/04	04/12/04	19:57	SAM	GC-6	1			
PCB-1232	None Detected	ug/L	0.2	0.09	8082	04/09/04	04/12/04	19:57	SAM	GC-6	1			
PCB-1242	None Detected	ug/L	0.2	0.095	8082	04/09/04	04/12/04	19:57	SAM	GC-6	1			
PCB-1248	None Detected	ug/L	0.2	0.025	8082	04/09/04	04/12/04	19:57	SAM	GC-6	1			
PCB-1254	None Detected	ug/L	0.2	0.042	8082	04/09/04	04/12/04	19:57	SAM	GC-6	1			
PCB-1260	None Detected	ug/L	0.2	0.079	8082	04/09/04	04/12/04	19:57	SAM	GC-6	1			
Total PCB's (Summation)	None Detected	ug/L	0.2	0.1	8082	04/09/04	04/12/04	19:57	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	29	%	42-144	8082	04/09/04	04/12/04	19:57	SAM	GC-6	1			S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 15:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-04-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-6

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	21:48	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	21:48	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	21:48	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	21:48	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	21:48	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	21:48	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	21:48	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	21:48	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	28	%	29-130	8082	04/09/04	04/13/04	21:48	SAM	GC-6	1			S09,A20

Flag	Explanations
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 16:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-12-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-7

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	22:13	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	22:13	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	22:13	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	22:13	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	22:13	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	22:13	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	22:13	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	22:13	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	37	%	29-130	8082	04/09/04	04/13/04	22:13	SAM	GC-6	1			

Flag	Explanations
Q02	Matrix spike precision is not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-09-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-8

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	16:16	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	16:16	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	16:16	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	16:16	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	16:16	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	16:16	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	16:16	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	16:16	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	26	%	29-130	8082	04/09/04	04/13/04	16:16	SAM	GC-6	1			S09,A20

Flag	Explanations
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-10-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-9

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	22:38	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	22:38	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	22:38	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	22:38	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	22:38	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	22:38	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	22:38	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	22:38	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	28	%	29-130	8082	04/09/04	04/13/04	22:38	SAM	GC-6	1			A20,S09

Flag	Explanations
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-10

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	23:03	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	23:03	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	23:03	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	23:03	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	23:03	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	23:03	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	23:03	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	23:03	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	23	%	29-130	8082	04/09/04	04/13/04	23:03	SAM	GC-6	1			A20,S09

Flag	Explanations
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-500-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-11

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/13/04	23:28	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/13/04	23:28	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/13/04	23:28	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/13/04	23:28	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/13/04	23:28	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/13/04	23:28	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/13/04	23:28	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/13/04	23:28	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	16	%	29-130	8082	04/09/04	04/13/04	23:28	SAM	GC-6	1			A20,S09

Flag	Explanations
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-14-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-12

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/14/04	00:17	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/14/04	00:17	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/14/04	00:17	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/14/04	00:17	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/14/04	00:17	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/14/04	00:17	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/14/04	00:17	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/14/04	00:17	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	28	%	29-130	8082	04/09/04	04/14/04	00:17	SAM	GC-6	1			A20,S09

Flag	Explanations
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

California DOHS Certification #1186

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SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-15-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-13

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/14/04	00:42	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/14/04	00:42	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/14/04	00:42	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/14/04	00:42	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/14/04	00:42	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/14/04	00:42	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/14/04	00:42	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/14/04	00:42	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	27	%	21-160	8082	04/09/04	04/14/04	00:42	SAM	GC-6	1			A20,S09

Flag	Explanations
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-16-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-14

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/14/04	01:07	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/14/04	01:07	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/14/04	01:07	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/14/04	01:07	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/14/04	01:07	SAM	GC-6	1			
PCB-1254	0.50	mg/kg	0.05	0.0009	8082	04/09/04	04/15/04	19:49	SAM	GC-6	5			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/14/04	01:07	SAM	GC-6	1			Q02
Total PCB's (Summation)	0.50	mg/kg	0.01	0.005	8082	04/09/04	04/14/04	01:07	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	19	%	29-130	8082	04/09/04	04/14/04	01:07	SAM	GC-6	1			S09,A20

Flag	Explanations
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

Comments

PQL's were raised due to high concentration of target analytes requiring sample dilution.

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PCB Analysis (EPA Method 8082)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-13-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-15

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
PCB-1016	None Detected	mg/kg	0.01	0.0015	8082	04/09/04	04/14/04	01:32	SAM	GC-6	1			
PCB-1221	None Detected	mg/kg	0.01	0.0055	8082	04/09/04	04/14/04	01:32	SAM	GC-6	1			
PCB-1232	None Detected	mg/kg	0.01	0.0027	8082	04/09/04	04/14/04	01:32	SAM	GC-6	1			
PCB-1242	None Detected	mg/kg	0.01	0.0021	8082	04/09/04	04/14/04	01:32	SAM	GC-6	1			
PCB-1248	None Detected	mg/kg	0.01	0.0026	8082	04/09/04	04/14/04	01:32	SAM	GC-6	1			
PCB-1254	None Detected	mg/kg	0.01	0.0009	8082	04/09/04	04/14/04	01:32	SAM	GC-6	1			
PCB-1260	None Detected	mg/kg	0.01	0.0019	8082	04/09/04	04/14/04	01:32	SAM	GC-6	1			Q02
Total PCB's (Summation)	None Detected	mg/kg	0.01	0.005	8082	04/09/04	04/14/04	01:32	SAM	GC-6	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Decachlorobiphenyl	23	%	29-130	8082	04/09/04	04/14/04	01:32	SAM	GC-6	1			A20,S09

Flag	Explanations
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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BC Laboratories, Inc

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-17-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-1

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.1	0.0087	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0091	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Aldrin	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.028	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.00096	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06,V11
Benzoic acid	None Detected	mg/kg	0.5	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	0.2	0.022	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-17-040604, 04/06/2004 @ 08:40, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Chrysene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.1	0.032	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06,V11
Dibenzofuran	None Detected	mg/kg	0.1	0.0084	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0063	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.1	0.038	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.1	0.017	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.1	0.0072	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Fluorene	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	V11

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-17-040604, 04/06/2004 @ 08:40, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06,V11
Isophorone	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.063	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0080	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	V11
Nitrobenzene	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Pyrene	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0086	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.1	0.0078	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.019	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.015	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.1	0.019	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.2	0.0081	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
Phenol	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.0097	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0080	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-17-040604, 04/06/2004 @ 08:40, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	65	%	25-121	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663		
Phenol-d5	73	%	24-113	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663		
Nitrobenzene-d5	69	%	23-120	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663		
2-Fluorobiphenyl	55	%	30-115	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663		
2,4,6-Tribromophenol	73	%	19-122	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663		
p-Terphenyl-d14	65	%	18-137	8270	04/08/04	04/13/04	04:58	SKC	MS-B2	0.957	290-100663		M06

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

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18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-18-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-2

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.09	0.0080	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0084	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Aldrin	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.026	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Anthracene	None Detected	mg/kg	0.09	0.0098	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.00089	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.09	0.0092	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.09	0.0087	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.09	0.0099	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.09	0.016	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06,V11
Benzoic acid	None Detected	mg/kg	0.5	0.0099	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.09	0.0096	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.09	0.01	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.09	0.0083	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.09	0.0084	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.09	0.0085	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.09	0.0095	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.09	0.0090	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.09	0.011	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	0.2	0.021	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-18-040604, 04/06/2004 @ 08:55, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.09	0.0092	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.09	0.0082	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.0094	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Chrysene	None Detected	mg/kg	0.09	0.0095	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.09	0.0089	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.09	0.03	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.09	0.0098	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.09	0.017	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06,V11
Dibenzofuran	None Detected	mg/kg	0.09	0.0077	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.09	0.011	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.09	0.0092	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.09	0.01	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.09	0.0092	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0058	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.09	0.035	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.09	0.016	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.09	0.0082	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.09	0.0096	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.09	0.013	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.09	0.0067	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.5	0.016	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.09	0.0098	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Fluorene	None Detected	mg/kg	0.09	0.0088	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.09	0.014	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.09	0.011	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.09	0.0096	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.09	0.0097	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	V11

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-18-040604, 04/06/2004 @ 08:55, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.09	0.011	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06,V11
Isophorone	None Detected	mg/kg	0.09	0.0087	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.09	0.0095	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.09	0.0089	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.058	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.09	0.01	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.09	0.0093	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0074	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	V11
Nitrobenzene	None Detected	mg/kg	0.09	0.0088	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.09	0.013	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.09	0.0090	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.09	0.0098	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.09	0.0090	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Pyrene	None Detected	mg/kg	0.09	0.0090	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.09	0.0086	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0079	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.09	0.0082	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.09	0.0072	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.09	0.013	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.014	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.09	0.0085	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.09	0.018	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.09	0.013	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.2	0.0075	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
Phenol	None Detected	mg/kg	0.09	0.0099	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.0090	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0074	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-18-040604, 04/06/2004 @ 08:55, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	68	%	25-121	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663		
Phenol-d5	74	%	24-113	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663		
Nitrobenzene-d5	72	%	23-120	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663		
2-Fluorobiphenyl	65	%	30-115	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663		
2,4,6-Tribromophenol	87	%	19-122	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663		
p-Terphenyl-d14	74	%	18-137	8270	04/08/04	04/13/04	05:41	SKC	MS-B2	0.882	290-100663		M06

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:05
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-19-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-3

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.1	0.0086	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0091	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Aldrin	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.028	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.00096	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06,V11
Benzoic acid	None Detected	mg/kg	0.5	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	0.2	0.022	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-19-040604, 04/06/2004 @ 09:05, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.1	0.0088	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Chrysene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.1	0.032	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06,V11
Dibenzofuran	None Detected	mg/kg	0.1	0.0083	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0062	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.1	0.038	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.1	0.017	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.1	0.0088	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.1	0.0072	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Fluorene	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	V11

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-19-040604, 04/06/2004 @ 09:05, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06,V11
Isophorone	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.062	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0079	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	V11
Nitrobenzene	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Pyrene	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0085	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.1	0.0088	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.1	0.0077	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.019	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.015	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.1	0.019	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.2	0.0080	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
Phenol	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.0096	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0079	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-19-040604, 04/06/2004 @ 09:05, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	62	%	25-121	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663		
Phenol-d5	72	%	24-113	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663		
Nitrobenzene-d5	69	%	23-120	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663		
2-Fluorobiphenyl	66	%	30-115	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663		
2,4,6-Tribromophenol	83	%	19-122	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663		
p-Terphenyl-d14	81	%	18-137	8270	04/08/04	04/13/04	06:24	SKC	MS-B2	0.95	290-100663		M06

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-20-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-4

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.1	0.0086	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0090	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Aldrin	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.027	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.00095	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06,V11
Benzoic acid	None Detected	mg/kg	0.5	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Benzyl butyl phthalate	0.85	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.1	0.0090	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
bis(2-Ethylhexyl)phthalate	51	mg/kg	4	0.44	8270	04/08/04	04/14/04	15:32	SKC	MS-B2	18.9	290-100663	ND	A09,M06

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-20-040604, 04/06/2004 @ 09:20, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.1	0.0088	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Chrysene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.1	0.032	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06,V11
Dibenzofuran	None Detected	mg/kg	0.1	0.0083	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Di-n-butyl phthalate	0.33	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
1,2-Dichlorobenzene	0.24	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0062	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.1	0.037	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.1	0.017	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.1	0.0088	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.1	0.0072	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Fluorene	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	V11

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-20-040604, 04/06/2004 @ 09:20, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06,V11
Isophorone	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2-Methylnaphthalene	0.48	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Naphthalene	1.2	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.062	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0079	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	V11
Nitrobenzene	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Pyrene	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0085	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.1	0.0088	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.1	0.0077	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.018	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.015	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.1	0.019	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.2	0.0080	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
Phenol	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.0096	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0079	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-20-040604, 04/06/2004 @ 09:20, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	69	%	25-121	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663		
Phenol-d5	71	%	24-113	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663		
Nitrobenzene-d5	57	%	23-120	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663		
2-Fluorobiphenyl	63	%	30-115	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663		
2,4,6-Tribromophenol	75	%	19-122	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663		
p-Terphenyl-d14	56	%	18-137	8270	04/08/04	04/13/04	07:06	SKC	MS-B2	0.947	290-100663		M06

Flag	Explanations
A09	PQL's were raised due to high concentration of target analytes requiring sample dilution.
M06	The internal standard on the Method Blank was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:50
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-700-20-040604	**Sample Matrix**	Water
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-5

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	ug/L	2	0.23	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Acenaphthylene	None Detected	ug/L	2	0.29	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Aldrin	None Detected	ug/L	2	0.51	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Aniline	None Detected	ug/L	5	0.28	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Anthracene	None Detected	ug/L	2	0.27	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Benzidine	None Detected	ug/L	20	3.1	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	C02
Benzo[a]anthracene	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Benzo[b]fluoranthene	None Detected	ug/L	2	0.45	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M06
Benzo[k]fluoranthene	None Detected	ug/L	2	0.26	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M06
Benzo[a]pyrene	None Detected	ug/L	2	0.41	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M06
Benzo[g,h,i]perylene	None Detected	ug/L	2	0.51	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M06
Benzoic acid	None Detected	ug/L	10	3.3	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Benzyl alcohol	None Detected	ug/L	2	0.97	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Benzyl butyl phthalate	None Detected	ug/L	2	0.32	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
alpha-BHC	None Detected	ug/L	2	0.34	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
beta-BHC	None Detected	ug/L	2	0.42	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
delta-BHC	None Detected	ug/L	2	0.50	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
gamma-BHC (Lindane)	None Detected	ug/L	2	0.34	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
bis(2-Chloroethyl) ether	None Detected	ug/L	2	0.40	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
bis(2-Chloroethoxy)methane	None Detected	ug/L	2	0.33	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	ug/L	2	0.38	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
bis(2-Ethylhexyl)phthalate	7.4	ug/L	5	0.73	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-700-20-040604, 04/06/2004 @ 09:50, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
4-Chloroaniline	None Detected	ug/L	2	0.26	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2-Chloronaphthalene	None Detected	ug/L	2	0.25	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
4-Chlorophenyl phenyl ether	None Detected	ug/L	2	0.36	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Chrysene	None Detected	ug/L	2	0.17	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
4,4'-DDD	None Detected	ug/L	2	0.29	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
4,4'-DDE	None Detected	ug/L	3	0.27	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
4,4'-DDT	None Detected	ug/L	2	0.22	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Dibenzo[a,h]anthracene	None Detected	ug/L	3	0.53	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M06
Dibenzofuran	None Detected	ug/L	2	0.28	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Di-n-butyl phthalate	None Detected	ug/L	2	0.35	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
1,2-Dichlorobenzene	None Detected	ug/L	2	0.33	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
1,3-Dichlorobenzene	None Detected	ug/L	2	0.39	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
1,4-Dichlorobenzene	None Detected	ug/L	2	0.44	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
3,3-Dichlorobenzidine	None Detected	ug/L	10	0.33	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Dieldrin	None Detected	ug/L	3	0.45	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Diethyl phthalate	None Detected	ug/L	2	0.33	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Dimethyl phthalate	None Detected	ug/L	2	0.31	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
2,4-Dinitrotoluene	None Detected	ug/L	2	0.19	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
2,6-Dinitrotoluene	None Detected	ug/L	2	0.42	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Di-n-octyl phthalate	None Detected	ug/L	2	0.72	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
1,2-Diphenylhydrazine	None Detected	ug/L	2	0.28	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Endosulfan I	None Detected	ug/L	10	2.6	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Endosulfan II	None Detected	ug/L	10	2.7	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Endosulfan sulfate	None Detected	ug/L	3	0.72	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Endrin	None Detected	ug/L	2	0.57	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Endrin aldehyde	None Detected	ug/L	10	0.92	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Fluoranthene	None Detected	ug/L	2	0.26	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Fluorene	None Detected	ug/L	2	0.29	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Heptachlor	None Detected	ug/L	2	0.47	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Heptachlor epoxide	None Detected	ug/L	2	0.68	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Hexachlorobenzene	None Detected	ug/L	2	0.47	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Hexachlorobutadiene	None Detected	ug/L	2	0.44	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Hexachlorocyclopentadiene	None Detected	ug/L	2	0.29	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07,V11

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-700-20-040604, 04/06/2004 @ 09:50, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	ug/L	2	0.32	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Indeno[1,2,3-cd]pyrene	None Detected	ug/L	2	0.70	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M06
Isophorone	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2-Methylnaphthalene	None Detected	ug/L	2	0.33	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Naphthalene	None Detected	ug/L	2	0.35	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2-Naphthylamine	None Detected	ug/L	20	0.30	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
2-Nitroaniline	None Detected	ug/L	2	0.27	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
3-Nitroaniline	None Detected	ug/L	2	0.32	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
4-Nitroaniline	None Detected	ug/L	5	0.15	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
Nitrobenzene	None Detected	ug/L	2	0.28	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
N-Nitrosodimethylamine	None Detected	ug/L	2	0.25	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
N-Nitrosodiphenylamine	None Detected	ug/L	2	0.31	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	M07
N-Nitrosodi-N-propylamine	None Detected	ug/L	2	0.29	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Phenanthrene	None Detected	ug/L	2	0.26	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Pyrene	None Detected	ug/L	2	0.34	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
1,2,4-Trichlorobenzene	None Detected	ug/L	2	0.41	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
4-Chloro-3-methylphenol	None Detected	ug/L	5	0.35	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2-Chlorophenol	None Detected	ug/L	2	0.20	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2,4-Dichlorophenol	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2,4-Dimethylphenol	None Detected	ug/L	2	0.30	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2,4-Dinitrophenol	None Detected	ug/L	10	2.6	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2-Methyl-4,6-dinitrophenol	None Detected	ug/L	10	3.5	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	V11
2-Methylphenol	None Detected	ug/L	2	0.28	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
3- & 4-Methylphenol	None Detected	ug/L	2	0.54	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2-Nitrophenol	None Detected	ug/L	2	0.45	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
4-Nitrophenol	None Detected	ug/L	2	1.6	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Pentachlorophenol	None Detected	ug/L	10	3.6	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
Phenol	None Detected	ug/L	2	0.16	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2,4,5-Trichlorophenol	None Detected	ug/L	5	0.36	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	
2,4,6-Trichlorophenol	None Detected	ug/L	5	0.31	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-700-20-040604, 04/06/2004 @ 09:50, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	63	%	21-100	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665		
Phenol-d5	42	%	10-94	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665		
Nitrobenzene-d5	92	%	35-114	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665		
2-Fluorobiphenyl	90	%	43-116	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665		M07
2,4,6-Tribromophenol	113	%	10-123	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665		
p-Terphenyl-d14	100	%	33-141	8270	04/10/04	04/14/04	11:59	SKC	MS-B2	0.99	290-100665		

Flag	Explanations
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit.
M06	The internal standard on the Method Blank was not within the control limits.
M07	The surrogate recovery on the Method Blank for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 15:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-04-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-6

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0094	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Aldrin	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.029	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.00099	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
Benzo[b]fluoranthene	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,V11
Benzoic acid	None Detected	mg/kg	0.5	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
alpha-BHC	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
bis(2-Ethylhexyl)phthalate	1.6	mg/kg	0.2	0.023	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-04-040504, 04/05/2004 @ 15:45, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Chrysene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
4,4'-DDD	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
4,4'-DDE	None Detected	mg/kg	0.1	0.033	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
4,4'-DDT	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.1	0.019	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,V11
Dibenzofuran	None Detected	mg/kg	0.1	0.0086	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0064	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
Dieldrin	None Detected	mg/kg	0.1	0.039	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
Diethyl phthalate	None Detected	mg/kg	0.1	0.017	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
1,2-Diphenylhydrazine	None Detected	mg/kg	0.1	0.0074	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
Endosulfan II	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
Endosulfan sulfate	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
Endrin	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
Endrin aldehyde	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
Fluoranthene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Fluorene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	V11

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-04-040504, 04/05/2004 @ 15:45, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,V11
Isophorone	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.064	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0082	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	V11
Nitrobenzene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Pyrene	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	M06,S08
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0088	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.1	0.0080	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.019	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.016	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.1	0.02	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.2	0.0083	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
Phenol	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.01	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0082	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-04-040504, 04/05/2004 @ 15:45, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	50	%	25-121	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663		
Phenol-d5	58	%	24-113	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663		
Nitrobenzene-d5	46	%	23-120	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663		
2-Fluorobiphenyl	33	%	30-115	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663		
2,4,6-Tribromophenol	66	%	19-122	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663		
p-Terphenyl-d14	64	%	18-137	8270	04/08/04	04/13/04	07:49	SKC	MS-B2	0.984	290-100663		M06,S08

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.
S08	The internal standard on the sample was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

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18581 TELLER AVE
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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 16:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-12-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-7

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.1	0.0087	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0092	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Aldrin	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.028	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.00097	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
Benzo[b]fluoranthene	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,V11
Benzoic acid	None Detected	mg/kg	0.5	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
alpha-BHC	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.1	0.0090	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
bis(2-Ethylhexyl)phthalate	0.39	mg/kg	0.2	0.023	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-12-040504, 04/05/2004 @ 16:10, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Chrysene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
4,4'-DDD	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
4,4'-DDE	None Detected	mg/kg	0.1	0.032	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
4,4'-DDT	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,V11
Dibenzofuran	None Detected	mg/kg	0.1	0.0084	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0063	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
Dieldrin	None Detected	mg/kg	0.1	0.038	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
Diethyl phthalate	None Detected	mg/kg	0.1	0.017	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
1,2-Diphenylhydrazine	None Detected	mg/kg	0.1	0.0073	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
Endosulfan II	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
Endosulfan sulfate	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
Endrin	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
Endrin aldehyde	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
Fluoranthene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Fluorene	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	V11

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-12-040504, 04/05/2004 @ 16:10, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,V11
Isophorone	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.063	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0080	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	V11
Nitrobenzene	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Pyrene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	M06,S08
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0086	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.1	0.0078	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.019	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.015	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.1	0.019	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.2	0.0081	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
Phenol	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.0098	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0080	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-12-040504, 04/05/2004 @ 16:10, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	74	%	25-121	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663		
Phenol-d5	81	%	24-113	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663		
Nitrobenzene-d5	72	%	23-120	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663		
2-Fluorobiphenyl	66	%	30-115	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663		
2,4,6-Tribromophenol	95	%	19-122	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663		
p-Terphenyl-d14	73	%	18-137	8270	04/08/04	04/13/04	08:31	SKC	MS-B2	0.961	290-100663		M06,S08

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.
S08	The internal standard on the sample was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

California DOHS Certification #1186

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-09-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-8

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.1	0.0089	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0094	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Aldrin	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.028	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.00098	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	C02
Benzo[a]anthracene	0.032	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	R01,M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Benzoic acid	None Detected	mg/kg	0.5	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Benzyl alcohol	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
bis(2-Ethylhexyl)phthalate	0.44	mg/kg	0.2	0.023	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-09-040504, 04/05/2004 @ 17:00, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Chrysene	0.038	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	R01,M06
4,4'-DDD	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.1	0.033	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.1	0.019	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Dibenzofuran	None Detected	mg/kg	0.1	0.0086	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
1,2-Dichlorobenzene	0.083	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	R01
1,3-Dichlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0064	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.1	0.039	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.1	0.017	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.1	0.0074	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Fluoranthene	0.033	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	R01
Fluorene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	V11

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-09-040504, 04/05/2004 @ 17:00, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	M06
Isophorone	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.064	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0082	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Nitrobenzene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Phenanthrene	0.03	mg/kg	0.1	0.01	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	R01
Pyrene	0.044	mg/kg	0.1	0.0099	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	R01,M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0088	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.1	0.0080	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.019	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.016	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	V11
2-Methylphenol	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.1	0.02	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Pentachlorophenol	None Detected	mg/kg	0.2	0.0083	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
Phenol	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.0099	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0082	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-09-040504, 04/05/2004 @ 17:00, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	69	%	25-121	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663		
Phenol-d5	71	%	24-113	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663		
Nitrobenzene-d5	66	%	23-120	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663		
2-Fluorobiphenyl	67	%	30-115	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663		
2,4,6-Tribromophenol	91	%	19-122	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663		
p-Terphenyl-d14	79	%	18-137	8270	04/08/04	04/14/04	12:41	SKC	MS-B2	0.98	290-100663		M06

Flag	Explanations
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit.
M06	The internal standard on the Method Blank was not within the control limits.
R01	The sample result is between the MDL and PQL.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
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IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-10-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-9

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.1	0.0090	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0095	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Aldrin	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.029	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.0010	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06,V11
Benzoic acid	None Detected	mg/kg	0.5	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	0.2	0.023	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-10-040504, 04/05/2004 @ 17:20, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Chrysene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.1	0.034	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.1	0.019	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06,V11
Dibenzofuran	None Detected	mg/kg	0.1	0.0087	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0065	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.1	0.039	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.1	0.017	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.1	0.0075	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Fluorene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	V11

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-10-040504, 04/05/2004 @ 17:20, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06,V11
Isophorone	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.065	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0083	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	V11
Nitrobenzene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Pyrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0089	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.1	0.0081	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.019	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.016	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.1	0.02	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.2	0.0084	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
Phenol	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0083	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-10-040504, 04/05/2004 @ 17:20, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	51	%	25-121	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663		
Phenol-d5	59	%	24-113	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663		
Nitrobenzene-d5	52	%	23-120	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663		
2-Fluorobiphenyl	40	%	30-115	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663		
2,4,6-Tribromophenol	68	%	19-122	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663		
p-Terphenyl-d14	65	%	18-137	8270	04/08/04	04/13/04	09:13	SKC	MS-B2	0.993	290-100663		M06

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-10

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.3	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Aldrin	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Aniline	None Detected	mg/kg	0.3	0.035	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Anthracene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Benzidine	None Detected	mg/kg	4	0.0013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	V11
Benzo[a]anthracene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.2	0.022	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06,V11
Benzoic acid	None Detected	mg/kg	0.7	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	V11
Benzyl alcohol	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	0.3	0.028	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-11-040504, 04/05/2004 @ 17:40, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Chrysene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.2	0.041	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.2	0.023	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06,V11
Dibenzofuran	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.3	0.0079	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.2	0.048	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.2	0.021	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.2	0.0092	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.3	0.02	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.3	0.016	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.3	0.019	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.7	0.021	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Fluorene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.2	0.019	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	V11

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-11-040504, 04/05/2004 @ 17:40, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06,V11
Isophorone	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	4	0.079	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	V11
Nitrobenzene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Pyrene	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.2	0.0099	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.7	0.024	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	V11
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.7	0.019	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.2	0.024	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.2	0.018	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.3	0.018	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	V11
Pentachlorophenol	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
Phenol	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.3	0.013	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.3	0.011	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-11-040504, 04/05/2004 @ 17:40, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	63	%	25-121	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663		
Phenol-d5	71	%	24-113	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663		
Nitrobenzene-d5	62	%	23-120	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663		
2-Fluorobiphenyl	32	%	30-115	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663		
2,4,6-Tribromophenol	67	%	19-122	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663		
p-Terphenyl-d14	55	%	18-137	8270	04/08/04	04/13/04	09:56	SKC	MS-B2	1.21	290-100663		M06

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-500-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-11

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.1	0.0085	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0090	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Aldrin	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.027	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.00094	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	C02
Benzo[a]anthracene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.1	0.017	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Benzoic acid	None Detected	mg/kg	0.5	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Benzyl alcohol	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.1	0.0088	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.1	0.0090	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
bis(2-Ethylhexyl)phthalate	0.03	mg/kg	0.2	0.022	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	R01,M06

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-500-11-040504, 04/05/2004 @ 17:45, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.1	0.0087	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.01	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Chrysene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.1	0.032	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Dibenzofuran	None Detected	mg/kg	0.1	0.0082	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0062	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.1	0.037	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.1	0.017	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.1	0.0087	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.1	0.0071	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Fluorene	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	V11

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-500-11-040504, 04/05/2004 @ 17:45, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
Isophorone	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.062	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0079	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Nitrobenzene	None Detected	mg/kg	0.1	0.0094	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Phenanthrene	0.013	mg/kg	0.1	0.0096	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	R01
Pyrene	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0084	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.1	0.0087	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.1	0.0077	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.018	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.015	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	V11
2-Methylphenol	None Detected	mg/kg	0.1	0.0091	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.1	0.019	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Pentachlorophenol	None Detected	mg/kg	0.2	0.0079	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
Phenol	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.0095	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0079	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-500-11-040504, 04/05/2004 @ 17:45, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	68	%	25-121	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663		
Phenol-d5	75	%	24-113	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663		
Nitrobenzene-d5	77	%	23-120	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663		
2-Fluorobiphenyl	58	%	30-115	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663		
2,4,6-Tribromophenol	80	%	19-122	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663		
p-Terphenyl-d14	64	%	18-137	8270	04/08/04	04/14/04	16:15	SKC	MS-B2	0.94	290-100663		M06

Flag	Explanations
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit.
M06	The internal standard on the Method Blank was not within the control limits.
R01	The sample result is between the MDL and PQL.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-14-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-12

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.09	0.0080	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0084	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Aldrin	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.026	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Anthracene	None Detected	mg/kg	0.09	0.0098	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.00089	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Benzo[a]anthracene	None Detected	mg/kg	0.09	0.0092	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.09	0.0087	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.09	0.0099	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.09	0.016	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Benzoic acid	None Detected	mg/kg	0.5	0.0099	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Benzyl alcohol	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.09	0.0096	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.09	0.01	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.09	0.0083	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.09	0.0084	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.09	0.0085	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.09	0.0095	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.09	0.0090	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.09	0.011	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
bis(2-Ethylhexyl)phthalate	0.067	mg/kg	0.2	0.021	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	R01,M06

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-14-040504, 04/05/2004 @ 17:55, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.09	0.0092	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.09	0.0082	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.0094	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Chrysene	None Detected	mg/kg	0.09	0.0095	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.09	0.0089	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.09	0.03	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.09	0.0098	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.09	0.017	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Dibenzofuran	None Detected	mg/kg	0.09	0.0077	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.09	0.011	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.09	0.0092	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.09	0.01	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.09	0.0092	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0058	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.09	0.035	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Diethyl phthalate	0.037	mg/kg	0.09	0.016	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	R01
Dimethyl phthalate	None Detected	mg/kg	0.09	0.0082	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.09	0.0096	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.09	0.013	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.09	0.0067	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.2	0.012	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.2	0.014	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.5	0.016	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.09	0.0098	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Fluorene	None Detected	mg/kg	0.09	0.0088	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.09	0.014	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.09	0.011	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.09	0.0096	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.09	0.0097	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-14-040504, 04/05/2004 @ 17:55, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.09	0.011	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.09	0.012	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
Isophorone	None Detected	mg/kg	0.09	0.0087	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.09	0.0095	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.09	0.0089	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.058	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.09	0.01	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.09	0.0093	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0074	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Nitrobenzene	None Detected	mg/kg	0.09	0.0088	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.09	0.013	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.09	0.0090	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.09	0.0098	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.09	0.0090	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Pyrene	None Detected	mg/kg	0.09	0.0090	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.09	0.0086	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0079	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.09	0.0082	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.09	0.0072	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.09	0.013	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.017	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.014	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.09	0.0085	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.09	0.018	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.09	0.013	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Pentachlorophenol	None Detected	mg/kg	0.2	0.0075	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
Phenol	None Detected	mg/kg	0.09	0.0099	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.0090	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0074	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-14-040504, 04/05/2004 @ 17:55, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	60	%	25-121	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663		
Phenol-d5	67	%	24-113	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663		
Nitrobenzene-d5	57	%	23-120	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663		
2-Fluorobiphenyl	41	%	30-115	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663		
2,4,6-Tribromophenol	64	%	19-122	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663		
p-Terphenyl-d14	50	%	18-137	8270	04/08/04	04/16/04	23:02	SKC	MS-B2	0.882	290-100663		M06

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.
R01	The sample result is between the MDL and PQL.

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BC Laboratories, Inc

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-15-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-13

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	5	0.45	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	10	0.48	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Aldrin	None Detected	mg/kg	5	0.67	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Aniline	None Detected	mg/kg	10	1.5	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Anthracene	None Detected	mg/kg	5	0.55	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Benzidine	None Detected	mg/kg	200	0.05	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	C02
Benzo[a]anthracene	None Detected	mg/kg	5	0.52	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Benzo[b]fluoranthene	None Detected	mg/kg	5	0.49	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Benzo[k]fluoranthene	None Detected	mg/kg	5	0.68	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Benzo[a]pyrene	None Detected	mg/kg	5	0.56	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Benzo[g,h,i]perylene	None Detected	mg/kg	5	0.9	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Benzoic acid	None Detected	mg/kg	30	0.56	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Benzyl alcohol	None Detected	mg/kg	5	0.64	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	5	0.54	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
alpha-BHC	None Detected	mg/kg	5	0.57	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
beta-BHC	None Detected	mg/kg	5	0.47	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
delta-BHC	None Detected	mg/kg	5	0.48	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	5	0.48	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	5	0.54	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	5	0.51	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	5	0.58	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
bis(2-Ethylhexyl)phthalate	None Detected	mg/kg	10	1.2	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-15-040504, 04/05/2004 @ 18:10, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	5	0.52	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	5	0.65	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	5	0.46	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	10	0.53	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Chrysene	None Detected	mg/kg	5	0.54	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
4,4'-DDD	None Detected	mg/kg	5	0.5	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
4,4'-DDE	None Detected	mg/kg	5	1.7	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
4,4'-DDT	None Detected	mg/kg	5	0.55	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Dibenzo[a,h]anthracene	None Detected	mg/kg	5	0.93	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Dibenzofuran	None Detected	mg/kg	5	0.44	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	5	0.59	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	5	0.52	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	5	0.57	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	5	0.52	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	10	0.33	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Dieldrin	None Detected	mg/kg	5	2	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Diethyl phthalate	None Detected	mg/kg	5	0.86	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	5	0.46	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	5	0.65	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	5	0.54	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	5	0.71	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
1,2-Diphenylhydrazine	None Detected	mg/kg	5	0.38	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Endosulfan I	None Detected	mg/kg	10	0.81	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Endosulfan II	None Detected	mg/kg	10	0.65	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Endosulfan sulfate	None Detected	mg/kg	5	0.65	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Endrin	None Detected	mg/kg	10	0.77	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Endrin aldehyde	None Detected	mg/kg	30	0.86	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Fluoranthene	None Detected	mg/kg	5	0.56	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Fluorene	None Detected	mg/kg	5	0.5	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Heptachlor	None Detected	mg/kg	5	0.68	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	5	0.76	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	5	0.61	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	5	0.54	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	5	0.55	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	V11

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-15-040504, 04/05/2004 @ 18:10, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	5	0.59	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	5	0.66	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
Isophorone	None Detected	mg/kg	5	0.49	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	5	0.54	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Naphthalene	None Detected	mg/kg	5	0.5	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	200	3.3	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	5	0.57	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	5	0.53	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	10	0.42	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Nitrobenzene	None Detected	mg/kg	5	0.5	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	5	0.72	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	5	0.51	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	5	0.55	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Phenanthrene	None Detected	mg/kg	5	0.51	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Pyrene	None Detected	mg/kg	5	0.51	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	M06,S08
1,2,4-Trichlorobenzene	None Detected	mg/kg	5	0.49	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	10	0.45	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	5	0.46	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	5	0.41	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	5	0.71	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	30	0.95	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	30	0.78	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	V11
2-Methylphenol	None Detected	mg/kg	5	0.48	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	5	0.97	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	5	0.72	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	10	0.74	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Pentachlorophenol	None Detected	mg/kg	10	0.42	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
Phenol	None Detected	mg/kg	5	0.56	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	10	0.51	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	10	0.42	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663	ND	

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-15-040504, 04/05/2004 @ 18:10, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	81	%	25-121	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663		
Phenol-d5	96	%	24-113	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663		
Nitrobenzene-d5	101	%	23-120	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663		
2-Fluorobiphenyl	102	%	30-115	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663		
2,4,6-Tribromophenol	58	%	19-122	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663		
p-Terphenyl-d14	92	%	18-137	8270	04/08/04	04/14/04	19:47	SKC	MS-B2	50	290-100663		M06,S08

Flag	Explanations
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit.
M06	The internal standard on the Method Blank was not within the control limits.
S08	The internal standard on the sample was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-16-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-14

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.4	0.036	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.8	0.038	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Aldrin	None Detected	mg/kg	0.4	0.053	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Aniline	None Detected	mg/kg	0.8	0.12	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Anthracene	None Detected	mg/kg	0.4	0.044	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Benzidine	None Detected	mg/kg	20	0.0040	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Benzo[a]anthracene	None Detected	mg/kg	0.4	0.041	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.4	0.039	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.4	0.054	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.4	0.045	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.4	0.071	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Benzoic acid	None Detected	mg/kg	2	0.045	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Benzyl alcohol	None Detected	mg/kg	0.4	0.05	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.4	0.043	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.4	0.045	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.4	0.037	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.4	0.038	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.4	0.038	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.4	0.043	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.4	0.04	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.4	0.046	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
bis(2-Ethylhexyl)phthalate	2.1	mg/kg	0.8	0.091	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-16-040504, 04/05/2004 @ 18:30, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.4	0.041	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.4	0.051	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.4	0.037	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.8	0.042	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Chrysene	None Detected	mg/kg	0.4	0.043	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.4	0.04	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.4	0.14	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.4	0.044	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.4	0.074	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Dibenzofuran	None Detected	mg/kg	0.4	0.035	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.4	0.047	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.4	0.041	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.4	0.045	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.4	0.041	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.8	0.026	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.4	0.16	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.4	0.068	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.4	0.037	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.4	0.051	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.4	0.043	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.4	0.056	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.4	0.03	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.8	0.064	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.8	0.051	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.4	0.052	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.8	0.061	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	2	0.068	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.4	0.044	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Fluorene	None Detected	mg/kg	0.4	0.039	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.4	0.054	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.4	0.06	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.4	0.048	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.4	0.043	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.4	0.043	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-16-040504, 04/05/2004 @ 18:30, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.4	0.047	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.4	0.052	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
Isophorone	None Detected	mg/kg	0.4	0.039	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.4	0.043	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.4	0.04	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	20	0.26	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.4	0.045	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.4	0.042	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.8	0.033	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Nitrobenzene	None Detected	mg/kg	0.4	0.039	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.4	0.057	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.4	0.04	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.4	0.044	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.4	0.041	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Pyrene	None Detected	mg/kg	0.4	0.04	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.4	0.039	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.8	0.036	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.4	0.037	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.4	0.032	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.4	0.056	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	2	0.075	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	2	0.062	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.4	0.038	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.4	0.077	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.4	0.057	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.8	0.058	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Pentachlorophenol	None Detected	mg/kg	0.8	0.034	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
Phenol	None Detected	mg/kg	0.4	0.045	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.8	0.04	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.8	0.033	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-16-040504, 04/05/2004 @ 18:30, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol	81	%	25-121	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663		
Phenol-d5	98	%	24-113	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663		
Nitrobenzene-d5	88	%	23-120	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663		
2-Fluorobiphenyl	69	%	30-115	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663		
2,4,6-Tribromophenol	78	%	19-122	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663		
p-Terphenyl-d14	74	%	18-137	8270	04/08/04	04/16/04	23:44	SKC	MS-B2	3.93	290-100663		M06

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.

Comments

PQL's were raised due to matrix interference.

California DOHS Certification #1186

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CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-13-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-15

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	None Detected	mg/kg	0.1	0.0090	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Acenaphthylene	None Detected	mg/kg	0.2	0.0095	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Aldrin	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Aniline	None Detected	mg/kg	0.2	0.029	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Benzidine	None Detected	mg/kg	3	0.0010	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Benzo[a]anthracene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Benzo[b]fluoranthene	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Benzo[k]fluoranthene	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Benzo[a]pyrene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Benzo[g,h,i]perylene	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Benzoic acid	None Detected	mg/kg	0.5	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Benzyl alcohol	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Benzyl butyl phthalate	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
alpha-BHC	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
beta-BHC	None Detected	mg/kg	0.1	0.0093	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
delta-BHC	None Detected	mg/kg	0.1	0.0095	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
gamma-BHC (Lindane)	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
bis(2-Chloroethyl) ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
bis(2-Chloroethoxy)methane	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
bis(2-Chloro-1-methylethyl) ether	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
bis(2-Ethylhexyl)phthalate	0.72	mg/kg	0.2	0.023	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-13-040504, 04/05/2004 @ 18:40, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromophenyl phenyl ether	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
4-Chloroaniline	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2-Chloronaphthalene	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
4-Chlorophenyl phenyl ether	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Chrysene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
4,4'-DDD	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
4,4'-DDE	None Detected	mg/kg	0.1	0.034	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
4,4'-DDT	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Dibenzo[a,h]anthracene	None Detected	mg/kg	0.1	0.019	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Dibenzofuran	None Detected	mg/kg	0.1	0.0087	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Di-n-butyl phthalate	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
1,2-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
1,3-Dichlorobenzene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
1,4-Dichlorobenzene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
3,3-Dichlorobenzidine	None Detected	mg/kg	0.2	0.0065	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Dieldrin	None Detected	mg/kg	0.1	0.039	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Diethyl phthalate	None Detected	mg/kg	0.1	0.018	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Dimethyl phthalate	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2,4-Dinitrotoluene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2,6-Dinitrotoluene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Di-n-octyl phthalate	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
1,2-Diphenylhydrazine	None Detected	mg/kg	0.1	0.0075	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Endosulfan I	None Detected	mg/kg	0.2	0.017	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Endosulfan II	None Detected	mg/kg	0.2	0.013	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Endosulfan sulfate	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Endrin	None Detected	mg/kg	0.2	0.016	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Endrin aldehyde	None Detected	mg/kg	0.5	0.018	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Fluoranthene	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Fluorene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Heptachlor	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Heptachlor epoxide	None Detected	mg/kg	0.1	0.016	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Hexachlorobenzene	None Detected	mg/kg	0.1	0.013	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Hexachlorobutadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Hexachlorocyclopentadiene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-13-040504, 04/05/2004 @ 18:40, MIKE HOFFMAN

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexachloroethane	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Indeno[1,2,3-cd]pyrene	None Detected	mg/kg	0.1	0.014	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	M06
Isophorone	None Detected	mg/kg	0.1	0.0098	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2-Methylnaphthalene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Naphthalene	None Detected	mg/kg	0.1	0.01	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2-Naphthylamine	None Detected	mg/kg	3	0.065	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2-Nitroaniline	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
3-Nitroaniline	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
4-Nitroaniline	None Detected	mg/kg	0.2	0.0083	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Nitrobenzene	None Detected	mg/kg	0.1	0.0099	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
N-Nitrosodimethylamine	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
N-Nitrosodiphenylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
N-Nitrosodi-N-propylamine	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Phenanthrene	None Detected	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Pyrene	0.018	mg/kg	0.1	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	R01,M06
1,2,4-Trichlorobenzene	None Detected	mg/kg	0.1	0.0097	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
4-Chloro-3-methylphenol	None Detected	mg/kg	0.2	0.0089	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2-Chlorophenol	None Detected	mg/kg	0.1	0.0092	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2,4-Dichlorophenol	None Detected	mg/kg	0.1	0.0081	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2,4-Dimethylphenol	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2,4-Dinitrophenol	None Detected	mg/kg	0.5	0.019	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2-Methyl-4,6-dinitrophenol	None Detected	mg/kg	0.5	0.016	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2-Methylphenol	None Detected	mg/kg	0.1	0.0096	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
3- & 4-Methylphenol	None Detected	mg/kg	0.1	0.02	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2-Nitrophenol	None Detected	mg/kg	0.1	0.015	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
4-Nitrophenol	None Detected	mg/kg	0.2	0.015	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Pentachlorophenol	None Detected	mg/kg	0.2	0.0084	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
Phenol	None Detected	mg/kg	0.1	0.012	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2,4,5-Trichlorophenol	None Detected	mg/kg	0.2	0.011	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	
2,4,6-Trichlorophenol	None Detected	mg/kg	0.2	0.0083	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663	ND	

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BC Laboratories, Inc

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

Sample Description	10500-37240, OMEGA, OC-SS-000-13-040504, 04/05/2004 @ 18:40, MIKE HOFFMAN

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2-Fluorophenol		%	25-121	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663		
Phenol-d5		%	24-113	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663		
Nitrobenzene-d5		%	23-120	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663		
2-Fluorobiphenyl		%	30-115	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663		
2,4,6-Tribromophenol		%	19-122	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663		
p-Terphenyl-d14		%	18-137	8270	04/08/04	04/17/04	00:27	SKC	MS-B2	1	290-100663		M06

Flag	Explanations
M06	The internal standard on the Method Blank was not within the control limits.
R01	The sample result is between the MDL and PQL.

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
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SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-17-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-1A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	0.099	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	11:06	JST	MS-B4	1.0			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	78	mg/kg	70-130	8270	04/14/04	04/15/04	11:06	JST	MS-B4	1.0			

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BC Laboratories, Inc

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 08:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-18-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-2A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	0.66	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	13:24	JST	MS-B4	1.0			

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:05
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-19-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-3A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	1.3	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	14:34	JST	MS-B4	1.0			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	102	mg/kg	70-130	8270	04/14/04	04/15/04	14:34	JST	MS-B4	1.0			

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-20-040604	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-4A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	14	mg/kg	0.2	0.055	8270	04/14/04	04/16/04	09:21	JST	MS-B4	1.0			A01

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	97	mg/kg	70-130	8270	04/14/04	04/16/04	09:21	JST	MS-B4	1.0			

Flag	Explanations
A01	PQL's and MDL's are raised due to sample dilution.

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/06/2004 @ 09:50
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-700-20-040604	**Sample Matrix**	Water
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-5A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	ug/L	2.	0.299	8270	04/07/04	04/09/04	03:17	SGB	MS-B4	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	141	ug/L	70-130	8270	04/07/04	04/09/04	03:17	SGB	MS-B4	1			S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 15:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-04-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-6A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.07	.01	8270	04/08/04	04/08/04	20:28	SGB	MS-B4	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	57	mg/kg	70-130	8270	04/08/04	04/08/04	20:28	SGB	MS-B4	1			S09

Flag	Explanations
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 16:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-12-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-7A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	1.6	mg/kg	0.07	.01	8270	04/08/04	04/08/04	20:51	SGB	MS-B4	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	88	mg/kg	70-130	8270	04/08/04	04/08/04	20:51	SGB	MS-B4	1			

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:00
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-09-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-8A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	0.17	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	15:43	JST	MS-B4	1.0			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	80	mg/kg	70-130	8270	04/14/04	04/15/04	15:43	JST	MS-B4	1.0			

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:20
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-10-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-9A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	0.043	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	11:52	JST	GC-1	1.0			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	80	mg/kg	70-130	8270	04/14/04	04/15/04	11:52	JST	GC-1	1.0			

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-10A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.07	.01	8270	04/08/04	04/08/04	21:14	SGB	MS-B4	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	72	mg/kg	70-130	8270	04/08/04	04/08/04	21:14	SGB	MS-B4	1			

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:45
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-500-11-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-11A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.07	.01	8270	04/08/04	04/08/04	21:37	SGB	MS-B4	1			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	87	mg/kg	70-130	8270	04/08/04	04/08/04	21:37	SGB	MS-B4	1			

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 17:55
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-14-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-12A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	13:48	JST	MS-B4	1.0			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	78	mg/kg	70-130	8270	04/14/04	04/15/04	13:48	JST	MS-B4	1.0			

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Attn: SHARON WALLIN

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:10
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-15-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-13A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.09	0.033	8270	04/14/04	04/15/04	15:20	JST	MS-B4	3.0			A10

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	75	mg/kg	70-130	8270	04/14/04	04/15/04	15:20	JST	MS-B4	3.0			

Flag	Explanations
A10	PQL's and MDL's were raised due to matrix interference.

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:30
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-16-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-14A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	0.018	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	14:10	JST	MS-B4	1.0			R01

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	60	mg/kg	70-130	8270	04/14/04	04/15/04	14:10	JST	MS-B4	1.0			S09

Flag	Explanations
R01	The sample result is between the MDL and PQL.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270)

COC Number	---	**Receive Date/Time**	04/06/2004 @ 19:35
Project Number	10500-37240	**Sampling Date/Time**	04/05/2004 @ 18:40
Sampling Location	OMEGA	**Sample Depth**	---
Sampling Point	OC-SS-000-13-040504	**Sample Matrix**	Soil
Sampled By	MIKE HOFFMAN	**BCL Sample ID**	04-03490-15A

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,4-Dioxane	None Detected	mg/kg	0.03	0.011	8270	04/14/04	04/15/04	14:57	JST	MS-B4	1.0			

Surrogate Compounds	Result	Units	Control Limits	Method	Prep Date	Run Date	Run Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Naphthalene-d8	75	mg/kg	70-130	8270	04/14/04	04/15/04	14:57	JST	MS-B4	1.0			

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
STANDARD TTLC CONSTITUENTS

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*TTLC

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	Method Blank Readings	Units
Antimony	< 5.	mg/kg
Arsenic	< 0.5	mg/kg
Barium	0.21	mg/kg
Beryllium	0.035	mg/kg
Cadmium	0.06	mg/kg
Chromium	0.10	mg/kg
Cobalt	< 2.5	mg/kg
Copper	0.53	mg/kg
Lead	0.12	mg/kg
Mercury	< 0.2	mg/kg
Molybdenum	< 2.5	mg/kg
Nickel	0.22	mg/kg
Selenium	< 0.5	mg/kg
Silver	< 0.5	mg/kg
Thallium	< 5.	mg/kg
Vanadium	< 0.5	mg/kg
Zinc	< 2.5	mg/kg

The trace detections for Barium, Beryllium, Cadmium, Chromium, Copper, Lead and Nickel are estimated values between the MDL and PQL.

Quality Control Officer

Danette Bohm

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4100 Atlas Court * Bakersfield, CA 93308 * (661) 327-4911 * FAX (661) 327-1918 * www.bclabs.com

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
STANDARD TTLC CONSTITUENTS

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*TTLC

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	QC Sample ID	Sample Result	Sample Duplicate	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Sample R.P.D.	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Antimony	HP-3490-8-B1-X	< 10.	< 10.	34.91	37.15	98.04	98.04	mg/kg	<PQL	6.	20	36.	38.	16 - 119
Arsenic	HP-3490-8-B1-X	5.647	5.402	10.26	10.72	4.902	4.902	mg/kg	<PQL	4.	20	94.	103.	75 - 125
Barium	HP-3490-8-B1-X	169.5	178.7	263.5	290.7	98.04	98.04	mg/kg	5.	10.	20	96.	124.	75 - 125
Beryllium	HP-3490-8-B1-X	0.4706	0.4706	9.510	9.510	9.804	9.804	mg/kg	<PQL	0.	20	92.	92.	75 - 125
Cadmium	HP-3490-8-B1-X	1.225	1.186	9.833	9.873	9.804	9.804	mg/kg	<PQL	0.	20	88.	88.	75 - 125
Chromium	HP-3490-8-B1-X	395.4	318.6	397.8	480.6	98.04	98.04	mg/kg	22.	19.	20	H MEAN	H MEAN	75 - 125
Cobalt	HP-3490-8-B1-X	8.314	8.990	102.9	107.3	98.04	98.04	mg/kg	<PQL	4.	20	96.	101.	75 - 125
Copper	HP-3490-8-B1-X	23.25	24.63	117.4	121.3	98.04	98.04	mg/kg	6.	3.	20	96.	100.	75 - 125
Lead	HP-3490-8-B1-X	18.95	25.75	105.7	110.8	98.04	98.04	mg/kg	30.	5.	20	88.	94.	75 - 125
Mercury	03490-8-X12.5	0.06286	0.05732	0.7004	0.7004	0.7143	0.7143	mg/kg	<PQL	0.	20	89.	89.	85 - 115
Molybdenum	HP-3490-8-B1-X	< 5.	< 5.	83.29	87.30	98.04	98.04	mg/kg	<PQL	5.	20	83.	87.	75 - 125
Nickel	HP-3490-8-B1-X	21.56	21.56	107.0	107.6	98.04	98.04	mg/kg	0.	1.	20	87.	88.	75 - 125
Selenium	HP-3490-8-B1-X	< 1.	< 1.	3.520	3.990	4.902	4.902	mg/kg	<PQL	13.	20	77.	87.	75 - 125
Silver	HP-3490-8-B1-X	< 1.	< 1.	8.882	9.098	9.804	9.804	mg/kg	<PQL	2.	20	91.	93.	75 - 125
Thallium	HP-3490-8-B1-X	< 10.	1.598	91.15	95.67	98.04	98.04	mg/kg	<PQL	5.	20	93.	97.	75 - 125
Vanadium	HP-3490-8-B1-X	41.64	45.91	133.9	143.5	98.04	98.04	mg/kg	10.	7.	20	94.	104.	75 - 125
Zinc	HP-3490-8-B1-X	57.44	74.26	143.5	152.9	98.04	98.04	mg/kg	26.	6.	20	88.	97.	75 - 125

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
STANDARD TTLC CONSTITUENTS

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*TTLC

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

The sample RPD's for Chromium, Lead and Zinc are outside QC limits.
H Mean - sample concentration is greater than four times the spike level.

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
STANDARD TTLC CONSTITUENTS

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*TTLC

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Antimony	HP-LCSS1-0	2.6635	3.03	mg/kg	88.	75 - 125
Arsenic	HP-LCSS1-0	17.231	19.0	mg/kg	91.	75 - 125
Barium	HP-LCSS1-0	162.69	171.	mg/kg	95.	75 - 125
Beryllium	HP-LCSS1-0	9.3558	11.0	mg/kg	85.	75 - 125
Cadmium	HP-LCSS1-0	9.0673	10.1	mg/kg	90.	75 - 125
Chromium	HP-LCSS1-0	21.481	25.2	mg/kg	85.	75 - 125
Cobalt	HP-LCSS1-0	16.356	16.3	mg/kg	100.	75 - 125
Copper	HP-LCSS1-0	23.471	25.9	mg/kg	91.	75 - 125
Lead	HP-LCSS1-0	17.875	17.7	mg/kg	101.	75 - 125
Mercury	LCSS4-04-1	1.3143	1.57	mg/kg	84.	75 - 125
Molybdenum	HP-LCSS1-0	9.8750	11.0	mg/kg	90.	75 - 125
Nickel	HP-LCSS1-0	17.962	21.1	mg/kg	85.	75 - 125
Selenium	HP-LCSS1-0	8.1635	8.82	mg/kg	93.	75 - 125
Silver	HP-LCSS1-0	8.9038	9.67	mg/kg	92.	75 - 125
Thallium	HP-LCSS1-0	10.346	9.39	mg/kg	110.	75 - 125
Vanadium	HP-LCSS1-0	50.837	53.3	mg/kg	95.	75 - 125
Zinc	HP-LCSS1-0	59.865	64.7	mg/kg	93.	75 - 125

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8081

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/20/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8081

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	Method Blank Readings	Units
Aldrin	< 0.0005	mg/kg
alpha-BHC	< 0.0005	mg/kg
beta-BHC	< 0.005	mg/kg
delta-BHC	< 0.0005	mg/kg
gamma-BHC	< 0.0005	mg/kg
Chlordane (Technical)	< 0.01	mg/kg
4,4'-DDD	< 0.0005	mg/kg
4,4'-DDE	< 0.0005	mg/kg
4,4'-DDT	< 0.0005	mg/kg
Dieldrin	< 0.0005	mg/kg
Endosulfan I	< 0.0005	mg/kg
Endosulfan II	< 0.0005	mg/kg
Endosulfan Sulfate	< 0.0005	mg/kg
Endrin	< 0.0005	mg/kg
Endrin Aldehyde	< 0.0005	mg/kg
Heptachlor	< 0.0005	mg/kg
Heptachlor Epoxide	< 0.0005	mg/kg
Methoxychlor	< 0.0005	mg/kg
Toxaphene	< 0.1	mg/kg
TCMX	90.	%
Dibutyl chlorendate	94.	%

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8081

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8081

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Aldrin	3490-8	< 0.005	0.0054	0.0053	0.0082	0.0083	mg/kg	3.	28	66.	64.	23 - 147
gamma-BHC	3490-8	< 0.005	0.0054	0.0054	0.0082	0.0083	mg/kg	1.	27	66.	65.	17 - 139
4,4'-DDT	3490-8	0.0035	0.0080	0.0080	0.0082	0.0083	mg/kg	1.	30	55.	54.	14 - 164
Dieldrin	3490-8	< 0.005	0.0060	0.0058	0.0082	0.0083	mg/kg	6.	30	73.	69.	23 - 160
Endrin	3490-8	< 0.005	0.0082	0.0081	0.0082	0.0083	mg/kg	1.	30	100.	98.	22 - 171
Heptachlor	3490-8	< 0.005	0.0070	0.0061	0.0082	0.0083	mg/kg	16.	30	86.	73.	21 - 148
TCMX	MS/MSD									95.	83.	35 - 140
Dibutyl chlorendate	MS/MSD									84.	76.	36 - 149

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8081

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8081

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Aldrin	LCS	0.0066	0.0082	mg/kg	80.	39 - 170
gamma-BHC	LCS	0.0054	0.0082	mg/kg	66.	45 - 132
4,4'-DDT	LCS	0.0059	0.0082	mg/kg	72.	47 - 145
Dieldrin	LCS	0.0065	0.0082	mg/kg	80.	62 - 143
Endrin	LCS	0.0083	0.0082	mg/kg	102.	71 - 150
Heptachlor	LCS	0.0079	0.0082	mg/kg	97.	45 - 139
TCMX	LCS				89.	35 - 140
Dibutyl chlorendate	LCS				96.	36 - 149

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8081

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8081

Samples Affected: 04-03490-5

Constituents	Method Blank Readings	Units
Aldrin	< 0.005	µg/L
alpha-BHC	< 0.005	µg/L
beta-BHC	< 0.005	µg/L
delta-BHC	< 0.005	µg/L
gamma-BHC	< 0.005	µg/L
Chlordane (Technical)	< 1.	µg/L
4,4'-DDD	< 0.005	µg/L
4,4'-DDE	< 0.005	µg/L
4,4'-DDT	< 0.005	µg/L
Dieldrin	< 0.005	µg/L
Endosulfan I	< 0.005	µg/L
Endosulfan II	< 0.005	µg/L
Endosulfan Sulfate	< 0.005	µg/L
Endrin	< 0.005	µg/L
Endrin Aldehyde	< 0.01	µg/L
Heptachlor	< 0.005	µg/L
Heptachlor Epoxide	< 0.005	µg/L
Methoxychlor	< 0.01	µg/L
Toxaphene	< 1.	µg/L
TCMX	47.	%
Dibutyl chlorendate	87.	%

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B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8081

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8081

Samples Affected: 04-03490-5

The Method Blank surrogate recovery for TCMX is outside QC limits.

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8081

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8081

Samples Affected: 04-03490-5

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Aldrin	3385-4	< 0.005	0.177	0.175	0.250	0.250	µg/L	2.	26	71.	70.	42 - 161
gamma-BHC	3385-4	< 0.005	0.153	0.148	0.250	0.250	µg/L	4.	27	61.	59.	46 - 141
4,4'-DDT	3385-4	< 0.005	0.159	0.162	0.250	0.250	µg/L	2.	30	64.	65.	42 - 165
Dieldrin	3385-4	< 0.005	0.198	0.198	0.250	0.250	µg/L	0.	30	79.	79.	58 - 159
Endrin	3385-4	< 0.005	0.220	0.224	0.250	0.250	µg/L	2.	30	88.	89.	61 - 173
Heptachlor	3385-4	< 0.005	0.245	0.220	0.250	0.250	µg/L	10.	26	98.	88.	42 - 155
TCMX	MS/MSD									69.	83.	57 - 127
Dibutyl chlorendate	MS/MSD									78.	84.	56 - 160

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8081

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/20/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8081

Samples Affected: 04-03490-5

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Aldrin	LCS	0.145	0.250	µg/L	58.	36 - 160
gamma-BHC	LCS	0.138	0.250	µg/L	55.	35 - 134
4,4'-DDT	LCS	0.137	0.250	µg/L	55.	55 - 136
Dieldrin	LCS	0.174	0.250	µg/L	70.	67 - 137
Endrin	LCS	0.191	0.250	µg/L	76.	67 - 154
Heptachlor	LCS	0.214	0.250	µg/L	85.	44 - 144
TCMX	LCS				63.	57 - 127
Dibutyl chlorendate	LCS				70.	56 - 160

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8082

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/20/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8082

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	Method Blank Readings	Units
PCB-1016	< 0.01	mg/kg
PCB-1221	< 0.01	mg/kg
PCB-1232	< 0.01	mg/kg
PCB-1242	< 0.01	mg/kg
PCB-1248	< 0.01	mg/kg
PCB-1254	< 0.01	mg/kg
PCB-1260	< 0.01	mg/kg
Total PCB's (Summation)	< 0.01	mg/kg
Decachlorobiphenyl	83.	%

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8082

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/20/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8082

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
PCB-1260	3490-8	< 0.01	0.075	0.052	0.083	0.082	mg/kg	35.	30	90.	64.	31 - 127
Decachlorobiphenyl	MS/MSD									60.	51.	29 - 130

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

The spike RPD for PCB-1260 is outside QC limits.

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

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QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8082

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/20/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8082

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
PCB-1260	LCS	0.070	0.083	mg/kg	85.	52 - 120
Decachlorobiphenyl	LCS				90.	29 - 130

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8082

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/15/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8082

Samples Affected: 04-03490-5

Constituents	Method Blank Readings	Units
PCB-1016	< 0.2	µg/L
PCB-1221	< 0.2	µg/L
PCB-1232	< 0.2	µg/L
PCB-1242	< 0.2	µg/L
PCB-1248	< 0.2	µg/L
PCB-1254	< 0.2	µg/L
PCB-1260	< 0.2	µg/L
Total PCB's (Summation)	< 0.2	µg/L
Decachlorobiphenyl	91.	%

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8082

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/15/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8082

Samples Affected: 04-03490-5

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
PCB-1260	OFW	< 0.2	1.990	2.219	2.500	2.500	µg/L	11.	30	80.	89.	52 - 128
Decachlorobiphenyl	MS/MSD									86.	94.	42 - 144

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8082

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/15/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8082

Samples Affected: 04-03490-5

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
PCB-1260	LCS	1.860	2.500	µg/L	74.	56 - 124
Decachlorobiphenyl	LCS				81.	42 - 144

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8270

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	Method Blank Readings	Units
Acenaphthene	< 0.1	mg/kg
Acenaphthylene	< 0.2	mg/kg
Aldrin	< 0.1	mg/kg
Aniline	< 0.2	mg/kg
Anthracene	< 0.1	mg/kg
Benzidine	< 3.	mg/kg
Benz (a) anthracene	< 0.1	mg/kg
Benzo (b) fluoranthene	< 0.1	mg/kg
Benzo (k) fluoranthene	< 0.1	mg/kg
Benzo (a) Pyrene	< 0.1	mg/kg
Benzo (ghi) perylene	< 0.1	mg/kg
Benzoic Acid	< 0.5	mg/kg
Benzyl alcohol	< 0.1	mg/kg
Benzyl butyl phthalate	< 0.1	mg/kg
alpha-BHC	< 0.1	mg/kg
beta-BHC	< 0.1	mg/kg
delta-BHC	< 0.1	mg/kg
gamma-BHC	< 0.1	mg/kg
bis(2-chloroethyl)ether	< 0.1	mg/kg
bis(2-chloroethoxy)methane	< 0.1	mg/kg
bis(2-chloro-1-methylethyl) et	< 0.1	mg/kg
bis(2-ethylhexyl)phthalate	< 0.2	mg/kg
4-Bromophenyl phenyl ether	< 0.1	mg/kg
4-Chloroaniline	< 0.1	mg/kg
2-Chloronaphthalene	< 0.1	mg/kg
4-Chlorophenyl phenyl ether	< 0.2	mg/kg
Chrysene	< 0.1	mg/kg
4,4-DDD'	< 0.1	mg/kg
4,4-DDE'	< 0.1	mg/kg

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8270

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	Method Blank Readings	Units
4,4-DDT'	< 0.1	mg/kg
Dibenzo (a,h) anthracene	< 0.1	mg/kg
Dibenzofuran	< 0.1	mg/kg
Di-n-butyl phthalate	< 0.1	mg/kg
1,2-Dichlorobenzene	< 0.1	mg/kg
1,3-Dichlorobenzene	< 0.1	mg/kg
1,4-Dichlorobenzene	< 0.1	mg/kg
3,3-Dichlorobenzidine	< 0.2	mg/kg
Dieldrin	< 0.1	mg/kg
Diethyl phthalate	< 0.1	mg/kg
Dimethyl phthalate	< 0.1	mg/kg
2,4-Dinitrotoluene	< 0.1	mg/kg
2,6-Dinitrotoluene	< 0.1	mg/kg
Di-n-octylphthalate	< 0.1	mg/kg
1,2-Diphenylhydrazine	< 0.1	mg/kg
Endosulfan I	< 0.2	mg/kg
Endosulfan II	< 0.2	mg/kg
Endosulfan sulfate	< 0.1	mg/kg
Endrin	< 0.2	mg/kg
Endrin Aldehyde	< 0.5	mg/kg
Fluoranthene	< 0.1	mg/kg
Fluorene	< 0.1	mg/kg
Heptachlor	< 0.1	mg/kg
Heptachlor epoxide	< 0.1	mg/kg
Hexachlorobenzene	< 0.1	mg/kg
Hexachlorobutadiene	< 0.1	mg/kg
Hexachlorocyclopentadiene	< 0.1	mg/kg
Hexachloroethane	< 0.1	mg/kg
Indeno (1,2,3-cd) pyrene	< 0.1	mg/kg

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8270

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	Method Blank Readings	Units
Isophorone	< 0.1	mg/kg
2-Methylnaphthalene	< 0.1	mg/kg
Naphthalene	< 0.1	mg/kg
2-Naphthylamine	< 3.	mg/kg
2-Nitroaniline	< 0.1	mg/kg
3-Nitroaniline	< 0.1	mg/kg
4-Nitroaniline	< 0.2	mg/kg
Nitrobenzene	< 0.1	mg/kg
n-Nitrosodimethylamine	< 0.1	mg/kg
n-Nitrosodiphenylamine	< 0.1	mg/kg
N-nitrosodi-n-propylamine	< 0.1	mg/kg
Phenanthrene	< 0.1	mg/kg
Pyrene	< 0.1	mg/kg
1,2,4-Trichlorobenzene	< 0.1	mg/kg
4-Chloro-3-methylphenol	< 0.2	mg/kg
2-Chlorophenol	< 0.1	mg/kg
2,4-Dichlorophenol	< 0.1	mg/kg
2,4-Dimethylphenol	< 0.1	mg/kg
2,4-Dinitrophenol	< 0.5	mg/kg
2-Methyl-4,6-dinitrophenol	< 0.5	mg/kg
2-Methylphenol	< 0.1	mg/kg
3- & 4-Methylphenol	< 0.1	mg/kg
2-Nitrophenol	< 0.1	mg/kg
4-Nitrophenol	< 0.2	mg/kg
Pentachlorophenol	< 0.2	mg/kg
Phenol	< 0.1	mg/kg
2,4,5-Trichlorophenol	< 0.2	mg/kg
2,4,6-Trichlorophenol	< 0.2	mg/kg
2-Fluorophenol	80.	%

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8270

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	Method Blank Readings	Units
Phenol-d5	83.	%
Nitrobenzene-d5	80.	%
2-Fluorobiphenyl	87.	%
2,4,6-Tribromophenol	98.	%
d14-Terphenyl	113.	%

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8270

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Acenaphthene	SOLIDS-3490-8-	< 0.1	2.02	1.82	2.59	2.67	mg/kg	10.	30	78.	68.	22 - 145
1,4-Dichlorobenzene	SOLIDS-3490-8-	< 0.1	2.09	1.72	2.59	2.67	mg/kg	18.	28	81.	65.	40 - 115
2,4-Dinitrotoluene	SOLIDS-3490-8-	< 0.1	2.37	2.17	2.59	2.67	mg/kg	8.	30	92.	81.	41 - 118
Hexachlorobenzene	SOLIDS-3490-8-	< 0.1	1.37	1.21	2.59	2.67	mg/kg	12.	30	53.	45.	15 - 101
Hexachlorobutadiene	SOLIDS-3490-8-	< 0.1	2.08	1.78	2.59	2.67	mg/kg	15.	30	80.	67.	38 - 115
Hexachloroethane	SOLIDS-3490-8-	< 0.1	2.17	1.59	2.59	2.67	mg/kg	29.	30	84.	60.	39 - 114
Nitrobenzene	SOLIDS-3490-8-	< 0.1	2.28	1.89	2.59	2.67	mg/kg	18.	30	88.	71.	35 - 122
N-nitrosodi-n-propylamine	SOLIDS-3490-8-	< 0.1	2.05	1.72	2.59	2.67	mg/kg	16.	29	79.	65.	35 - 119
Pyrene	SOLIDS-3490-8-	< 0.1	1.99	1.86	2.59	2.67	mg/kg	6.	30	75.	68.	14 - 176
1,2,4-Trichlorobenzene	SOLIDS-3490-8-	< 0.1	2.12	1.81	2.59	2.67	mg/kg	15.	30	82.	68.	42 - 121
4-Chloro-3-methylphenol	SOLIDS-3490-8-	< 0.2	2.62	2.25	2.59	2.67	mg/kg	14.	30	101.	84.	37 - 135
2-Chlorophenol	SOLIDS-3490-8-	< 0.1	2.36	1.94	2.59	2.67	mg/kg	18.	30	91.	73.	44 - 113
2-Methylphenol	SOLIDS-3490-8-	< 0.1	2.40	1.98	2.59	2.67	mg/kg	18.	30	93.	74.	46 - 123
3- & 4-Methylphenol	SOLIDS-3490-8-	< 0.1	2.27	1.79	2.59	2.67	mg/kg	22.	30	88.	67.	36 - 134
4-Nitrophenol	SOLIDS-3490-8-	< 0.2	1.79	1.72	2.59	2.67	mg/kg	3.	30	69.	64.	11 - 127
Pentachlorophenol	SOLIDS-3490-8-	< 0.2	2.29	2.08	2.59	2.67	mg/kg	9.	30	88.	78.	17 - 150
Phenol	SOLIDS-3490-8-	< 0.1	2.23	1.71	2.59	2.67	mg/kg	25.	30	86.	64.	33 - 125
2,4,6-Trichlorophenol	SOLIDS-3490-8-	< 0.2	2.69	2.38	2.59	2.67	mg/kg	11.	30	104.	89.	45 - 123
2-Fluorophenol	MS/MSD									89.	134.	25 - 121
Phenol-d5	MS/MSD									89.	135.	24 - 113
Nitrobenzene-d5	MS/MSD									94.	151.	23 - 120
2-Fluorobiphenyl	MS/MSD									81.	125.	30 - 115
2,4,6-Tribromophenol	MS/MSD									109.	187.	19 - 122
d14-Terphenyl	MS/MSD									84.	147.	18 - 137

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8270

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

The matrix spike duplicate surrogate recoveries for all compounds are outside QC limits.

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8270

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Acenaphthene	SOLIDS-LCS	2.15	2.67	mg/kg	81.	44 - 121
1,4-Dichlorobenzene	SOLIDS-LCS	1.79	2.67	mg/kg	67.	42 - 119
2,4-Dinitrotoluene	SOLIDS-LCS	2.16	2.67	mg/kg	81.	54 - 118
Hexachlorobenzene	SOLIDS-LCS	1.41	2.67	mg/kg	53.	27 - 102
Hexachlorobutadiene	SOLIDS-LCS	1.97	2.67	mg/kg	74.	42 - 118
Hexachloroethane	SOLIDS-LCS	1.78	2.67	mg/kg	67.	39 - 123
Nitrobenzene	SOLIDS-LCS	2.10	2.67	mg/kg	79.	48 - 119
N-nitrosodi-n-propylamine	SOLIDS-LCS	1.80	2.67	mg/kg	67.	47 - 109
Pyrene	SOLIDS-LCS	2.52	2.67	mg/kg	94.	41 - 127
1,2,4-Trichlorobenzene	SOLIDS-LCS	1.99	2.67	mg/kg	74.	46 - 119
4-Chloro-3-methylphenol	SOLIDS-LCS	2.36	2.67	mg/kg	88.	57 - 126
2-Chlorophenol	SOLIDS-LCS	1.91	2.67	mg/kg	71.	50 - 114
2-Methylphenol	SOLIDS-LCS	2.12	2.67	mg/kg	79.	52 - 120
3- & 4-Methylphenol	SOLIDS-LCS	2.09	2.67	mg/kg	78.	45 - 127
4-Nitrophenol	SOLIDS-LCS	2.04	2.67	mg/kg	76.	38 - 91
Pentachlorophenol	SOLIDS-LCS	2.50	2.67	mg/kg	93.	52 - 143
Phenol	SOLIDS-LCS	2.08	2.67	mg/kg	78.	49 - 122
2,4,6-Trichlorophenol	SOLIDS-LCS	2.43	2.67	mg/kg	91.	52 - 124
2-Fluorophenol	SOLIDS-LCS				80.	25 - 121
Phenol-d5	SOLIDS-LCS				84.	24 - 113
Nitrobenzene-d5	SOLIDS-LCS				81.	23 - 120
2-Fluorobiphenyl	SOLIDS-LCS				87.	30 - 115
2,4,6-Tribromophenol	SOLIDS-LCS				101.	19 - 122
d14-Terphenyl	SOLIDS-LCS				98.	18 - 137

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/26/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1*8270

Samples Affected: 04-03490-1 - 04-03490-4, 04-03490-6 - 04-03490-15

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8270

Samples Affected: 04-03490-5

Constituents	Method Blank Readings	Units
Acenaphthene	< 2.	µg/L
Acenaphthylene	< 2.	µg/L
Aldrin	< 2.	µg/L
Aniline	< 5.	µg/L
Anthracene	< 2.	µg/L
Benzidine	<20.	µg/L
Benzo (a) anthracene	< 2.	µg/L
Benzo (b) fluoranthene	< 2.	µg/L
Benzo (k) fluoranthene	< 2.	µg/L
Benzo (a) pyrene	< 2.	µg/L
Benzo (ghi) perylene	< 2.	µg/L
Benzoic Acid	<10.	µg/L
Benzyl alcohol	< 2.	µg/L
Butyl Benzyl phthalate	< 2.	µg/L
alpha-BHC	< 2.	µg/L
beta-BHC	< 2.	µg/L
delta-BHC	< 2.	µg/L
gamma-BHC	< 2.	µg/L
bis(2-chloroethyl)ether	< 2.	µg/L
bis(2-chloroethoxy)methane	< 2.	µg/L
bis(2-chloro-1-methylethyl) et	< 2.	µg/L
bis(2-ethylhexyl)phthalate	< 5.	µg/L
4-Bromophenyl phenyl ether	< 2.	µg/L
4-Chloroaniline	< 2.	µg/L
2-Chloronaphthalene	< 2.	µg/L
4-Chlorophenyl phenyl ether	< 2.	µg/L
Chrysene	< 2.	µg/L
4,4-DDD'	< 2.	µg/L
4,4-DDE'	< 3.	µg/L

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8270

Samples Affected: 04-03490-5

Constituents	Method Blank Readings	Units
4,4-DDT'	< 2.	µg/L
Dibenzo (a,h) anthracene	< 3.	µg/L
Dibenzofuran	< 2.	µg/L
Di-n-butyl phthalate	< 2.	µg/L
1,2-Dichlorobenzene	< 2.	µg/L
1,3-Dichlorobenzene	< 2.	µg/L
1,4-Dichlorobenzene	< 2.	µg/L
3,3-Dichlorobenzidine	<10.	µg/L
Dieldrin	< 3.	µg/L
Diethyl phthalate	< 2.	µg/L
Dimethyl phthalate	< 2.	µg/L
2,4-Dinitrotoluene	< 2.	µg/L
2,6-Dinitrotoluene	< 2.	µg/L
Di-n-octylphthalate	< 2.	µg/L
1,2-Diphenylhydrazine	< 2.	µg/L
Endosulfan I	<10.	µg/L
Endosulfan II	<10.	µg/L
Endosulfan sulfate	< 3.	µg/L
Endrin	< 2.	µg/L
Endrin aldehyde	<10.	µg/L
Fluoranthene	< 2.	µg/L
Fluorene	< 2.	µg/L
Heptachlor	< 2.	µg/L
Heptachlor epoxide	< 2.	µg/L
Hexachlorobenzene	< 2.	µg/L
Hexachlorobutadiene	< 2.	µg/L
Hexachlorocyclopentadiene	< 2.	µg/L
Hexachloroethane	< 2.	µg/L
Indeno (1,2,3-cd) pyrene	< 2.	µg/L

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B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8270

Samples Affected: 04-03490-5

Constituents	Method Blank Readings	Units
Isophorone	< 2.	µg/L
2-Methylnaphthalene	< 2.	µg/L
Naphthalene	< 2.	µg/L
2-Naphthylamine	<20.	µg/L
2-Nitroaniline	< 2.	µg/L
3-Nitroaniline	< 2.	µg/L
4-Nitroaniline	< 5.	µg/L
Nitrobenzene	< 2.	µg/L
n-Nitrosodimethylamine	< 2.	µg/L
n-Nitrosodiphenylamine	< 2.	µg/L
N-Nitrosodi-n-propylamine	< 2.	µg/L
Phenanthrene	< 2.	µg/L
Pyrene	< 2.	µg/L
1,2,4-Trichlorobenzene	< 2.	µg/L
4-Chloro-3-methylphenol	< 5.	µg/L
2-Chlorophenol	< 2.	µg/L
2,4-Dichlorophenol	< 2.	µg/L
2,4-Dimethylphenol	< 2.	µg/L
2,4-Dinitrophenol	<10.	µg/L
2-Methyl-4,6-dinitrophenol	<10.	µg/L
2-Methylphenol	< 2.	µg/L
3- & 4-Methylphenol	< 2.	µg/L
2-Nitrophenol	< 2.	µg/L
4-Nitrophenol	< 2.	µg/L
Pentachlorophenol	<10.	µg/L
Phenol	< 2.	µg/L
2,4,5-Trichlorophenol	< 5.	µg/L
2,4,6-Trichlorophenol	< 5.	µg/L
2-Fluorophenol	69.	%

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8270

Samples Affected: 04-03490-5

Constituents	Method Blank Readings	Units
Phenol-d5	38.	%
Nitrobenzene-d5	102.	%
2-Fluorobiphenyl	120.	%
2,4,6-Tribromophenol	105.	%
d14-Terphenyl	112.	%

The Method Blank surrogate recovery for 2-Fluorobiphenyl is outside QC limits.

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8270

Samples Affected: 04-03490-5

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Acenaphthene	04 GC-8270-MS-	< 2.	67.21	65.45	80.00	80.00	µg/L	6.	17	84.	82.	47 - 115
1,4-Dichlorobenzene	04 GC-8270-MS-	< 2.	60.41	58.47	80.00	80.00	µg/L	6.	22	76.	73.	44 - 113
2,4-Dinitrotoluene	04 GC-8270-MS-	< 2.	68.17	71.77	80.00	80.00	µg/L	2.	16	85.	90.	53 - 121
Hexachlorobenzene	04 GC-8270-MS-	< 2.	44.87	47.47	80.00	80.00	µg/L	2.	19	56.	59.	38 - 75
Hexachlorobutadiene	04 GC-8270-MS-	< 2.	55.92	51.28	80.00	80.00	µg/L	12.	24	70.	64.	36 - 119
Hexachloroethane	04 GC-8270-MS-	< 2.	62.10	54.08	80.00	80.00	µg/L	17.	29	78.	68.	27 - 123
Nitrobenzene	04 GC-8270-MS-	< 2.	68.03	67.74	80.00	80.00	µg/L	4.	18	85.	85.	57 - 116
N-Nitrosodi-n-propylamine	04 GC-8270-MS-	< 2.	61.11	62.20	80.00	80.00	µg/L	1.	18	76.	78.	56 - 102
Pyrene	04 GC-8270-MS-	< 2.	67.22	68.78	80.00	80.00	µg/L	1.	29	84.	86.	35 - 124
1,2,4-Trichlorobenzene	04 GC-8270-MS-	< 2.	62.77	60.55	80.00	80.00	µg/L	7.	21	78.	76.	53 - 112
4-Chloro-3-methylphenol	04 GC-8270-MS-	< 5.	77.90	75.80	80.00	80.00	µg/L	6.	15	97.	95.	62 - 122
2-Chlorophenol	04 GC-8270-MS-	< 2.	68.25	68.09	80.00	80.00	µg/L	3.	16	85.	85.	44 - 112
2-Methylphenol	04 GC-8270-MS-	< 2.	65.71	66.29	80.00	80.00	µg/L	2.	17	82.	83.	46 - 109
3- & 4-Methylphenol	04 GC-8270-MS-	< 2.	57.37	55.16	80.00	80.00	µg/L	7.	19	72.	69.	35 - 111
4-Nitrophenol	04 GC-8270-MS-	< 2.	23.15	23.30	80.00	80.00	µg/L	3.	29	29.	29.	12 - 52
Pentachlorophenol	04 GC-8270-MS-	< 10.	86.54	87.86	80.00	80.00	µg/L	2.	30	108.	110.	22 - 156
Phenol	04 GC-8270-MS-	< 2.	34.91	34.63	80.00	80.00	µg/L	4.	23	44.	43.	22 - 66
2,4,6-Trichlorophenol	04 GC-8270-MS-	< 5.	77.23	80.12	80.00	80.00	µg/L	1.	17	97.	100.	54 - 126
2-Fluorophenol	MS/MSD									67.	66.	21 - 100
Phenol-d5	MS/MSD									45.	45.	10 - 94
Nitrobenzene-d5	MS/MSD									96.	94.	35 - 114
2-Fluorobiphenyl	MS/MSD									92.	89.	43 - 116
2,4,6-Tribromophenol	MS/MSD									107.	110.	10 - 123
d14-Terphenyl	MS/MSD									90.	88.	33 - 141

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8270

Samples Affected: 04-03490-5

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8270

Samples Affected: 04-03490-5

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Acenaphthene	04_GC-8270	72.60	80.00	µg/L	91.	51 - 120
1,4-Dichlorobenzene	04_GC-8270	64.78	80.00	µg/L	81.	56 - 109
2,4-Dinitrotoluene	04_GC-8270	75.24	80.00	µg/L	94.	57 - 125
Hexachlorobenzene	04_GC-8270	50.34	80.00	µg/L	63.	45 - 74
Hexachlorobutadiene	04_GC-8270	58.83	80.00	µg/L	74.	42 - 119
Hexachloroethane	04_GC-8270	65.22	80.00	µg/L	82.	42 - 119
Nitrobenzene	04_GC-8270	74.69	80.00	µg/L	93.	65 - 113
N-Nitrosodi-n-propylamine	04_GC-8270	67.56	80.00	µg/L	84.	59 - 104
Pyrene	04_GC-8270	76.08	80.00	µg/L	95.	37 - 125
1,2,4-Trichlorobenzene	04_GC-8270	66.69	80.00	µg/L	83.	60 - 110
4-Chloro-3-methylphenol	04_GC-8270	82.91	80.00	µg/L	104.	64 - 120
2-Chlorophenol	04_GC-8270	73.01	80.00	µg/L	91.	57 - 107
2-Methylphenol	04_GC-8270	71.75	80.00	µg/L	90.	44 - 113
3- & 4-Methylphenol	04_GC-8270	60.60	80.00	µg/L	76.	36 - 113
4-Nitrophenol	04_GC-8270	25.13	80.00	µg/L	31.	12 - 54
Pentachlorophenol	04_GC-8270	93.54	80.00	µg/L	117.	48 - 143
Phenol	04_GC-8270	36.80	80.00	µg/L	46.	22 - 65
2,4,6-Trichlorophenol	04_GC-8270	86.06	80.00	µg/L	108.	63 - 126
2-Fluorophenol	04_GC-8270				70.	21 - 100
Phenol-d5	04_GC-8270				47.	10 - 94
Nitrobenzene-d5	04_GC-8270				104.	35 - 114
2-Fluorobiphenyl	04_GC-8270				101.	43 - 116
2,4,6-Tribromophenol	04_GC-8270				119.	10 - 123
d14-Terphenyl	04_GC-8270				98.	33 - 141

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QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/19/2004
Sample Matrix: Water
QC Batch ID: 200403490-5*8270

Samples Affected: 04-03490-5

Quality Control Officer

Danette Bohm

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QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/12/2004
Sample Matrix: Water
QC Batch ID: 200403490-5A*8270

Samples Affected: 04-03490-5A

Constituents	Method Blank Readings	Units
1,4-Dioxane	< 2.	µg/L
Naphthalene-d8	109.	%

Quality Control Officer

Danette Bohm

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QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/12/2004
Sample Matrix: Water
QC Batch ID: 200403490-5A*8270

Samples Affected: 04-03490-5A

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
1,4-Dioxane	SDI	< 2.	84.57	84.97	80.00	80.00	µg/L	0.	30	106.	106.	70 - 130
Naphthalene-d8	MS/MSD									98.	113.	70 - 130

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT - LEVEL I
(Laboratory Control Sample)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/12/2004
Sample Matrix: Water
QC Batch ID: 200403490-5A*8270

Samples Affected: 04-03490-5A

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
1,4-Dioxane	LCSW	94.05	80.00	µg/L	118.	70 - 130
Naphthalene-d8	LCSW				118.	70 - 130

Quality Control Officer

Danette Bohm

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/12/2004
Sample Matrix: Soil
QC Batch ID: 200403490-6A*8270

Samples Affected: 04-03490-6A, 04-03490-7A, 04-03490-10A, 04-03490-11A

Constituents	Method Blank Readings	Units
1,4-Dioxane	< 0.07	mg/kg
Naphthalene-d8	97.	%

Quality Control Officer

Danette Bohm

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QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/12/2004
Sample Matrix: Soil
QC Batch ID: 200403490-6A*8270

Samples Affected: 04-03490-6A, 04-03490-7A, 04-03490-10A, 04-03490-11A

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
1,4-Dioxane	Baked Soil	< 0.07	2.73	2.70	2.67	2.66	mg/kg	1.	30	102.	102.	70 - 130
Naphthalene-d8	MS/MSD									102.	98.	70 - 130

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/12/2004
Sample Matrix: Soil
QC Batch ID: 200403490-6A*8270

Samples Affected: 04-03490-6A, 04-03490-7A, 04-03490-10A, 04-03490-11A

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
1,4-Dioxane	LCSS	2.77	2.59	mg/kg	107.	70 - 130
Naphthalene-d8	LCSS				96.	70 - 130

Quality Control Officer

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QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1A*8270

Samples Affected: 04-03490-1A - 04-03490-4A, 04-03490-8A, 04-03490-9A, 04-03490-12A - 04-03490-15A

Constituents	Method Blank Readings	Units
1,4-Dioxane	< 0.03	mg/kg
Naphthalene-d8	103.	%

Quality Control Officer

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QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1A*8270

Samples Affected: 04-03490-1A - 04-03490-4A, 04-03490-8A, 04-03490-9A, 04-03490-12A - 04-03490-15A

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
1,4-Dioxane	Baked Soil	< 0.03	2.47	2.46	2.67	2.66	mg/kg	0.	30	92.	92.	70 - 130
Naphthalene-d8	MS/MSD									100.	103.	70 - 130

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

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BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8270

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
IRVINE, CA 92612
SHARON WALLIN

Date of Report: 04/21/2004
Sample Matrix: Soil
QC Batch ID: 200403490-1A*8270

Samples Affected: 04-03490-1A - 04-03490-4A, 04-03490-8A, 04-03490-9A, 04-03490-12A - 04-03490-15A

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
1,4-Dioxane	LCSS	2.57	2.67	mg/kg	97.	70 - 130
Naphthalene-d8	LCSS				103.	70 - 130

Quality Control Officer

Danette Bohm

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INVOICE NO
179555

BC LABORATORIES, INC.

Client Copy

J.J. Eglin, Reg. Chem. Engr.
4100 Atlas Court, Bakersfield, California 93308 Phone (661) 327-4911; Fax (661) 327-1918

Client No.
CMPDB

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
Attn: ACCOUNTS PAYABLE 949-752-5452
IRVINE, CA 92612

PO Number:
Invoice Date: 04/28/2004
Lab Number: 04-03490
Submitted On: 04/06/2004
Submitted By: BC LABORATORIES, INC.

Payment Due: 05/28/2004
Terms: Net 30 days

Quantity	Description of Service	Dept.	Unit	Amount
1	10500-37240, OMEGA, OC-SS-000-17-040604, 04/06/2004 @ 08:40, MIKE HOFFMAN			
2	10500-37240, OMEGA, OC-SS-000-18-040604, 04/06/2004 @ 08:55, MIKE HOFFMAN			
3	10500-37240, OMEGA, OC-SS-000-19-040604, 04/06/2004 @ 09:05, MIKE HOFFMAN			
4	10500-37240, OMEGA, OC-SS-000-20-040604, 04/06/2004 @ 09:20, MIKE HOFFMAN			
5	10500-37240, OMEGA, OC-SS-700-20-040604, 04/06/2004 @ 09:50, MIKE HOFFMAN			
6	10500-37240, OMEGA, OC-SS-000-04-040504, 04/05/2004 @ 15:45, MIKE HOFFMAN			
7	10500-37240, OMEGA, OC-SS-000-12-040504, 04/05/2004 @ 16:10, MIKE HOFFMAN			
8	10500-37240, OMEGA, OC-SS-000-09-040504, 04/05/2004 @ 17:00, MIKE HOFFMAN			
9	10500-37240, OMEGA, OC-SS-000-10-040504, 04/05/2004 @ 17:20, MIKE HOFFMAN			
10	10500-37240, OMEGA, OC-SS-000-11-040504, 04/05/2004 @ 17:40, MIKE HOFFMAN			
11	10500-37240, OMEGA, OC-SS-500-11-040504, 04/05/2004 @ 17:45, MIKE HOFFMAN			
12	10500-37240, OMEGA, OC-SS-000-14-040504, 04/05/2004 @ 17:55, MIKE HOFFMAN			
13	10500-37240, OMEGA, OC-SS-000-15-040504, 04/05/2004 @ 18:10, MIKE HOFFMAN			
14	10500-37240, OMEGA, OC-SS-000-16-040504, 04/05/2004 @ 18:30, MIKE HOFFMAN			
15	10500-37240, OMEGA, OC-SS-000-13-040504, 04/05/2004 @ 18:40, MIKE HOFFMAN			
1A	10500-37240, OMEGA, OC-SS-000-17-040604, 04/06/2004 @ 08:40, MIKE HOFFMAN			
2A	10500-37240, OMEGA, OC-SS-000-18-040604, 04/06/2004 @ 08:55, MIKE HOFFMAN			
3A	10500-37240, OMEGA, OC-SS-000-19-040604, 04/06/2004 @ 09:05, MIKE HOFFMAN			
4A	10500-37240, OMEGA, OC-SS-000-20-040604, 04/06/2004 @ 09:20, MIKE HOFFMAN			
5A	10500-37240, OMEGA, OC-SS-700-20-040604, 04/06/2004 @ 09:50, MIKE HOFFMAN			
6A	10500-37240, OMEGA, OC-SS-000-04-040504, 04/05/2004 @ 15:45, MIKE HOFFMAN			
7A	10500-37240, OMEGA, OC-SS-000-12-040504, 04/05/2004 @ 16:10, MIKE HOFFMAN			
8A	10500-37240, OMEGA, OC-SS-000-09-040504,			

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BC LABORATORIES, INC.

J.J. Eglin, Reg. Chem. Engr.

4100 Atlas Court, Bakersfield, California 93308 Phone (661) 327-4911; Fax (661) 327-1918

Client No. CMPDB

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
Attn: ACCOUNTS PAYABLE 949-752-5452
IRVINE, CA 92612

PO Number:
Invoice Date: 04/28/2004
Lab Number: 04-03490
Submitted On: 04/06/2004
Submitted By: BC LABORATORIES, INC.

Payment Due: 05/28/2004
Terms: Net 30 days

Quantity	Description of Service	Dept.	Unit	Amount
	04/05/2004 @ 17:00, MIKE HOFFMAN			
9A	10500-37240, OMEGA, OC-SS-000-10-040504, 04/05/2004 @ 17:20, MIKE HOFFMAN			
10A	10500-37240, OMEGA, OC-SS-000-11-040504, 04/05/2004 @ 17:40, MIKE HOFFMAN			
11A	10500-37240, OMEGA, OC-SS-500-11-040504, 04/05/2004 @ 17:45, MIKE HOFFMAN			
12A	10500-37240, OMEGA, OC-SS-000-14-040504, 04/05/2004 @ 17:55, MIKE HOFFMAN			
13A	10500-37240, OMEGA, OC-SS-000-15-040504, 04/05/2004 @ 18:10, MIKE HOFFMAN			
14A	10500-37240, OMEGA, OC-SS-000-16-040504, 04/05/2004 @ 18:30, MIKE HOFFMAN			
15A	10500-37240, OMEGA, OC-SS-000-13-040504, 04/05/2004 @ 18:40, MIKE HOFFMAN			
14	ORGANICS: EPA 8081 - Organo-Chlorine Pesticides - ORGANICS: EPA 8082 - PCB Analysis - (Samples 1, (Samples 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15)	205	135.00	1890.00
1	ORGANICS: EPA 8081 - Organo-Chlorine Pesticides - ORGANICS: EPA 8082 - PCB Analysis - (Samples 1, (Sample 5)	205	135.00	135.00
14	ORGANICS: EPA 8270 - Acid Extractable and Base Neutral Organics - (Samples 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15)	205	145.00	2030.00
1	ORGANICS: EPA 8270 - Acid Extractable and Base Neutral Organics - (Sample 5)	205	145.00	145.00
14	ORGANICS: EPA 8270 - Acid Extractables & Base Neutrals - (Samples 1A, 2A, 3A, 4A, 6A, 7A, 8A, 9A, 10A, 11A, 12A, 13A, 14A, 15A)	205	135.00	1890.00
1	ORGANICS: EPA 8270 - Acid Extractables & Base Neutrals - (Sample 5A)	205	135.00	135.00
14	TOTAL: 17-Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn) - (Samples 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15)	207	125.00	1750.00

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BC LABORATORIES, INC.

Client Copy

J.J. Eglin, Reg. Chem. Engr.
4100 Atlas Court, Bakersfield, California 93308 Phone (661) 327-4911; Fax (661) 327-1918

Client No. CMPDB

CAMP DRESSER & MCKEE INC.
18581 TELLER AVE
SUITE 200
Attn: ACCOUNTS PAYABLE 949-752-5452
IRVINE, CA 92612

PO Number:
Invoice Date: 04/28/2004
Lab Number: 04-03490
Submitted On: 04/06/2004
Submitted By: BC LABORATORIES, INC.

Payment Due: 05/28/2004
Terms: Net 30 days

Quantity	Description of Service	Dept.	Unit	Amount
1	QC REPORTS: Level IV - (Samples 3, 4, 10, 13, 3A, 4A, 10A, 13A)	214	324.00	324.00
				==========
				$8299.00

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APPENDIX B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

October 15, 2007

Mr. Edward Modiano
OPOG Project Coordinator
De Maximis, Inc.
1322 Scott Street, Suite 101
San Diego, CA 92106

RE: Technical Memorandum, Expanded Soil Vapor Extraction Pilot Test Findings, Omega Chemical Superfund Site, CDM, August 31, 2007

Dear Mr. Modiano:

The purpose of this letter is to provide EPA's comments on the subject document. The subject document need not be revised or re-submitted. However, the comments in this letter should be incorporated into the OU-1 Feasibility Study.

General Comments

1. Visual description of soils in lithologic logs is not consistent and differs from one field geologist to another. The logs for VMP-2 and VMP-3 have little detail, no description of plasticity, and seem to bias the soil classification toward clays. (e.g., VMP-2, 18-28 feet; VMP-3, 18-23 feet). Reconcile the soil description with grain size analysis results from the Remedial Investigation report (Appendix A), which classify soil samples overwhelmingly as silt. Also, none of the lithologic logs shows the "30-foot" clay zone depicted in the conceptual model.
2. The test analysis should include the evaluation of the dependence of vapor flow rate on the applied wellhead vacuum (e.g., flow versus wellhead vacuum charts for all tested extraction wells) for the optimization of extraction rates and equipment sizing. This should be included in the FS.
3. Soil air permeability: The document does not include the analysis of the transient SVE test for soil properties, stated as an objective in Section 2. CDM provided the transient SVE data from the June 2007 testing including the time-pressure readings, vapor flowrates, and well construction details electronically to CH2M HILL.

   CH2M HILL analyzed the test data for soil properties by fitting a semi-analytical model for a pressure-controlled SVE well (Perina and Lee, 2007) to the measured field data and

minimizing the error between the data and the model. The model simulates soil vapor flow near a SVE well partially penetrating a vadose zone with a leaky ground cover. The estimated soil properties included the horizontal and vertical soil air permeability, air filled porosity, and the leakage factor.

Initial fitting indicated that the ground cover is not a barrier to vapor flow; in further analysis the leakage factor was kept at a constant value representing a no-vapor flow barrier at the ground surface. Atmospheric air likely leaks through the ground surface via cracks in the concrete pavement and/or through permeable material immediately below the concrete.

The analysis results (Table 1) are presented as preliminary. The estimated soil properties are consistent for all the test data indicating fairly uniform soils within the test area. This result means that the 30-foot layer had no detectable effect on the soil vapor pressure distribution during the test. The model fit curves to the measured pressure data are presented in Figures 1 to 4.

The estimated horizontal soil air permeability (in the radial direction relative to the extraction well), k_r of 1.9×10^{-8} cm^2 falls within a range reported for silt and silty sand (Freeze and Cherry, 1979; Table 2.2). The soils in the vadose zone can be characterized as silts (most of the soil samples collected at the site were characterized a silt based on grain size analysis - CDM, RI report 2007) with occasional sand stringers (described in boring logs - RI report and this memo).

The estimated soil air permeability in the vertical direction, k_z of 1.5×10^{-7} cm^2 is higher than expected (k_z was expected to be lower than k_r). This result may represent the site conditions, or it may be biased because of vapor leakage along the well casing or incorrectly measured distances to the observation wells (these factors are listed only for the completeness of the possible causes of the high estimate).

The estimated air filled porosity of 0.03 represents the connected pore space open to soil vapor flow; the estimated value is very low and could be caused by high moisture content and soil texture. It is also possible that the porosity estimate is skewed by the effects of gas slippage and soil heterogeneities not accounted for in the model (the model represents homogeneous soil properties).

Incorporation of data from the step tests conducted at the site in the inverse modeling would be expected to improve the estimates of the soil properties. Further analysis can be performed as needed.

Specific Comments

1. Page 1, 2nd paragraph. Add Freon 11 and Freon 113 to the primary VOCs.
2. Section 5. Add a summary table to show the test schedule. It is stated in the text that a one-day step test was done for each of the three SEV wells (VE6S through VE8S). However, the analytical results suggest a different schedule. Specifically, it seems that two samples were taken from VE-7S at different dates, with the following IDs: GAC_Influent_VE7S_061407 and GAC_Influent_VE7S_061907. Add a summary table to show when and where samples were taken; it can be combined with the test schedule table.

TABLE 1
Preliminary Estimates of Soil Properties from June 2007
Soil Vapor Extraction Testing at Omega Chemical OU-1

	unit	VMP-6	VMP-2	VE-4M	VE-4S	combination	average
cv	[m]	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
Kz	[m^2]	1.48E-11	1.62E-11	1.70E-11	1.11E-11	**1.40E-11**	1.48E-11
Kr	[m^2]	2.10E-12	1.61E-12	1.84E-12	2.06E-12	**1.91E-12**	1.90E-12
porosity	[-]	0.0260	0.0219	0.0354	0.0274	**0.035**	0.028
Kz/Kr	[-]	7.0	10.1	9.2	5.4	7.3	7.8

Explanation:
Transient SVE test data were collected and provided by OPOG/CDM.
The names of the estimated parameters and representative results are in bold.
kr = soil air permeability in the radial direction
kz = soil air permeability in the vertical direction
cv = kz'/viscosity/b', where b' = thickness and kz' = permeability of ground cover
cv was held fixed (not estimated); including cv as unknown resulted in non-convergence porosity is the effective air-filled porosity
The model used is the SVE well function for a leaky domain (Perina and Lee, 2007).
All fitting was done by weighted non-linear least squares (modified Marquardt method).
Observed data used for fitting included monitoring well pressure and extraction flowrate.
SVE model used is for pressure-controlled extraction well.
Representative results are in bold.
combination = integrated fitting to all observation wells
average = mean parameters from all individual well fitting
Estimated Kr corresponds to silt/silty sand (Freeze and Cherry, 1979; Table 2.2).

Calculation of kz' from cv:
assuming concrete pavement 4in = 0.1m thick

viscosity	b'	kz'
[kg/m/s]	[m]	[m^2]
1.81E-05	0.1	1.81E-11

Figure 1
VMP-6 Fitting

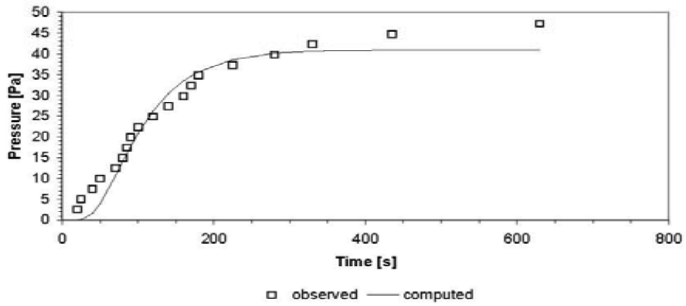


Figure 2
VMP-2 Fitting

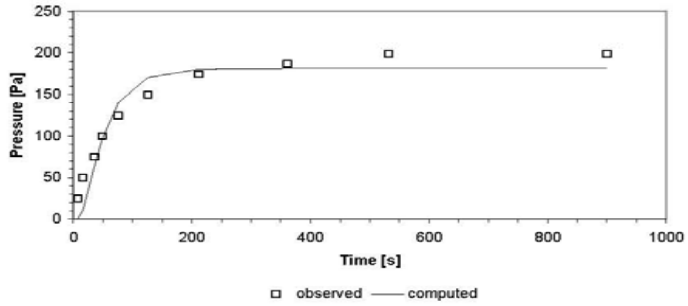


Figure 3
VE-4M Fitting

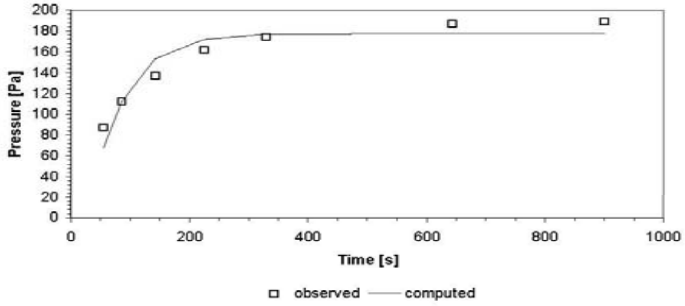
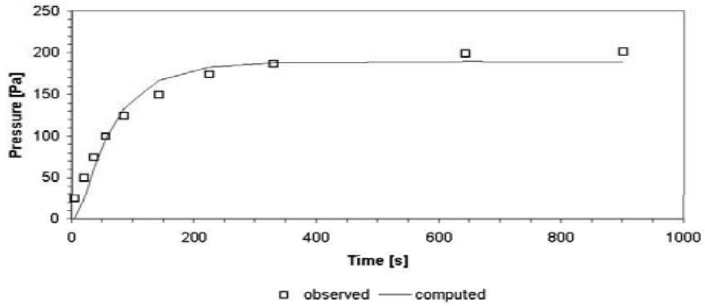


Figure 4
VE-4S Fitting



3. Section 6: The text states that the soil vapor sample results were biased low due to technical problems with the sample collection. List all samples that were affected, state whether only the samples taken during the pneumatic testing were compromised, and confirm (in Section 7) whether the samples used for the calculation of the mass removal rate were unaffected. The concentrations shown in Table 6-1 sharply increase for samples collected after June 20, 2007; add explanation for the asterisk symbol (*) in the table. CH2M HILL took two split samples as part of the field oversight of the test. The split samples results show much higher concentrations than the corresponding samples taken by CDM:

Sample Taken from VE6S Test on 6/18/2007

	CDM_Results (ppbv)	CH2M HILL_Results (ppbv)
PCE	320	50,000
TCE	380	25,000
1,1-DCE	490	19,000
Freon 11	85	2,200
Freon 113	ND	4,500

Sample Taken from VE7S Test on 6/19/2007

	CDM_Results (ppbv)	CH2M HILL_Results (ppbv)
PCE	2,400	490,000
TCE	810	35,000
1,1-DCE	5,800	110,000
Freon 11	830	17,000
Freon 113	3,100	48,000

4. Section 6.0, Page 5, 1st Paragraph: Although EPA Method TO-15 was specified for vapor analysis, it appears that EPA Method TO-14 was often used based on footnotes in the analytical reports. This change in methods should be discussed and explained.

5. Table 6-1. VGAC Outlet data are missing and should be included.

6. Section 7.0, Page 6, 3rd Paragraph: The following statement is made: Due to the inconclusive measurements obtained from VMP-4, evaluation of ROI for VE-7S was based on the data collected from VMP-5 and VMP-6. The nature of the inconsistency should be explained.

7. Section 7.0. Two different instruments were used to measure the flow rates (direct-read vs. TSI VelociCalc). It was noted during previous oversight that the direct-read AMETEK meters mounted to pipes with different sizes provided quite different flow rate readings. Add a comparison of the flow rate readings by the different meters.

8. Figure 7-1. Label the x-axis using actual dates, not numbers. Also, change the title so that it is clear that only the multiple week test results are shown.

9. Figure 7-2 and Figure 7-3. Revise figure titles to reflect the actual test conditions. Explain if the system operated continuously (24/7) or if it was shut down over night, on weekends, etc., and if the hours of operation shown in the figures represent the net operating or elapsed time.

10. Table 5-1. Indicate the type of flow meter used to measure the reported flow rates. Add a calendar date column will allow reviewers to better correlate data to specific tests and discussions in the report.

11. Table 5-2. Add explanation to the footnote 2 which reads "Values measured between 6/20 and 7/16/07 have been adjusted to accommodate a gauge error." Also include this explanation in Section 4 where field equipment is discussed.

12. Section 8.0, Page 7, 5th Bullet Item: The following information should be included in the conclusion regarding VGAC treatment of soil gas: What is the average loading capacity of VOCs on the LGAC (e.g., lbs VOC/lb VGAC); what is the controlling VOC that caused VOC breakthrough?

13. Page B-1, Pneumatic Communication Test: The distances from VE-4S (used as the extraction well) to VMP-1 and VMP-2 are given as 8 feet and the distance to VMP-3 as 30 feet. However, the three wells as shown in Figure 3-1 appear to be located at about the same distance from VE-S4. Please reconcile. Present the test data in a table.

14. Page B-2, VE-8S Step Test: According to Table B-2, vacuum started with 8 inches of mercury and decreased to 7 inches of mercury, not "increased to 8 in Hg". The text says that PID and FID measurements taken around the VGAC unit indicated a maximum VOC detection of 407 ppmv (FID) for the VGAC influent stream. These vapors were also collected for laboratory analysis. These data were obtained on June 15, 2007 and are included in Table 6-1 under this same date. The results reported in Table 6-1 show that VOC level was about 29 ppmv. The results of FID monitoring and corresponding analytical results were not compared or discussed. In general, this type of comparison should be made for all the data from all tests that had both FID/PID and corresponding analytical results. If significant discrepancies exist, they should be discussed and/or explained.

15. Page B-5. For better understanding of the operation of the VGAC system, the SCAQMD permit requirements should be stated in order to validate that VGAC operations were in compliance with the air permit.

16. Appendix B: Add a conclusion section. Alternatively, add detailed discussion of test results in Section 7.0 for the Pneumatic Communication.

If you have any questions about these comments please call me at (415) 972-3149.

Sincerely,

Chris Lichens
Superfund Project Manager

cc: Lori Parnass, DTSC
Tom Perina, CH2M Hill
Dave Chamberlin, CDM

CDM

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Memorandum

To: *Chris Lichens - USEPA*

From: *Dave Chamberlin - CDM*
John Eisenbeis - CDM

Date: *August 31, 2007*

Subject: *Technical Memorandum*
Expanded Soil Vapor Extraction Pilot Test Findings
Omega Chemical Superfund Site
10500-37240-T2.OSS.SVEOP
10500-5.2.3

1.0 Introduction

Camp Dresser & McKee Inc. (CDM) has prepared this Technical Memorandum (TM) on behalf of the Omega Chemical Site Potentially Responsible Party (PRP) Organized Group (OPOG) to present additional findings of the expanded soil vapor extraction (SVE) pilot testing at the Omega Chemical Superfund Site (Site). This document has been prepared in accordance with the Statement of Work (SOW) in Consent Decree (CD) No. 00-12471 between the United States Environmental Protection Agency (EPA) and OPOG, which required OPOG to implement a vadose zone remedial investigation/feasibility study (RI/FS) for contaminant releases on, at, or emanating from the Site. The CD was lodged on November 24, 2000 and entered into the US District Court on February 28, 2001.

An initial pilot test was conducted between September and December 2006 to collect data to confirm the feasibility of SVE and to assist in the design and implementation of a potential full-scale SVE system at the Site, if appropriate. The primary volatile organic compounds (VOCs) at the Site and adjacent parcels are tetrachloroethene (PCE), trichloroethene (TCE), and 1,1-dichloroethene (1,1-DCE).

The initial pilot test was performed according to the methods described in the Soil Vapor Extraction Pilot Test Work Plan (CDM, August 4, 2006) and consisted of two types of tests: step testing and a multi-week pilot test. The step testing was performed to evaluate the

following: 1) relationship between applied vacuum at the SVE wells and the resulting vapor flows; and 2) the resulting vacuum distributions in the subsurface around the wells. The multi-week test provided design information for potential implementation of the SVE technology once near-equilibrium conditions had been established by operating the SVE system for several weeks. In addition, multi-week pilot testing provided additional information concerning the mass of contaminants in the vicinity of the test wells.

Expanded pilot testing was recommended in the Technical Memorandum for Soil Vapor Extraction Pilot Test Initial Findings (CDM, February 5, 2007) that presented the initial findings and EPA's subsequent comments. The expanded pilot test documented in this TM was performed in the Star City Auto Body portion of the Site according to the methods described in the *Revised Second Addendum to February 5, 2007 Technical Memorandum* (CDM April 20, 2007). The expanded pilot test consisted of three phases of testing, as follows: pneumatic communications testing, step testing, and multi-week extended testing. These tests were conducted to characterize the extent of pneumatic communication through the 30-foot unit and provide further design information about SVE system operation at near-equilibrium conditions.

2.0 Objectives

The overall objectives of the expanded SVE pilot test were to collect additional data which will be used in the selection, design, and implementation of the overall on-site soils remedy for the Site. Specifically, the collected data will aid in selecting the most appropriate SVE design parameters for a potential full-scale system at the Site.

Specific objectives for the expanded pilot test included:

- Determine whether pneumatic communication occurs across the 30-foot unit at multiple locations. The 30-foot unit was identified during the recently-completed RI and is described in detail in Section 2.4.4 of the revised draft RI report (CDM, June 19, 2007).

- Confirm the ability of vapor phase granular activated carbon (GAC) to treat extracted vapors to appropriate discharge limits.

- Estimate the contaminant mass removal rate in extracted vapors from wells located at Star City Auto Body in the exterior, concrete paved parking lot. These rates will be used to size and select the treatment systems for a potential full-scale system and to evaluate potential air discharge permit issues, if any.

- Estimate the achievable SVE treatment zone sizes for SVE wells on the Star City Auto Body lot for the interval above the 30-foot unit to serve as a basis to select well spacing and construction.

- Collect transient vacuum readings for calculation of intrinsic permeability of the soils.

3.0 SVE Well and VMP Installation

Between May 20 and June 10, 2007, three SVE/monitoring wells (SVE-6S, SVE-7S, and SVE-8S) and six vapor monitoring probes (VMP1 through VMP6) were installed at the Site for pilot testing purposes. SVE well locations are shown in Figure 3-1. The SVE wells were installed using the hollow-stem auger drilling method using 10-inch diameter hollow stem augers, and were constructed of 4-inch diameter Schedule 40 PVC. Each borehole was continuously sampled using a split spoon sampler to document the soil profile at each location. The three new SVE wells (VE-6S to VE-8S) were screened from 10 to 30 feet below ground surface (bgs) with 20-slot (0.020-inch opening) perforated PVC casing. The total depth of the SVE wells was approximately 30 feet bgs. No. 3 Monterey sand was used for filter pack around the well screens. Hydrated medium-sized bentonite chips (approximately 3 feet thick) were placed in the annulus above the filter pack. The rest of the annulus was backfilled with Portland cement (with 5% bentonite added) grout to the ground surface. Surfaces at each location were completed with a flush-grade, water-tight, traffic-rated surface completions. Table 3-1 summarizes the SVE well construction details.

The VMPs were installed using the direct push drilling method, and were constructed of 1-inch diameter Schedule 40 PVC. Each borehole was continuously sampled using a macrocore sampler to document the soil profile at each location. One VMP (VMP-2) was completed in the 30-foot unit and was screened from 33.5 to 35 feet with 20-slot perforated PVC casing. The remaining five VMPs were screened from 40 to 45 feet with 20-slot perforated PVC casing. The total depths of the VMPs were approximately 45 feet bgs for the five "deep" VMPs and 35 feet bgs for the VMP completed in the 30-foot unit. No. 3 Monterey sand was used for filter pack around the well screens. Hydrated medium-sized bentonite chips (approximately 3 feet thick) were placed in the annulus above the filter pack. The rest of the annulus was backfilled with Portland cement (with 5% bentonite added) grout to the ground surface. Surfaces at each location were completed with a flush-grade, water-tight, traffic-rated surface completions. Table 3-1 summarizes the VMP construction details.

The lithology encountered during well installation was continuously logged from the surface to the final depth according to the Unified Soil Classification System. The boring logs are presented in Appendix A. Field activities were performed in accordance with CDM's Standard Field Procedures Manual and CDM Health and Safety Plan (HASP) for the Omega site. A CDM geologist was present during all of these Site activities.

During drilling and completion of the soil borings, headspace measurements using a MiniRAE photoionization detector (PID) were performed on soil samples at approximate 5-foot intervals. Recorded measurements ranged from 0.0 to 622 parts per million by volume (ppmv). In general, PID soil head space readings recorded during the drilling were above background levels.

4.0 Equipment Setup

This section summarizes the equipment used during the expanded SVE pilot testing.

SVE System Equipment

Northstar Environmental Remediation (NER) was subcontracted to furnish, set up, and maintain a mobile SVE system. The SVE system used consisted of one 25 horsepower (HP) oil-sealed liquid ring pump capable of extracting up to 250 actual cubic feet per minute (acfm) at a vacuum of 29 inches of mercury (in. Hg). The skid mounted system was also equipped with an air/water separator with a high water level shutoff switch and drain pump, a particulate filter, 240-volt, 3-phase, 60-amp control panel, vacuum and flow gages and other instrumentation as necessary to operate the system. All system piping, hoses, and conduits were installed above ground.

Vapor Treatment

Soil vapors were treated using two 1,000-pound GAC vessels installed in series to comply with requirements of a South Coast Air Quality Management District (SCAQMD) various-locations vapor treatment permit (Permit No. F88601). Sampling ports were installed at the wellhead and at various locations in the system to monitor and collect system influent and effluent vapor samples. The air discharge from the carbon vessels (effluent), as required by the SCAQMD permit, along with system influent and between the lead and lag GAC vessels were tested using a PID unit calibrated with hexane.

Other Equipment Used during Testing

The following additional equipment was used during testing:

- Subsurface pressure at vapor probes and non-operating wells were measured using magnehelic gauges or a digital pressure meter (OMEGA HHP-103).

- Concentrations of VOCs in the influent, effluent, and outlet (between the GAC units) streams were monitored with a MiniRAE 2000 PID unit, (11.7 eV ionization potential

lamp) and a PE Photovac Intrinsically Safe Handheld Flame Ionization Detector (FID) unit. The instruments were calibrated to 100 ppmv isobutylene and hexane, respectively. One-liter Tedlar bags were used to collect soil gas samples for field analysis.

- A 2-inch diameter (25 to 125 acfm flow range) direct read, in-line flow meter (AMETEK ROTRON) was used to measure flow rates at the entering the primary GAC vessel.

- Wellhead conditions, such as temperature and flow rate, were measured using a TSI VelociCalc (Model 8347) digital flow meter.

Field equipments were calibrated in accordance with the manufacture's instructions. Instruments requiring field calibration were checked and adjusted before and after each day of use.

5.0 Pilot Test Results

Between June 14 and July 20, 2007, CDM conducted a pneumatic communications test and three one-day step tests at each of the new shallow wells (VE-6S through VE-8S) in the Star City Auto Body property. The SVE system was located in the portion of the Site occupied by Star City Auto Body. Appendix B contains a detailed discussion of the pilot test results. The field data collected during the expanded pilot test are summarized in Tables 5-1 and 5-2.

6.0 Analytical Results

Soil vapor samples were collected from the system influent, between the GAC canisters (outlet) and system discharge point (effluent) and analyzed for VOCs in accordance with EPA Method No. TO-15. Soil vapor samples were submitted to Sun Star Laboratories, Inc (Sun Star), a State-certified environmental laboratory located in Tustin, California. The air samples were collected by using 1000 cubic centimeter (cc) silonite-coated steel canisters provided by Sun Star. Table 6-1 summarizes the soil vapor analytical results. The laboratory analytical reports are contained in Appendix C.

Although system influent samples were collected during the pneumatic testing and step testing phases, laboratory analysis of these results reported concentrations that were an order of magnitude lower than anticipated when compared to field monitoring results. It is believed that these lower than anticipated results were caused by a problem with the canisters' connection fitting, inadvertently diluting the sample during collection. These laboratory results have not been presented in this document, but are available for review in Appendix C.

7.0 Evaluation of Pilot Test Results

This section presents an interpretation of the test results with regard to the test objectives.

Pneumatic Communication

Vacuum measurements taken during operation of the new SVE wells showed that there is definite pneumatic communication across the 30-foot unit. This result was demonstrated at several locations.

Radius of Influence

Typical vacuum measurements from VMPs on the Star City Auto property during step testing are included in Appendix D, Figures D-1 through D-3. The achievable radius of influence (ROI) during the testing was typically greater than 45 feet. This uses a ROI that is defined by at least 0.1 in. H_2O vacuum. Using 0.1 inch water as the reference, the estimated ROI as measured from the VE-6S well and three VMPs (VMP-4 through VMP-6) at 45 feet bgs was approximately 48 feet. Such an ROI was typically achievable by applying approximately 6 in. Hg to the well. The corresponding vapor extraction rate was 145 standard cubic feet per minute (scfm) (Figure D-1). Estimated ROI for VE-8S increased to approximately 77 feet by applying approximately 4 in. Hg to the well (Figure D-3). Due to the inconclusive measurements obtained from VMP-4, evaluation of ROI for VE-7S was based on the data collected from VMP-5 and VMP- 6. The achievable ROI for VE-7S was estimated to be greater than 60 ft at an applied vacuum of 3 in. Hg.

VOC Mass Removal Rates

The analytical results indicated that the VOCs most commonly detected in the soil vapor samples were PCE, TCE, and 1,1- DCE. These data can be used to determine breakthrough times for each VOC, which can in turn be used as a basis to design full-scale GAC treatment units and estimate breakthrough times for such a system, as appropriate.

The VOC mass removal rate for the system was estimated by multiplying the linearly interpolated daily extraction flow rate by the linearly interpolated VOC concentrations of the soil gas samples. Analytical results of the system influent (undiluted samples only) were used to calculate VOC mass removal rates (Figure 7-1). The estimated VOC mass removal rates and cumulative mass removal are presented in the operations summary (Table 7-1) and illustrated in Figures 7-2 and 7-3.

Between June 20 and July 20, 2007, approximately 817 pounds of VOCs were estimated to have been removed from the Site. In general, an average VOC mass removal rate of

approximately 48 pounds per day (lbs/day) was observed during the third phase (multi-week testing) of the expanded pilot study.

Vapor Treatment

The soil vapor analytical data collected at the system influent, in-between carbon units, and at the effluent port of the GAC units indicated that the GAC was capable of removing all VOCs in the extracted vapors (Table 6-1). Based upon the recorded flow rates, it is estimated that over 3.7 million cubic feet of soil vapor were extracted and treated during the third phase of the expanded pilot test.

8.0 Conclusions

The following are the main conclusions of the pilot test performed as of the date of this TM:

- Review and evaluation of the test results concluded that pneumatic communication occurs across the 30-foot unit.
- A ROI of at least 77 feet was achieved when 4 inches of Hg vacuum was applied at VE-8S. This resulted in a vapor extraction flow of approximately 93 to 100 scfm.
- A ROI of at least 60 feet was achieved when 3 inches of Hg vacuum was applied at VE-7S. This resulted in a vapor extraction flow of approximately 95 to 100 scfm.
- A ROI of at least 48 feet could be achieved when 6 inches of Hg vacuum was applied at VE-6S. This resulted in a vapor extraction flow of approximately 145 scfm.
- VOC mass removal rates ranged from 35 to 53 pounds per day (average of 48 pounds per day), depending on the SVE well operated. A total of 817 lbs of VOCs were removed during the expanded pilot test.
- The concentrations of VOCs in extracted vapors from the three new Star City Auto Body wells, coupled with the time trend in these rates (Figure 7-1) indicate a strong source of VOCs at this location.
- The GAC treatment units were capable of removing the VOCs found in the extracted soil vapors. The analyses of the samples that were collected at the GAC units provided a basis to evaluate and design GAC treatment for a potential full-scale SVE system, if appropriate.

References

CDM, 2006. *Soil Vapor Extraction Pilot Test Work Plan,* August 4.

CDM, 2007. *Technical Memorandum for Soil Vapor Extraction Pilot Test Initial Findings*, February 5.

CDM, 2007. *Revised Second Addendum to February 5, 2007 Technical Memorandum, Soil Vapor Extraction Pilot Test*, April 20.

CDM, 2007. Revised *Draft Human Health Risk Assessment for On-Site Soils*, August 6.

CDM, 2007. Revised *Draft On-Site Soils Remedial Investigation Report*, June 19.

Figures and Tables

CDM

Omega Chemical Superfund Site

Expanded Pilot Test SVE Well and VMP Locations

Figure 3-1

Figure 7-1
Omega Chemical Superfund Site Expanded SVE Pilot Test
Total Influent VOC Analytical Results

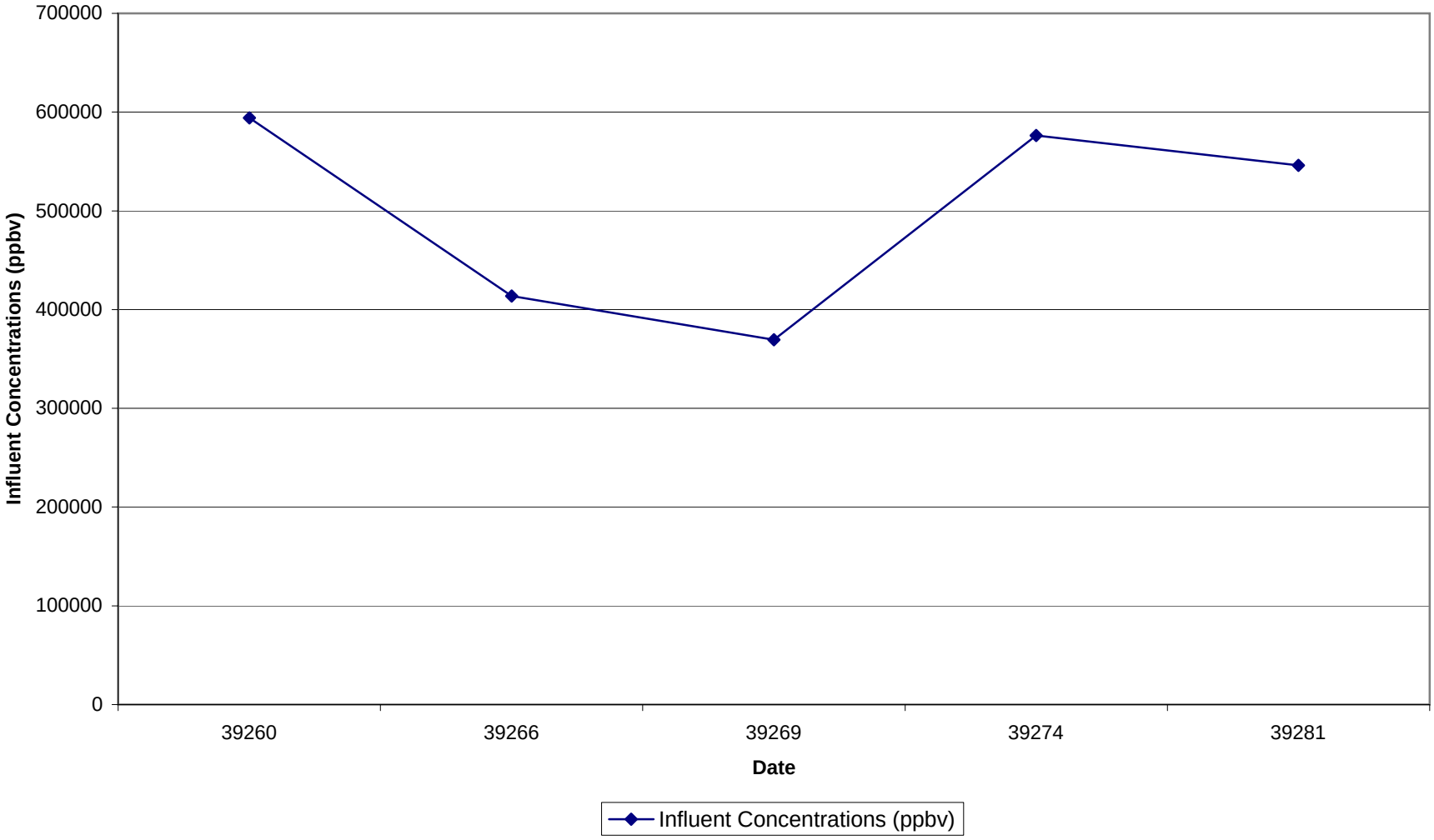


Figure 7-2
Omega Chemical Superfund Site Expanded SVE Pilot Test
Estimated VOC Removal Rate (lbs/day)

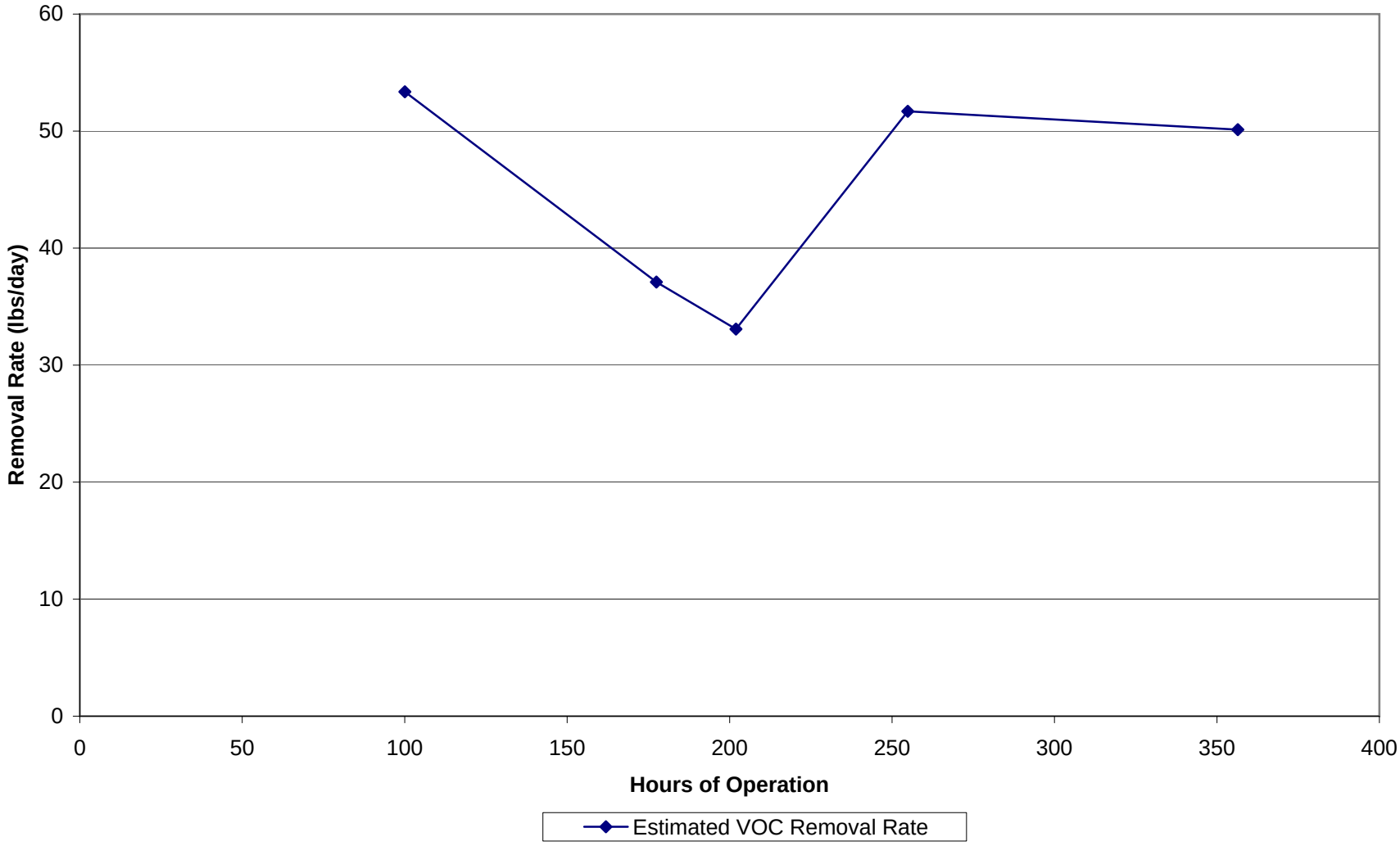


Figure 7-3
Omega Chemical Superfund Site Expanded SVE Pilot Test
Estimated Cumulative VOC Mass Removed (lbs)

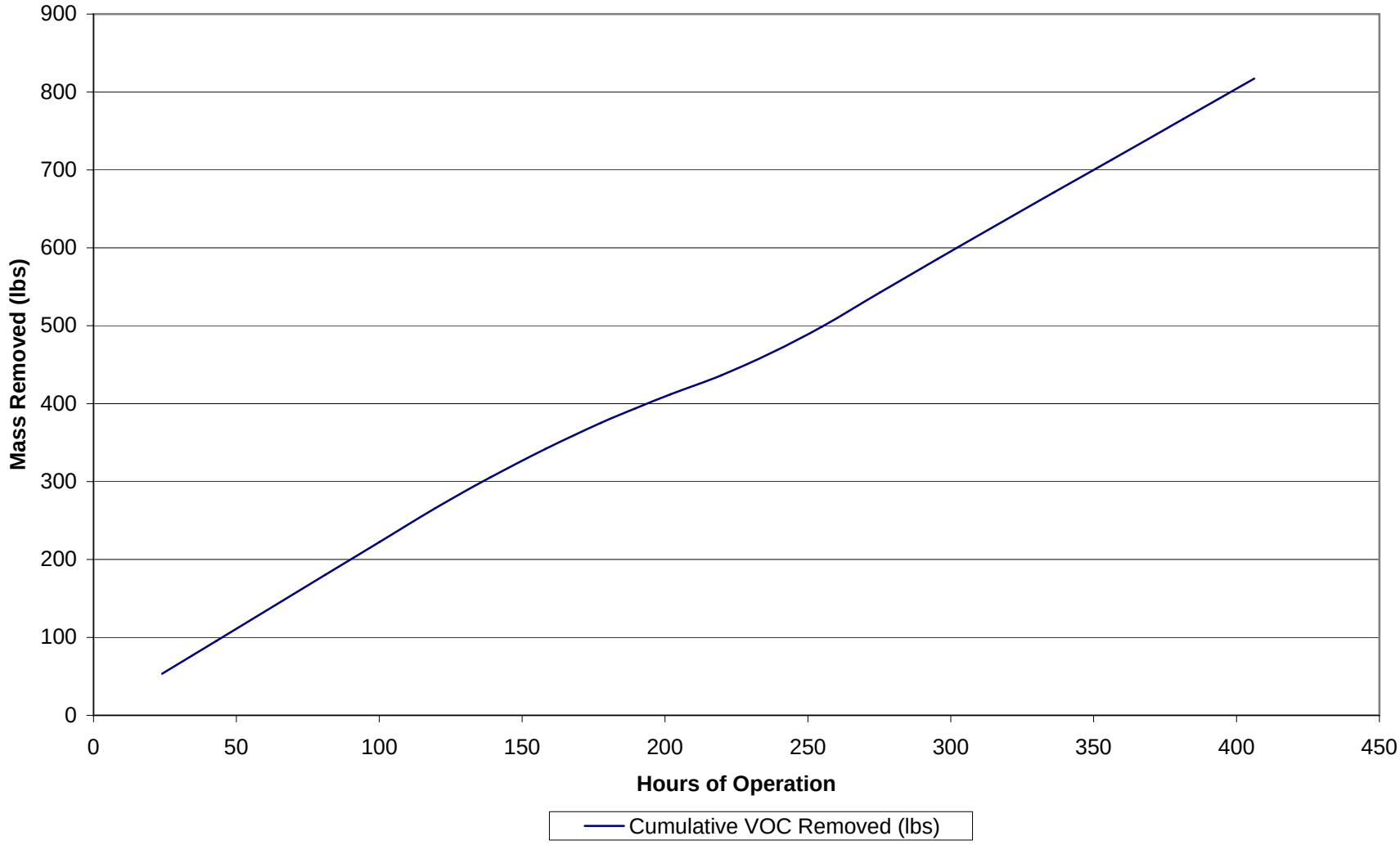


Table 3-1
Omega Chemical Superfund Site Expanded SVE Pilot Test
SVE Well and VMP Construction Details

ID	Total Drilled Depth (feet)	Screened Interval (feet bgs)	Filter Pack Interval (feet bgs)	Bentonite Interval (feet bgs)	Date Drilled
VE-6S	30	10 - 30	7 - 30	0.5 - 7.0	5/20/2007
VE-7S	30	10 - 30	7 - 30	0.5 - 7.0	5/20/2007
VE-8S	30	10 - 30	7 - 30	0.5 - 7.0	5/20/2007
VMP-1	45	40 - 45	37 -45	2.0 -37	6/6/2007
VMP-2	35	33.5 - 35	32.5 - 35	2.0 - 32.5	6/6/2007
VMP-3	45	40 - 45	37 - 45	2.0 - 37	6/6/2007
VMP-4	45	40 - 45	38 - 45	0.6 - 38	6/10/2007
VMP-5	45	40 - 45	38 - 45	0.5 - 38	6/10/2007
VMP-6	45	40 - 45	38 - 45	0.5 - 38	6/10/2007

Note:
bgs: below ground surface

Table 5-1
Omega Chemical Superfund Site Expanded SVE Pilot Test
Single Well Tests Summary

Active Wellhead		Wellhead Vacuum (in. Hg)	Flow Rate (SCFM)	Influent PID (ppmv)	Influent FID (ppmv)
VE-6S	Step 1	4	113	83.5	268.4
	Step 2	6	145	99.8	275.6
	Step 3	2.5	86	103	261.9
VE-7S	Step 1	5	101	580	1421
	Step 2	7	160	610	1445
	Step 3	3	86	404	1337
VE-8S	Step 1	6	108	407	1100
	Step 2	8	145	363	1100
	Step 3	4	93	404	--

Notes

in. Hg	inches of mercury
SCFM	standard cubic feet per minute
in. H2O	inches of water
ppmv	parts per million by volume
--	not measured

Table 5-2
Omega Chemical Superfund Site Expanded SVE Pilot Test
Field Monitoring Data Summary

Date	VE-7S Vacuum [2] (in. Hg)	VE-7S Flow Rate (SCFM)	VE-8S Vacuum (in. Hg)	VE-8S Flow Rate (SCFM)	PID Influent (ppmv)	FID Influent (ppmv)
6/20/2007	3	82.5	4	90	425	1120
6/21/2007	3	74	3.5	74	480	880
6/22/2007	2.5	75	3	74.5	505	780
6/25/2007	2.8	70	3.2	72	421	815
6/26/2007	2	64	1.5	68	470	673
6/27/2007	2	74	2.5	68	521	710
6/28/2007 [1]	2	72	1.5	72	408	618
6/29/2007	2	98.5	1.5	71	490	582
7/2/2007	2.5	81.5	2	70	517	568
7/3/2007	2	90	3	68	460	495
7/5/2007	2.5	76	2	70	425	428
7/6/2007	2	82	2.6	70	476	525
7/9/2007	2.5	65	2	67	528	--
7/10/2007	2	77	2	67	522	--
7/11/2007	2	82.5	2.5	70	484	388
7/12/2007 [1]	2	62.5	1.5	64	685	355
7/13/2007	2	97	1.5	71	322	406
7/16/2007	2.5	61	2	62	406	330
7/18/2007	2	89.5	3	69.5	247	375
7/20/2007	2.3	78	2.5	36	222	--

Notes

VOC concentrations measured by PID calibrated to 100 ppm iso.

-- Measurement not taken.
in. Hg inches of mercury
SCFM standard cubic feet per minute
ppmv parts per million by volume

[1] Breakthrough of primary GAC vessel occurred based on field measurements. Reported concentration taken prior to swapping fresh vessel into system train.

[2] Values measured between 6/20 and 7/16/07 have been adjusted to accommodate a gauge error.

Table 6-1
Omega Chemical Superfund Site
Summary of Expanded SVE Pilot Test Analytical Data

COMPOUNDS	UNITS	INFLUENT-VE7S-061407*	INFLUENT-VE8S-061507*	INFLUENT-VE7S-061907*	INFLUENT-7S8S-062007*	INFLUENT-7S8S-062707	INFLUENT-7S8S-070307	INFLUENT-7S8S-070607	INFLUENT-7S8S-071107	INFLUENT-7S8S-071807
1,1,1-TRICHLOROETHANE	ppbv	91	650	36	500	4500	3900	5400	4900	5000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ppbv	50 U	50 U	3100	4200	1 U	50 U	50 U	50 U	50 U
1,1,2-TRICHLOROETHANE	ppbv	64	50 U	12	160	1 U	320	400	370	330
1,1-DICHLOROETHANE	ppbv	240	400	130	490	2400	1400	1800	1600	1400
1,1-DICHLOROETHENE	ppbv	9400	1700	5800	8500	44000	25000	22000	34000	28000
1,2,4-TRIMETHYLBENZENE	ppbv	50 U	50 U	10 U	10 U	1 U	50 U	50 U	50 U	50 U
1,2-DICHLOROBENZENE	ppbv	50 U	50 U	10 U	10 U	5.2	50 U	50 U	50 U	50 U
1,2-DICHLOROETHANE	ppbv	50 U	260	10 U	210	250	1000	1500	1300	1300
1,3,5-TRIMETHYLBENZENE	ppbv	50 U	50 U	10 U	10 U	1 U	50 U	50 U	50 U	50 U
1,4-DICHLOROBENZENE	ppbv	50 U	50 U	10 U	10 U	3.2	50 U	50 U	50 U	50 U
1,4-DIOXANE	ppbv	50 U	54	10 U	100	480	370	520	550	600
2-BUTANONE	ppbv	50 U	50 U	11	17	5 U	50 U	50 U	50 U	50 U
4-ETHYLTOLUENE	ppbv	50 U	50 U	10 U	10 U	1 U	50 U	50 U	50 U	50 U
ACETONE	ppbv	50 U	50 U	18	24	7.4	50 U	50 U	50 U	50 U
BENZENE	ppbv	50 U	50 U	12	55	64	270	350	340	310
CARBON TETRACHLORIDE	ppbv	50 U	50 U	10 U	70	68	50 U	50 U	50 U	50 U
CHLOROFORM	ppbv	220	270	100	400	3000	2100	2800	2500	2500
CIS-1,2-DICHLOROETHENE	ppbv	50 U	50 U	10 U	14	25	50 U	50 U	50 U	98
DICHLORODIFLUOROMETHANE	ppbv	50 U	50 U	10 U	10 U	1 U	50 U	50 U	50 U	50 U
ISOPROPYL ALCOHOL (ISOPROPANOL)	ppbv	50 U	50 U	10 U	10 U	1 U	50 U	50 U	50 U	50 U
M,P-XYLENES	ppbv	50 U	50 U	10 U	10 U	2 U	50 U	50 U	50 U	50 U
METHYLENE CHLORIDE	ppbv	280	75	10 U	11	52	50 U	240	310	450
O-XYLENE	ppbv	50 U	50 U	10 U	10 U	1 U	50 U	50 U	50 U	50 U
STYRENE	ppbv	50 U	50 U	10 U	10 U	1 U	50 U	50 U	50 U	50 U
TETRACHLOROETHENE	ppbv	29000	25000	2400	46000	510000	360000	310000	500000	480000
TETRAHYDROFURAN	ppbv	82	65	35	61	1 U	190	190	150	150
TOLUENE	ppbv	50 U	50 U	10 U	10	59	50 U	50 U	50 U	50 U
TRANS-1,2-DICHLOROETHENE	ppbv	410	79	240	430	2100	1400	1700	1600	1400
TRICHLOROETHENE	ppbv	3100	1100	810	3600	26000	15000	19000	26000	22000
TRICHLOROFLUOROMETHANE (FREON 11)	ppbv	1700	180	830	1000	1100	2800	3500	2800	2400
VINYL CHLORIDE	ppbv	50 U	50 U	10 U	10 U	1 U	50 U	50 U	50 U	50 U
TOTAL VOCs	**ppbv**	**44,587**	**29,833**	**13,534**	**65,852**	**594,114**	**413,750**	**369,400**	**576,420**	**545,938**

Notes:

ppbv: parts per billion by volume

All samples are analyzed by EPA Method TO-15

U: not detected above the laboratory reporting limit

Samples collected using a possibly malfunctioning flow controller

Table 7-1
Omega Chemical Superfund Site
Operation Summary and Estimated Removal Rates for Expanded SVE Pilot System

Date	System Status	Hours of Operation	Sample COLLECTED	Flow Rate (SCFM)	Flow Rate (SCFD)	Total VOC Conc. (ug/L)	Est. VOC Rem. Rate (lbs/day)	Cum. VOC Removed (lbs)
20-Jun-07	*On*	*4234.1*		*153.00*	*220,320*	*3911.86*	*53.35*	*53.4*
21-Jun-07	*On*	4258.1		*153.00*	*220,320*	*3911.86*	*53.35*	*96*
22-Jun-07	*On*	4277.1		*153.00*	*220,320*	*3911.86*	*53.35*	*138*
23-Jun-07	*Off*	4277.1		*0.00*	*0*	*0.00*	*0.00*	*138*
24-Jun-07	*Off*	4277.1		*0.00*	*0*	*0.00*	*0.00*	*138*
25-Jun-07	*On*	4296.1		*153.00*	*220,320*	*3911.86*	*53.35*	*180*
26-Jun-07	*On*	4315.1		*153.00*	*220,320*	*3911.86*	*53.35*	*222*
27-Jun-07	**On**	**4334.1**	**1**	**153.00**	**220,320**	**3911.86**	**53.35**	**265**
28-Jun-07	On	4353.5		153.00	220,320	3618.49	49.35	305
29-Jun-07	On	4372.8		153.00	220,320	3325.11	45.35	342
30-Jun-07	Off	4372.8		0.00	0	0.00	0.00	342
1-Jul-07	Off	4372.8		0.00	0	0.00	0.00	342
2-Jul-07	On	4392.2		153.00	220,320	3031.74	41.35	375
3-Jul-07	**On**	**4411.5**	**2**	**152.00**	**218,880**	**2738.36**	**37.10**	**394**
4-Jul-07	Off	4411.5		152.00	218,880	0.00	0.00	394
5-Jul-07	On	4423.8		152.00	218,880	2581.98	34.99	412
6-Jul-07	**On**	**4436.0**	**3**	**153.00**	**220,320**	**2425.59**	**33.08**	**436**
7-Jul-07	Off	4436.0		0.00	0	0.00	0.00	436
8-Jul-07	Off	4436.0		0.00	0	0.00	0.00	436
9-Jul-07	On	4453.7		153.00	220,320	2888.61	39.40	465
10-Jul-07	On	4471.3		153.00	220,320	3351.63	45.71	499
11-Jul-07	**On**	**4488.9**	**4**	**152.00**	**218,880**	**3814.65**	**51.69**	**543**
12-Jul-07	On	4509.2		152.00	218,880	3777.19	51.18	586
13-Jul-07	On	4529.5		152.00	218,880	3739.73	50.67	629
14-Jul-07	Off	4529.5		0.00	0	0.00	0.00	629
15-Jul-07	Off	4529.5		0.00	0	0.00	0.00	629
16-Jul-07	On	4549.9		152.00	218,880	3702.27	50.17	671
17-Jul-07	On	4570.2		152.00	218,880	3664.81	49.66	713
18-Jul-07	**On**	**4590.5**	**5**	**155.00**	**223,200**	**3627.35**	**50.12**	**765**
19-Jul-07	On	4615.4		155.00	223,200	3627.35	50.12	817
20-Jul-07	On	4640.3		157.00	226,080	3627.35	50.77	
Operation Summary:				**152.9 (avg.)**	**3,727,325.4 (total)**	**3,541.4 (avg.)**	**48.3 (avg.)**	**817 (total)**

Notes

Values in italics are estimated based on June 27, 2007 data.

lbs	pounds
SCFD	standard cubic feet per day
SCFM	standard cubic feet per minute
ug/L	microgram per liter

Appendix A
Boring/Well Construction Logs

CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612
(949) 752-5452
(949) 752-1307 (FAX)

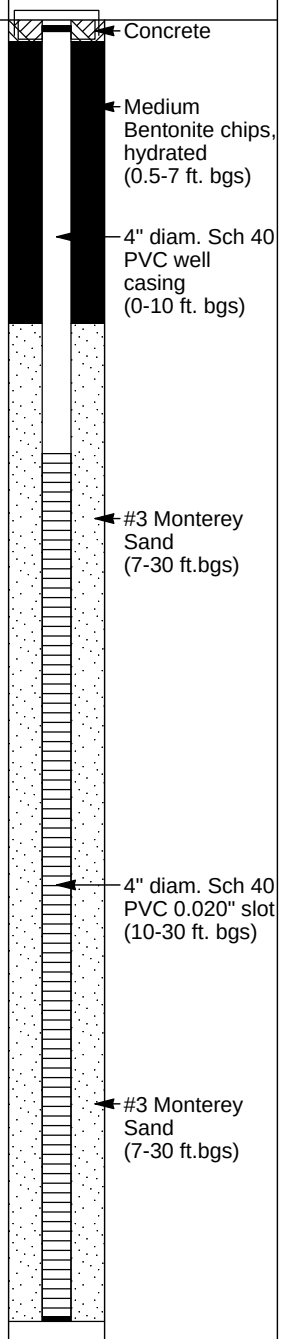
BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240
PROJECT NAME Omega Chemical
LOCATION Omega/Star City Auto
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA-Split Spoon (No Sleeves)
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY N.Begay
REMARKS PID calibrated to 100 ppm Hexane.

BORING/WELL NUMBER SVE-6S
DATE DRILLED 5/20/07
CASING TYPE/DIAMETER 4" Sch 40 PVC
SCREEN TYPE/SLOT 4" Sch 40 PVC 0.020 Slot
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Medium Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								9" concrete. Hand auger to 5 feet below ground surface.	0.5
						ML		SILT: Very dark greyish brown (10 YR 3/2); 85% silt, very soft, low toughness; trace of cobbles.	
					5				5.0
3.6	10, 10, 14	21						SILT WITH CLAY: Dark yellowish brown (10YR 4/4); 60% Silt; 30% Clay, soft; 10% gravel.	
3.5									
20.3	-	18				ML			
49.4	11,12, 17,17	18							
622	9,11,14	18			10				10.0
								SILT: Brown 10YR 4/3 ; 75% Silt, low plasticity, firm; 20% sand; 5% Clay.	
311	11,13,16	18				ML			
-	12,14, 16,17	21							
									14.5
						SP SM		SAND WITH SILT AND GRAVEL: Brown (10YR 4/3); 70% sand, fine to coarse; 10% gravel, maximum diameter up to 1-inch.	15.0
85.3	-	12			15				
								CLAY: Dark yellowish brown (10YR 4/4); 85% Clay, low plasticity, firm; 10% Silt; 5% Sand, fine.	
-	-	18							
-	9,12, 15,18	21							
533	12,16, 18	15			20	CL		CLAY: Same as above.	
157	-	18							
6.7	-	24							
95.4	7,10, 13	18			25				
									26.5
96.1	9,13, 15,15	18						Gravel lens	27.0
						CL		CLAY WITH SILT: Dark yellowish brown (10YR 4/4); 60% clay; 30% silt; 10% gravel.	
128	9,14, 16,18	24							28.5
								Gravel lens	29.0
138						CL		CLAY SILT WITH: Dark yellowish brown (10YR 4/4); 65% clay; 30% silt; 5% gravel.	30.0
					30				
								Total Depth of Borehole is 30 feet below ground surface.	

WELL DIAGRAM



NEWGINT OMEGA.GPJ NEWGINT.GDT 6/13/07

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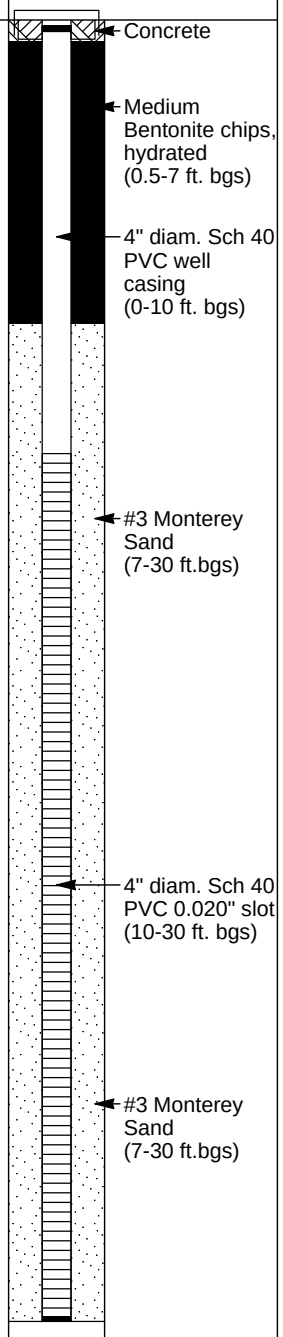
BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240 | **BORING/WELL NUMBER** SVE-7S
ROJECT NAME Omega Chemical | **DATE DRILLED** 5/20/07
LOCATION Omega/Star City Auto | **CASING TYPE/DIAMETER** 4" Sch 40 PVC
DRILLING METHOD Hollow Stem Auger | **SCREEN TYPE/SLOT** 4" Sch 40 PVC 0.020 Slot
SAMPLING METHOD Modified CA-Split Spoon (No Sleeves) | **GRAVEL PACK TYPE** #3 Monterey Sand
GROUND SURFACE ELEVATION (FT MSL) NA | **GROUT TYPE/QUANTITY** Hydrated Medium Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA | **STATIC WATER LEVEL (FT BELOW TOC)** NM
LOGGED BY N.Begay | **GROUND WATER ELEVATION (FT MSL)**
REMARKS PID calibrated to 100 ppm Hexane.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Concrete to 6" below ground surface (bgs). Hand auger to 5 ft bgs.	0.5
30.6									
39.6									
15.5									5.0
0.6	7,8, 11	18			5			SILT WITH CLAY: Dark brown (10YR3/3); 70% silt, low plasticity, firm; 30% clay.	
0	8,11, 14	21						SILT WITH CLAY: Dark brown (10YR3/3); 80% silt, low plasticity, firm; 20% clay; trace of gravel.	
4.6	6,9, 10,12	18				ML			
0	8,9, 11	18			10				
0	7,10, 12	18						SILT WITH CLAY: Same as above, except 5% gravel.	
0	6,10, 13,16	24						SILT WITH CLAY: Same as above, except 80% silt; 20% clay.	
									14.5
0	7,11, 17	18			15	CL		GRAVELLY CLAY: 65% clay; 20% gravel, maximum diameter up to 2-inch; 15% silt.	
0	8,12, 14	18							
									18.0
0	6,11, 14,14	21				CL		CLAY WITH SILT: 80% clay; 20% silt; 5% sand.	
0	9,11, 15	18			20				20.5
						CL		GRAVELLY CLAY: 10YR5/3 Brown; 80% silt; 20% gravel, maximum diameter up to 1.5-inch; 10% Silt.	21.5
0	7,13, 15	18				CL		CLAY: 10YR4/3 Brown; 90% Clay, firm, low plasticity; 10% Silt.	
									23.0
33.6	6,9, 13,15	24						SILT WITH CLAY: 10YR4/3 Brown; 70% silt; 30% clay.	
88.2	7,11, 13	18			25	ML			
-	-	18							
20.3	10,10, 13,17	18							
		24			30			Total Depth of Borehole is 30 feet below ground surface.	30.0



NEWGINT OMEGA.GPJ NEWGINT.GDT 6/13/07

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240
PROJECT NAME Omega Chemical
LOCATION Omega/Star City Auto
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA-Split Spoon (No Sleeves)
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY N. Begay
REMARKS PID calibrated to 100 ppm Hexane.

BORING/WELL NUMBER SVE-8S
DATE DRILLED 5/20/07
CASING TYPE/DIAMETER 4" Sch 40 PVC
SCREEN TYPE/SLOT 4" Sch 40 PVC 0.020 Slot
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Medium Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Concrete to 6" below ground surface (bgs). Hand auger to 5 ft bgs.	0.5
44.7								SILT: Very dark greyish brown (10YR3/3); 95% silt, medium plasticity, soft; 5% sand, fine.	
6.2								SILT: Dark yellow brown (10YR4/4); 80% silt, soft; 15% clay; 5% sand, fine.	
2.3	40	6			5	ML			
4.2	8,10, 11,12	24						SILT: Same as above, except trace gravel.	
4.7	10,12, 15	18						SILT: Dark yellow brown (10YR4/4); 70% silt; 15% clay; 15% gravel.	
364	8,10, 12	18			10				
						CL		CLAY lens	11.5 12.0
6.3	9,10, 10,2	24				ML		SILT: Dark yellow brown (10YR4/4); 80% silt; 15% clay; 5% sand, fine; trace of gravel, maximum diameter to 2-inches, angular to subrounded.	
3.3	7,8,14	18							14.0
								SILT WITH GRAVEL: 65% silt; 20% gravel; 10% clay; 5% sand.	
5.3	10,12, 15,18	18			15	SP SM			
									16.5
34.2	9,14,15	24				ML		SILT WITH CLAY: 70% silt; 25% clay; 5% sand, fine.	
									18.0
						SP		SILT WITH GRAVEL: 65% silt; 20% gravel, maximum diameter up to .75 inches; 10% clay; 5% sand.	18.5
22.7	8,11, 14	18				SM ML		SILT WITH CLAY: 70% silt; 25% clay; 5% sand, fine.	
8.1	8,11, 14,17	18			20				
									21.0
						SP		SILT WITH GRAVEL: 65% silt; 20% gravel, maximum diameter up to .75 inches; 10% clay; 5% sand.	21.5
12.4	-	24				SM		SILT WITH CLAY: 70% silt, firm; 25% clay; 5% sand, fine; trace of gravel.	
7.7	-	18							
-	-	18			25	ML			
12.4	-	18							
7.7	10,10, 12,15	24						SILT WITH CLAY: Dark yellow brown (10YR4/4); 85% silt, low plasticity, firm; 20% clay; 5% sand, fine.	
					30				30.0
								Total Depth of Borehole is 30 feet below ground surface.	

WELL DIAGRAM
- Concrete
- Medium Bentonite chips, hydrated (0.5-7 ft. bgs)
- 4" diam. Sch 40 PVC well casing (0-10 ft. bgs)
- #3 Monterey Sand (7-30 ft.bgs)
- 4" diam. Sch 40 PVC 0.020" slot (10-30 ft. bgs)
- #3 Monterey Sand (7-30 ft.bgs)

NEWGINT OMEGA.GPJ NEWGINT.GDT 6/13/07

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP
PROJECT NAME Omega Chemical
LOCATION FORMER 3 KINGS
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Dane Nicklaus
BORING/WELL NUMBER VMP-1
DATE DRILLED 6/6/07
CASING TYPE/DIAMETER 1.0" PVC
SCREEN TYPE/SLOT 0.02
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)
REMARKS Boring was sampled for lithology using a 4-foot macrocore. Finished with a Traffic Rated Well Box.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								CONCRETE is 6 inches below ground surface.	0.5
								SILT, SILTY SAND: brown, darkish brown; hand cleared	
1.3		46			5	SM		SILTY SAND: brown, light brown	
1.5		44							
					10			SILTY SAND: light brown	
									11.0
						ML		SANDY SILT: light brown	
1.3		46							
								SANDY SILT, SILT: brown	
									14.0
					15	ML		SILT: brown, light brown	
0.6		46							
									17.0
						CL		CLAY WITH GRAVEL: brown	18.0
						CL		CLAY, SILTY CLAY: brown	
					20				20.0
1.1		40						CLAYEY SILT, SILT: brown, reddish brown	
						ML			
0.5		46			25			SILT: brown, light brown	
									28.0
1.5		24						SANDY SILT, SILT: brown	
					30	ML			

Continued Next Page

WELL DIAGRAM
- Well box
- Fill (1-2 ft. bgs)
- 1" diam. Sch 40 PVC well casing (0-40 ft. bgs)
- Medium Bentonite chips, hydrated (2-41 ft. bgs)

NEWGINT OMEGA.GPJ NEWGINT.GDT 6/20/07

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(949) 752-1307 (FAX)

BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP **BORING/WELL NUMBER** VMP-1

PROJECT NAME Omega Chemical **DATE DRILLED** 6/6/07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								SILT: brown, very stiff	31.0
2.6		46						SILT: brown, very stiff	
					35	ML			
5		46						CLAY SILT: brown	
									39.0
5		30			40	ML		SILT WITH GRAVEL: brown, light brown; gravel up to 3/4 in.	41.0
						ML		SILT: light brown	
6		12			45			CLAY SILT, SILT: brown, light brown	45.0
								Total depth of borehole is 45 feet below ground surface.	

WELL DIAGRAM

- Medium Bentonite chips, hydrated (2-41 ft. bgs)
- #3 Monterey Sand (37-45 ft.bgs)
- 1" diam. Sch 40 PVC 0.020" slot (40-45 ft. bgs)

NEWGINT OMEGA.GPJ NEWGINT.GDT 6/20/07

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP
PROJECT NAME Omega Chemical
LOCATION FORMER 3 KINGS
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Dane Nicklaus
BORING/WELL NUMBER VMP-2
DATE DRILLED 6/6/07
CASING TYPE/DIAMETER 1.0" PVC
SCREEN TYPE/SLOT 0.02
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)
REMARKS Boring was sampled for lithology using a 4-foot macrocore. Finished with a Traffic Rated Well Box.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								CONCRETE to 6 inches below ground surface.	0.5
						SM		SAND, SILTY SAND: brown, darkish brown, hand cleared	
--		46			5			SILTY SAND: brown, light brown	5.0
--		44				SM			
					10			SILTY SAND: light brown	11.0
								SANDY SILT: light brown	
--		46				ML			
								SANDY SILT, SILT: brown	14.0
					15			SILT: brown, light brown	
						ML			
--		46							17.0
						CL		CLAY WITH GRAVEL: brown	18.0
								CLAY, SILTY CLAY: brown	
--		40			20			CLAY SILT, SILT: brown, reddish brown	
						CL			
--		46			25			SILT: brown, light brown	
									28.0
--		24						SANDY SILT, SILT: brown	
					30	ML			

Continued Next Page

WELL DIAGRAM
- Well box
- Fill (1-2 ft. bgs)
- Medium Bentonite chips, hydrated (2-41 ft. bgs)
- 1" diam. Sch 40 PVC Well casing (0-40 ft. bgs)

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP **BORING/WELL NUMBER** VMP-2

PROJECT NAME Omega Chemical **DATE DRILLED** 6/6/07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
--		46			35	ML		SANDY SILT, SILT: brown SILT: brown, very stiff Total depth of borehole is 35 feet bgs.	31.0 35.0	1" diam. Sch 40 PVC Well casing (0-40 ft. bgs) #3 Monterey Sand (32.5-35 ft.bgs) 1" diam. Sch 40 PVC 0.020" slot (33.5-35 ft. bgs)

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP
PROJECT NAME Omega Chemical
LOCATION FORMER 3 KINGS
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Dane Nicklaus
BORING/WELL NUMBER VMP-3
DATE DRILLED 6/6/07
CASING TYPE/DIAMETER 1.0" PVC
SCREEN TYPE/SLOT 0.02
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)
REMARKS Boring was sampled for lithology using a 4-foot macrocore. Finished with a Traffic Rated Well Box.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								CONCRETE is 6 inches below ground surface (bgs). Hand cleared to 5 ft. bgs.	0.5
						ML		SILT: brown	
1.3		46			5			SANDY SILT: brown, light brown, gravels	5.0
1.5		44				ML			
					10			SILT: light brown	10.0
1.3		46				ML		SILT: brown	
0.6		46			15				
								CLAY SILT: brown with gravels	18.0
1.1		40			20	CL		CLAY SILT: brown	
								SILT: brown stiff	23.0
0.5		46			25	ML			
									28.0
1.5		24				ML		SANDY SILT: brown, stiff	29.0
					30			CLAY SILT: brown, reddish brown	

Continued Next Page

WELL DIAGRAM
- Well box
- Fill (1-2 ft. bgs)
- 1" diam. Sch 40 PVC well casing (0-40 ft. bgs)
- Medium Bentonite chips, hydrated (2-41 ft. bgs)

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP **BORING/WELL NUMBER** VMP-3
PROJECT NAME Omega Chemical **DATE DRILLED** 6/6/07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						CL		CLAY SILT: brown, stiff	32.0	Medium Bentonite chips, hydrated (2-41 ft. bgs)
2.6		46						SILT: brown, very stiff		
					35					
5		46								#3 Monterey Sand (37-45 ft.bgs)
						ML		SILT: brown		
5		30			40					1" diam. Sch 40 PVC 0.020" slot (40-45 ft. bgs)
									44.0	
6		12				CL		CLAY SILT: brown, stiff	45.0	
					45			Total depth of borehole is 45 feet below ground surface.		
					50					
					55					
					60					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP
PROJECT NAME Omega Chemical
LOCATION Omega/Star City Auto
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Chad Marvin
REMARKS

BORING/WELL NUMBER VMP-4
DATE DRILLED 6/10/07
CASING TYPE/DIAMETER 1.0" PVC
SCREEN TYPE/SLOT 0.02
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								8" concrete below ground surface (bgs).	0.6
11.2						ML		SILT: (7.5YR 4/6) Strong brown; 85 % silt, soft, non-plastic; 10% sand, poorly graded, fine, subangular to subrounded; 5% gravel, poorly graded, fine, subangular to subrounded, maximum diameter to 1/3-inch.	
8.3					5	ML		SILT WITH GRAVEL: (10YR 4/6) Dark yellowish brown; 75% silt, soft, non-plastic; 20% gravel, poorly graded, coarse, maximum diameter to 1-inch, cored rock, subangular to subrounded; 5% sand, poorly graded, medium to coarse, subangular to subrounded.	5.0
8.2					10	ML		SILT: (10YR 4/6) Dark yellowish brown; 90 % silt, soft, non-plastic; 10% sand, poorly graded, fine, subangular to subrounded.	9.0
9.6					15	ML		SILT: (10YR 4/4) Dark yellowish brown; 70 % silt, soft, non-plastic; 10% sand, poorly graded, fine to medium, subangular to subrounded; 10% clay, soft, low plasticity; 10% gravel, poorly graded, fine, trace of medium, maximum diameter to 3/4-inch.	
2.1					20	CL		CLAY: (10YR 3/2) Very dark grayish brown; 90% clay, soft, medium plasticity; 10% silt, soft; trace of sand, poorly graded, coarse, subangular to subrounded.	21.0
0.3					25	ML		SILT WITH CLAY: (10YR 3/2) Very dark grayish brown; 60 % silt, soft, low plasticity; 35% clay, soft, low plasticity; 5% gravel, poorly graded, fine, subangular to subrounded, maximum diameter to 1/3-inch.	26.0
					30				

Continued Next Page

WELL DIAGRAM

- Well box
- 1" diam. Sch 40 PVC well casing (0-40 ft. bgs)
- Medium Bentonite chips, hydrated (0.5-38 ft. bgs)

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP **BORING/WELL NUMBER** VMP-4

PROJECT NAME Omega Chemical **DATE DRILLED** 6/10/07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
									31.0	1" diam. Sch 40 PVC well casing (0-40 ft. bgs)
0.6						SP		SAND WITH GRAVEL: (10YR 4/4) Dark yellowish brown; 60% sand, poorly graded, fine to medium, subangular to subrounded; 30% gravel, poorly graded, fine, subangular to subrounded, maximum diameter to 1/2-inch; 10% silt, soft.	31.5	
0.2						ML		SILT: (10YR 3/3) Dark brown; 90 % silt, firm, non-plastic; 10% clay, firm, non-plastic; trace of gravel, poorly graded, subrounded, maximum diameter to 1/4-inch.		Medium Bentonite chips, hydrated (0.5-38 ft. bgs)
					35				36.5	
0.3						CL		CLAY WITH SILT: (10YR 4/3) Brown; 60% clay, soft, low plasticity; 40 % silt, soft; trace of sand, poorly graded, medium, subangular to subrounded.		#3 Monterey Sand (38-45 ft. bgs)
					40				43.0	1" diam. Sch 40 PVC 0.020" slot (40-45 ft. bgs)
0.2						SP		SAND WITH SILT: (10YR 4/6) Dark yellowish brown; 75% sand, poorly graded, fine to medium, subangular to subrounded; 15% gravel, poorly graded, fine, subangular to subrounded, maximum diameter to 1/3-inch; 10% silt, soft.	43.5	
0.2						CL		CLAY WITH SILT: (10YR 3/3) Dark brown; 60% clay, firm, low plasticity; 35% silt, firm; 5% sand, poorly graded, fine, subangular to subrounded.	45.0	
					45			Total depth of borehole is 45 feet below ground surface.		
					50					
					55					
					60					

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BORING/WELL CONSTRUCTION LOG

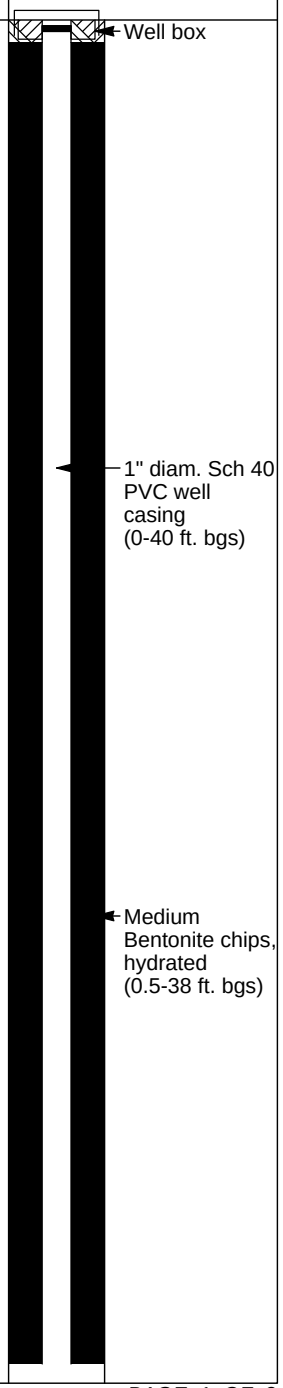
PROJECT NUMBER 10500-37240-T2.OSS.SVEOP
PROJECT NAME Omega Chemical
LOCATION Omega/Star City Auto
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Chad Marvin
REMARKS

BORING/WELL NUMBER VMP-5
DATE DRILLED 6/10/07
CASING TYPE/DIAMETER 1.0" PVC
SCREEN TYPE/SLOT 0.02
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
							5" concrete below ground surface (bgs).	0.5
							SILT: (7.5YR 3/2) Dark brown; 90 % silt, soft, non-plastic; 10% sand, poorly graded, fine to medium, subangular to subrounded.	
1.3					5		SILT: (10YR 5/6) Yellowish brown; 85 % silt, soft, non-plastic; 10% gravel, poorly graded, fine to medium, maximum diameter to 1-inch.	
1.5						ML		
					10		SILT: (10YR 4/6) Dark yellowish brown; 95 % silt, soft, non-plastic; 5% sand, poorly graded, fine, subrounded; trace of gravel, poorly graded, fine, maximum diameter to 1/3-inch.	
1.3								
					15			
0.6								17.0
							SILT WITH GRAVEL: (10YR 3/6) Dark yellowish brown; 80 % silt, soft; 15% gravel, poorly graded, fine, subrounded to subangular, maximum diameter to 1/2-inch; 5% sand, poorly graded, medium to coarse, subangular to subrounded.	
						ML		
1.1					20			21.0
							SILT: (10YR 3/3) Dark brown; 95 % silt, soft, low plasticity; 5% clay, soft, low plasticity; trace gravel, fine, subrounded, maximum diameter to 1/3-inch.	
0.5					25			
						ML		
							SILT: (10YR 3/3) Dark brown; 90% silt, soft, medium plasticity; 10% clay, soft, medium plasticity.	
1.5					30			30.0

Continued Next Page

WELL DIAGRAM



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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP **BORING/WELL NUMBER** VMP-5

PROJECT NAME Omega Chemical **DATE DRILLED** 6/10/07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
2.6					35			SILT: (10YR 3/3) Dark brown; 95 % silt, very firm, non-plastic; 5% sand, poorly graded, coarse, subrounded.		1" diam. Sch 40 PVC well casing (0-40 ft. bgs)
5								SILT: (10YR 3/3) Dark brown; 90 % silt, soft, medium plasticity; 10% clay, soft, medium plasticity.		Medium Bentonite chips, hydrated (0.5-38 ft. bgs)
5					40	ML		SILT: (10YR 3/4) Dark yellowish brown; 100% silt, soft, low plasticity; trace sand, poorly graded, medium to coarse, subrounded.		#3 Monterey Sand (38-45 ft.bgs)
6					45				45.0	1" diam. Sch 40 PVC 0.020" slot (40-45 ft. bgs)
								Total depth of borehole is 45 feet below ground surface.		
					50					
					55					
					60					

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP
PROJECT NAME Omega Chemical
LOCATION Omega/Star City Auto
DRILLING METHOD Direct Push
SAMPLING METHOD Macrocore
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY Chad Marvin
REMARKS

BORING/WELL NUMBER VMP-6
DATE DRILLED 6/10/07
CASING TYPE/DIAMETER 1.0" PVC
SCREEN TYPE/SLOT 0.02
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
							5" concrete below ground surface (bgs).	0.5
						ML	SILT: (7.5YR 3/2) Dark brown; 95 % silt, soft, slight plasticity; 5% clay, soft, low plasticity.	
1.3					5	SP	SAND WITH SILT: (10YR 5/4) Yellowish brown; 80 % sand, poorly graded, fine to medium, subangular to subrounded; 10% gravel, poorly graded, fine, maximum diameter to 1/2-inch; 10% silt, soft, non-plastic.	5.0
1.5								
1.3					10	SM	SILTY SAND WITH GRAVEL: (10YR 5/6) Yellowish brown; 50% sand, poorly graded, fine to medium; 25% silt, soft, low plasticity; 15% gravel, poorly graded, fine, subangular to subrounded, maximum diameter to 4/4-inch; 10% clay.	10.0
					15			16.0
0.6						ML	SILT: (10YR 4/2) Dark grayish brown; 85 % silt, soft, low plasticity; 10% sand, poorly graded, fine, subangular to subrounded; 5% gravel, poorly graded, fine, subangular to subrounded, maximum diameter to 1/2-inch.	
1.1					20		SILT: (10YR 3/4) Dark yellowish brown; 90 % silt, soft, low plasticity; 10% clay, soft, low plasticity; trace sand, poorly graded, fine, subangular to subrounded.	
0.5					25			
1.5					30		SILT: (7.5YR 3/2) Dark brown; 95% silt, firm, non-plastic; 5% clay, soft, low plasticity; trace sand, poorly graded, fine, subangular to subrounded.	30.0

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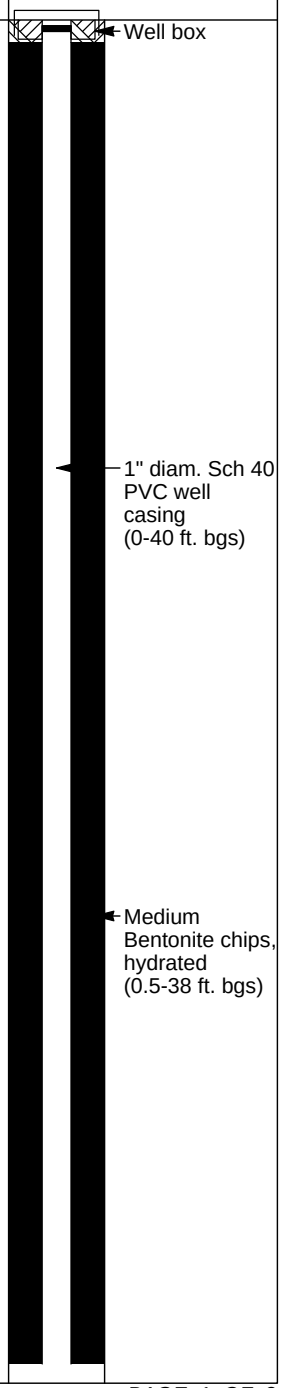
WELL DIAGRAM



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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.OSS.SVEOP **BORING/WELL NUMBER** VMP-6

PROJECT NAME Omega Chemical **DATE DRILLED** 6/10/07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
2.6								SILT: Same as above, except; trace gravel, poorly graded, fine, subrounded, maximum diameter to 1/3-inch.		1" diam. Sch 40 PVC well casing (0-40 ft. bgs)
5					35	ML		SILT: (7.5YR 4/4) Brown; 95 % silt, soft, non-plastic; 5% sand, poorly graded, fine, subrounded.		Medium Bentonite chips, hydrated (0.5-38 ft. bgs)
5					40					#3 Monterey Sand (38.5-45 ft.bgs)
6					45				45.0	1" diam. Sch 40 PVC 0.020" slot (40-45 ft. bgs)
								Total depth of borehole is 45 feet below ground surface.		
					50					
					55					
					60					

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Appendix B
Field Procedures and Results

Appendix B

B.1 Pneumatic Communication Test

The first phase of the expanded SVE pilot test at the Site was conducted on June 14, 2007 to determine if pneumatic communication would occur through the 30-foot unit.

Baseline Measurements

Baseline vacuum measurements and PID/FID readings were taken at each of the six new vapor monitoring probes (VMP-1 through VMP-6) and the three new SVE wells on the Star City Auto Body property (VE-6S through VE-8S). All baseline vacuum measurements were found to be at the lower detection limit of the handheld vacuum gauge and are considered to be a non-detect of vacuum under ambient conditions.

Prior to taking PID and FID readings, existing vapors in the VMPs and SVE wells were purged using a portable pump. One full purge volume was extract from the VMPs; however, due to the size of the SVE wells, a full purge volume could not be extracted. The data indicated that the highest influent VOC concentration would be detected during operation of well VE-7S, which is located in the suspected source area. The full results from the baseline measurements can be found in Table B-1.

Pneumatic Communications Test

A pneumatic communications test was performed by operating the liquid ring pump at a single well to determine whether or not a vacuum response would be observed in the VMPs, which are screened in or beneath the 30-foot unit. Three shallow wells in the Star City Auto Body property (VE-6S through VE-8S) and one shallow well in the 3 Kings property (VE-4S) were chosen for operation.

In all tests, a measurable vacuum was observed in more than one of the deep VMPs. The response at the closest deep VMP was significant and instantaneous. Detections at outlying VMPs were typically near the lower detection limit of the handheld gauge (0.030 to 0.040 in. H_2O range). With an applied vacuum of 12 in. Hg at VE-4S in the 3 Kings lot, a vacuum of 1.6 and 1.9 in. H_2O was observed at VMP-1 and VMP-2, respectively (both of which are considered "adjacent" at a distance of approximately 8 ft from the operating well). 0.45 in. H_2O of water was measured at VMP-3 which was approximately 30 feet away.

The instantaneous, strong vacuum response observed during the testing presents strong evidence that pneumatic communication occurs across the 30-foot unit. This result indicates that shallow soils remediated via SVE may become re-contaminated by vapors transported from deep vadose zone soils through the 30-foot layer.

B.2 Single Well Step Tests and Transient Tests

The second phase of the expanded SVE pilot test was conducted from June 15, 2007 to June 19, 2007. This phase consisted of step tests at each of the new SVE wells VE-6S

through VE-8S to determine the ROI. Transient tests were performed to allow for calculations of intrinsic permeability of the soil.

The summary of the phase 2 test procedure and results are discussed in the following paragraphs. Data from these step tests are presented in Table B-2 through B-4.

VE-8S Step Test

Overview The step test for VE-1S lasted approximately 7.5 hours, starting at 8:24 and ending at 15:50 on June 15, 2007. Subsurface pressure was measured in the VMPs and non-operating SVE wellheads to estimate the ROI. During the test, VOC concentrations at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-2.

Step Test The liquid ring pump was connected to well VE-8S and was started at 8:24. For the first step, the blower was adjusted until a vacuum of 6 in. Hg was achieved at the wellhead. The initial flow rate was 76 SCFM and increased to 108 SCFM within the duration of the first step. Subsurface pressure was recorded to estimate the ROI; these values ranged from 0.005 inch of water (in. H_2O) at VMP-3 to 1.664 in. H_2O at VMP-6 (adjacent to operating well). Vacuum readings generally increased throughout the duration of the step. The vacuum readings from VMP-3 were at the handheld gauge's lower measurement limit and indicated a non-detect of vacuum response.

For the second step, the liquid ring pump was opened to allow for maximum vacuum on well VE-8S. Vacuum increased to 8 in. Hg at the wellhead. The initial flow rate was 125 SCFM and increased to 145 SCFM within the duration of the second step. Subsurface pressure readings at the non-operating wellheads ranged from 0.019 in. H_2O at VMP-3 to 2.16 in. H_2O at VMP-6. The vacuum readings from VMP-3 were at the handheld gauge's lower measurement limit and indicated a non-detect of vacuum response.

Due to an operational constraint at the liquid ring pump, further vacuum could not be applied at the wellhead. As a result, the applied vacuum was reduced for the third step. The wellhead vacuum pressure was reduced to 4 in. Hg at the wellhead while a vacuum of 19 in. Hg was recorded at the pump. The initial flow rate was 91 SCFM and increased to 93 SCFM within the duration of the third step. Subsurface pressure readings at the non-operating wellheads ranged from 0.007 in. H_2O at VMP-3 to 1.6 in. H_2O at VMP-6. The vacuum readings from VMP-3 were at the handheld gauge's lower measurement limit and indicated a non-detect of vacuum response. Vacuum measurements taken at each shallow well versus the applied vacuum at the each step is illustrated in Figure B-2.

PID and FID measurements were taken at the GAC influent, outlet (the sample port in between the two GAC units), and the discharge (effluent) streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 407 ppmv (PID) was recorded for the influent stream. Soil vapor samples from each stream were collected in 1-liter Summa canisters for laboratory analysis.

VE-6S Test

Overview The step test for VE-6S lasted approximately 7 hours, starting at 8:45 and ending at 15:35 on June 18, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the ROI. During the test, VOC concentrations at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-3.

Step Test For the first step, the blower was adjusted until a vacuum of 4 in. Hg was achieved at the wellhead. The initial flow rate was 111 SCFM and increased to 113 SCFM within the duration of the first step. Subsurface vacuum was recorded to estimate the ROI; these values ranged from 0.004 in. H_2O at VMP-1 to 1.49 in. H_2O at well VMP-4 (adjacent to operating well). The vacuum readings from the three outlying VMPs in the 3 Kings property (VMP-1 through VMP-3) were at the handheld gauge's lower measurement limit and indicated a non-detect of vacuum response.

The second step began by increasing the wellhead vacuum to 6 in. Hg. A flow rate of 145 SCFM was maintained over the course of the step. Subsurface vacuum readings ranged from 0.007 in. H_2O at VMP-3 to 1.85 in. H_2O at VMP-4. The vacuum readings from VMP-3 were at the handheld gauge's lower measurement limit and indicated a non-detect of vacuum response.

Due to an operational constraint at the liquid ring pump, further vacuum could not be applied at the wellhead. As a result, the applied vacuum was reduced for the third step. Vacuum decreased to 2.5 in. Hg at the wellhead. The flow rate remained at 87 SCFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.002 in. H_2O at VMP-3 to 1.15 in. H_2O at VMP-4. The vacuum readings from the three outlying VMPs in the 3 Kings property (VMP-1 through VMP-3) were at the handheld gauge's lower measurement limit and indicated a non-detect of vacuum response. Vacuum measurements taken at each shallow well versus the applied vacuum at the each step is illustrated in Figure B-3.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 182 ppmv (PID) was recorded for the influent stream. Soil gas samples from each stream were collected in 1 liter Summa canisters for laboratory analysis.

VE-7S Step Test

Overview The step test for VE-7S lasted approximately 5.5 hours, starting at 10:10 and ending at 15:40 on June 19. 2007. Subsurface pressure was measured in the VMPs and non-operating wellheads to estimate the ROI. During the test, VOC concentrations at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-4.

Step Test For the first step, the blower was adjusted until a vacuum of 7 in. Hg was achieved at the wellhead. The initial flow rate was 95.5 SCFM and increased to 101 SCFM within the duration of the first step. Subsurface vacuum was recorded to estimate the ROI; these values ranged from 0.003 in. H_2O at VMP-3 to 1.17 in. H_2O at well VMP-5 (adjacent to operating well). The vacuum readings from VMP-3 were at the handheld gauge's lower measurement limit and indicated a non-detect of vacuum response.

The second step began by increasing the wellhead vacuum pressure to 8 in. Hg with a corresponding pressure of 16 in. Hg measured at the pump. The initial flow rate was 150 SCFM and increased to 160 SCFM within the duration of the step. Subsurface vacuum pressure readings ranged from 0.003 in. H_2O at VMP-3 to 1.65 in. H_2O at VMP-5. The vacuum readings from VMP-3 were at the handheld gauge's lower measurement limit and may indicate a non-detect of vacuum response.

Due to an operational constraint at the liquid ring pump, further vacuum could not be applied at the wellhead. As a result, the applied vacuum was reduced for the third step. Vacuum decreased to 3 in. Hg at the wellhead. The flow rate remained at 85 SCFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.005 in. H_2O at VMP-3 to 0.9 in. H_2O at VMP-5. The vacuum readings from VMP-3 were at the handheld gauge's lower measurement limit and indicated a non-detect of vacuum response. Vacuum measurements taken at each shallow well versus the applied vacuum at the each step is illustrated in Figure B-4.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 610 ppmv (PID) was recorded for the influent stream. Soil gas samples from each stream were collected in 1-liter Summa canisters for laboratory analysis.

Transient Tests

Transient tests were conducted at both the former 3 Kings lot and the Star City Auto Body property. For these tests, a given SVE well was operated under maximum applied vacuum while a nearby VMP or SVE well was monitored for vacuum changes over time. Transient test data (collected from operations at SVE wells VE-5S and VE-7S) are displayed in Figures B-1 through B-3. The steep curve in the initial phase of the transient test highlights the immediate and substantial vacuum response experienced during SVE operation. Additionally, each graph shows an asymptotic region beginning near the 600s mark, suggesting that system approaches near-equilibrium conditions within 10 minutes of operation.

B.3 Continuous System Testing

Between June 20 and July 20, 2007, the SVE system was operated continuously. This portion of the test was intended to define the VOC mass removal time trend in extracted vapor and define the vacuum distribution in the surface as it reached equilibrium. Based on the step test results, SVE wells VE-7S and VE-8S were selected for continuous testing.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams daily to ensure that the system was operating within the requirements of the SCAQMD permit. Soil vapor samples were also collected periodically.

The system was shut down on July 20, 2007, in response to EPA's requirement.

Figure B-1
Omega Chemical Superfund Site Expanded SVE Pilot Test
Transient Vacuum Response at VMP-6, Operating Well VE-7S

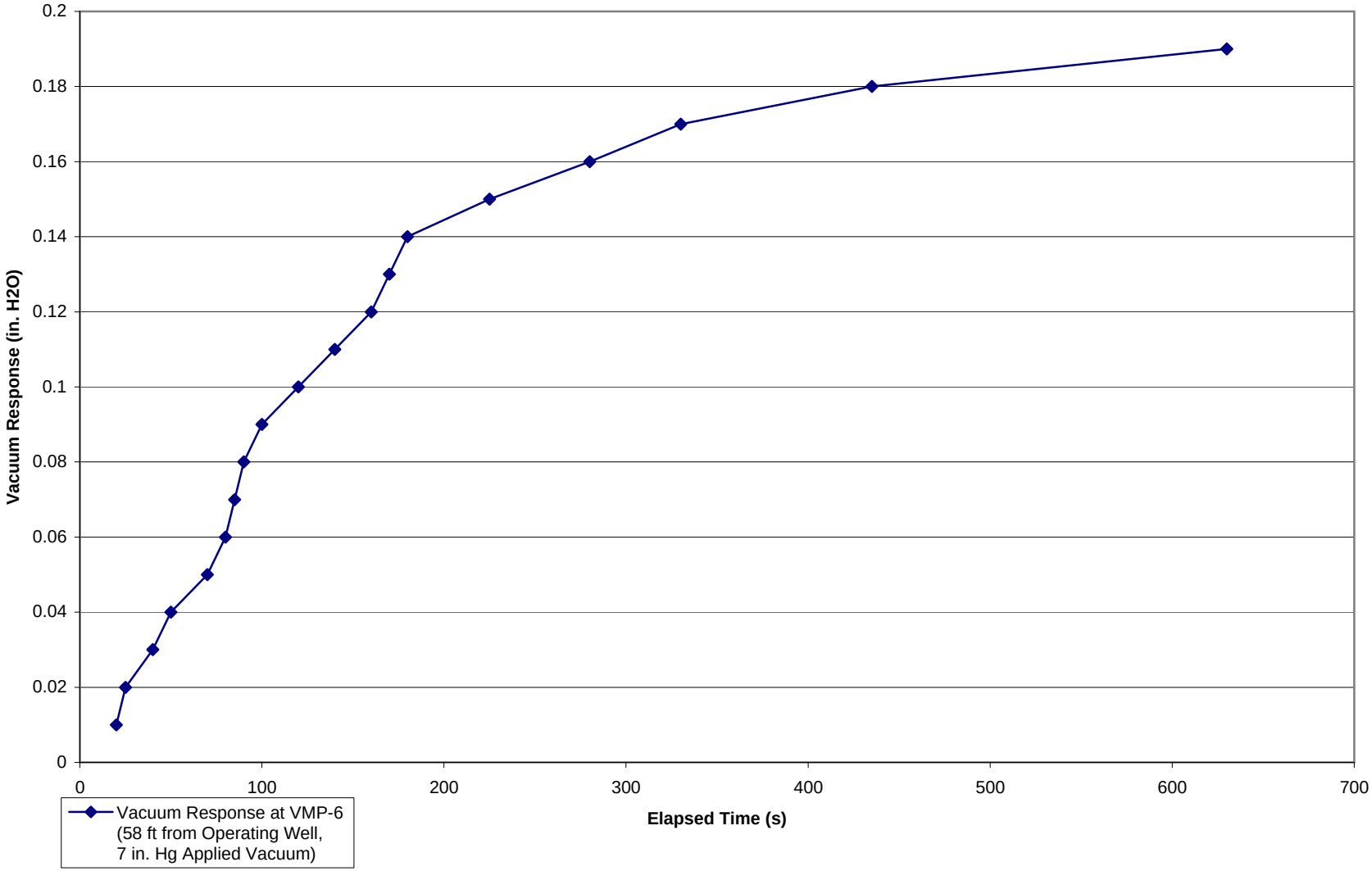

Figure B-2
Omega Chemical Superfund Site Expanded SVE Pilot Test
Transient Vacuum Response at VMP-2, Operating Well VE-5S

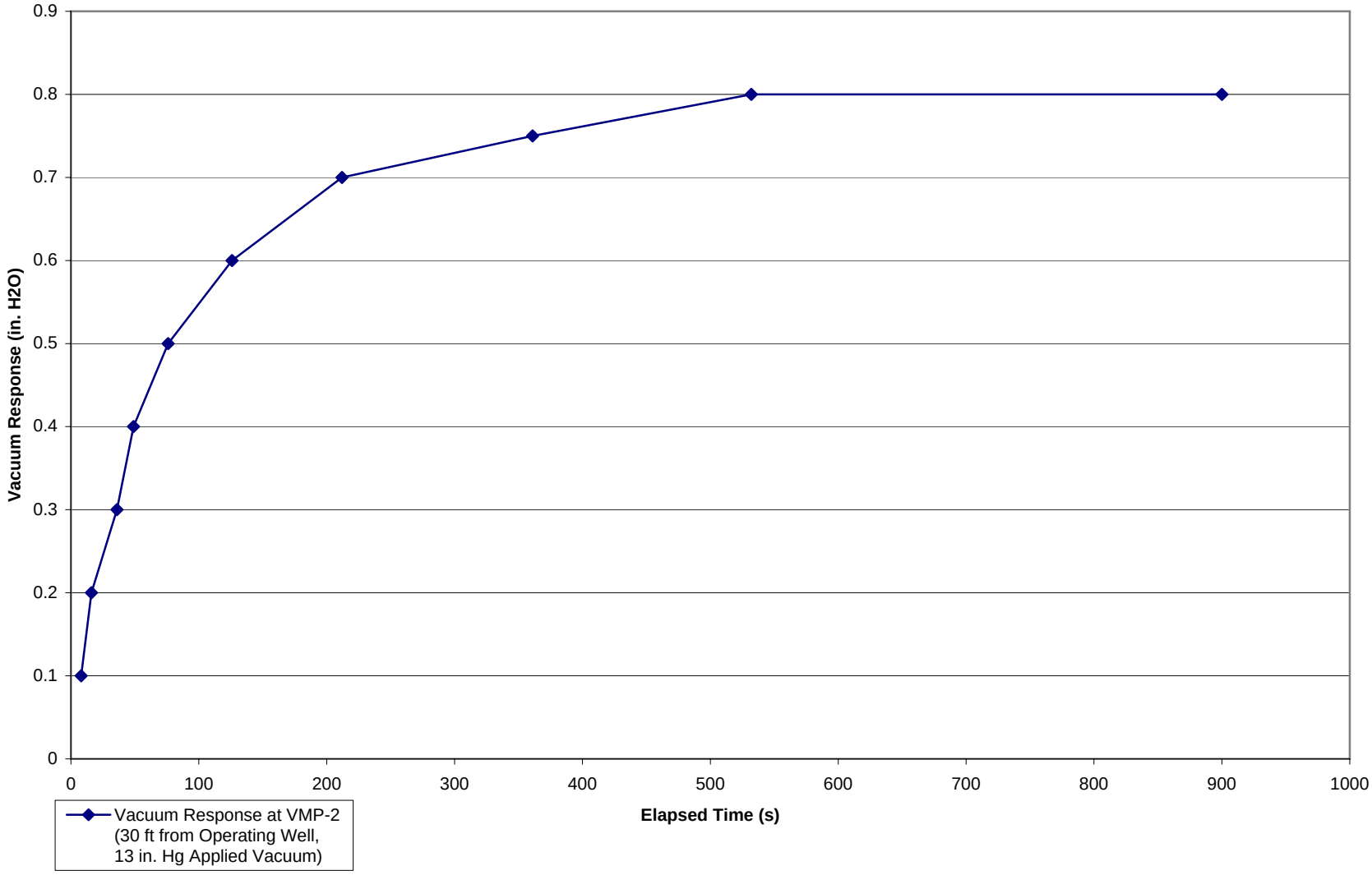

Figure B-3
Omega Chemical Superfund Site Expanded SVE Pilot Test
Transient Vacuum Response at VE-4S, Operating Well VE-5S

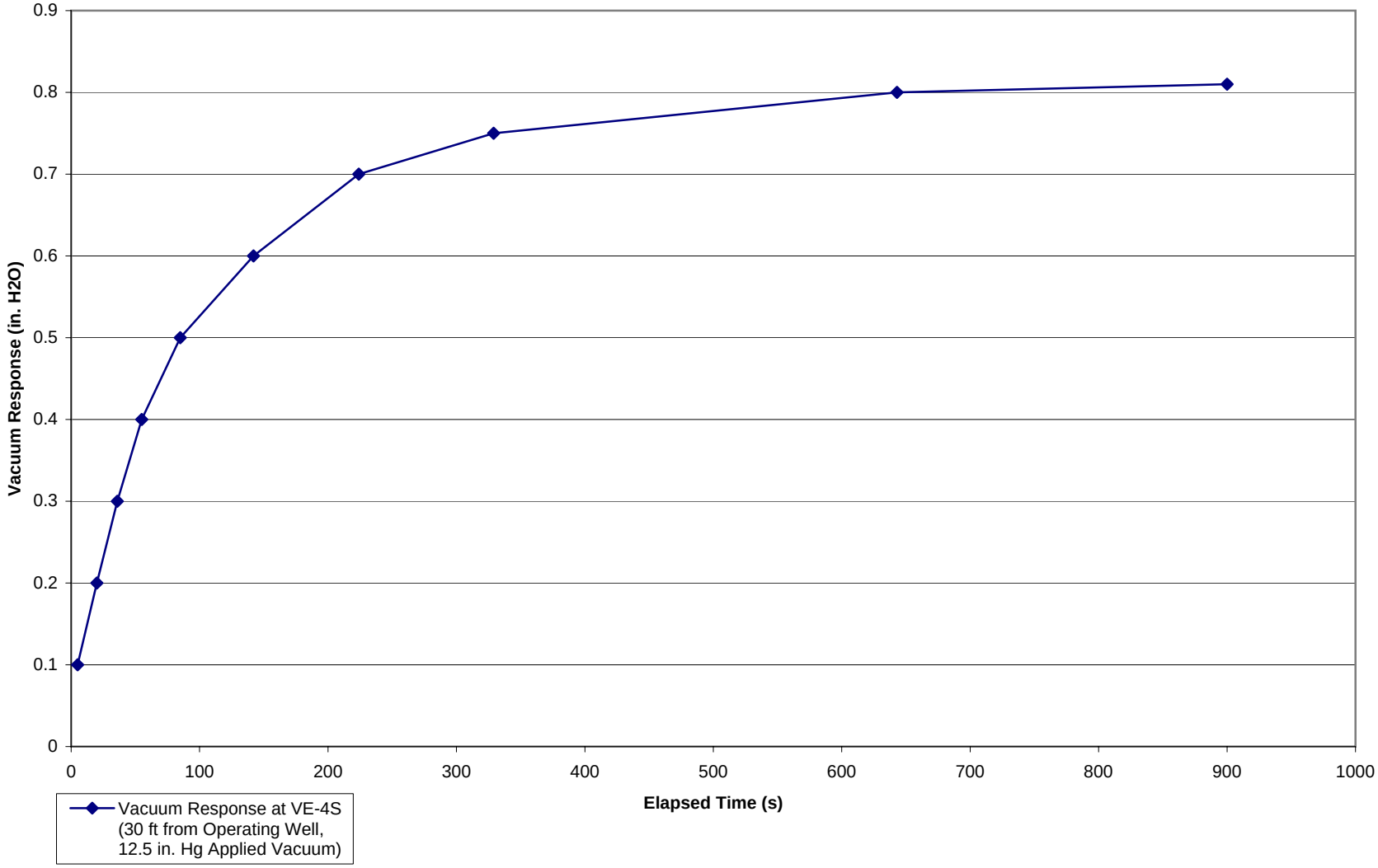

Table B-1
Omega Chemical Superfund Site
Baseline Field Measurements

Location	Ambient Vac. in. Hg	PID ppmv	FID ppmv	Comments
VE-6S	-0.017	181	168.2	Did not purge full well volume
VE-7S	-0.006	147	333	Did not purge full well volume
VE-8S	0.001	13.8	13.8	Did not purge full well volume
VMP-1	0.004	561	1441	
VMP-2	-0.009	171.4	328.4	
VMP-3	0.001	91.4	138	
VMP-4	0.009	154	482.7	
VMP-5	-0.006	1380	4374	
VMP-6	-0.014	830	3230	

Notes:

in. Hg inches of mercury
ppmv parts per million

Table B-2
Omega Chemical Superfund Site Expanded SVE Pilot Test
VE-8S Step Test Field Data 6/15/07

Step 1													
	Operating Well - VE-8S			Vacuum Measurements - in. H2O									
Time	Vacuum	Flow	Temperature	VE-8S	VE-7S	VE-6S	VE-5S	VE-2M	VMP-6	VMP-5	VMP-4	VMP-3	VMP-2	VMP-1
	in. Hg	SCFM	°F	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20
8:45	6	83.5	70	--	0.159	0.02			1.35	0.12	0.018	0.005	0.047	0.048
9:20	6	90	70	--	0.181	0.035	0.09	0.028	1.4	0.15	0.038	0.022	0.059	0.067
10:00	6	99	70	--	0.193	0.028	0.1	0.023	1.6	0.18	0.036	0.014	0.059	0.062
10:50	6	108	70	--	0.187	0.027	0.108	0.027	1.66	0.19	0.023	0.025	0.056	0.054
Step 2														
	Operating Well - VE-8S			Vacuum Measurements - in. H2O									
Time	Vacuum	Flow	Temperature	VE-8S	VE-7S	VE-6S	VE-5S	VE-2M	VMP-6	VMP-5	VMP-4	VMP-3	VMP-2	VMP-1
	in. Hg	SCFM	°F	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20
11:25	8	128	70	--	0.252	0.038	0.121	0.018	2.04	0.22	0.038	0.023	0.065	0.064
12:00	7.2	--	--	--	0.252	0.049	0.138	0.039	2.08	0.23	0.038	0.025	0.08	0.078
12:30	7.2	131	70	--	0.25	0.025	0.109	0.021	2.13	0.24	0.038	0.019	0.062	0.06
13:30	7	145	70	--	0.262	0.036	0.13	0.033	2.16	0.23	0.037	0.021	0.079	0.082
Step 3														
	Operating Well - VE-8S			Vacuum Measurements - in. H2O									
Time	Vacuum	Flow	Temperature	VE-8S	VE-7S	VE-6S	VE-5S	VE-2M	VMP-6	VMP-5	VMP-4	VMP-3	VMP-2	VMP-1
	in. Hg	SCFM	°F	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20
14:30	4	91	70	--	0.179	0.028	0.081	0.011	1.6	0.17	0.015	0.007	0.05	0.05
15:20	4	93	70	--	0.178	0.028	0.086	0.007	1.6	0.18	0.019	0.011	0.061	0.053

Step 1						
	PID (ppmv)			FID (ppmv)		
Time	Influent	Outlet	Effluent	Influent	Outlet	Effluent
8:45	370	0	0	948	0	0
10:00	360	0	0	1080	0	0
10:50	407	0	0	1100	0	0
Step 2						
	PID (ppmv)			FID (ppmv)		
Time	Influent	Outlet	Effluent	Influent	Outlet	Effluent
11:25	387	0	0	1146	0	0
12:30	388	0	0	1100	1.7	0
13:30	363	0	0	NM	NM	NM
Step 3						
	PID (ppmv)			FID (ppmv)		
Time	Influent	Outlet	Effluent	Influent	Outlet	Effluent
14:30	385	0	0	NM	NM	NM
15:20	404	0	0	NM	NM	NM

Notes

--	well in operation
°F	degrees Fahrenheit
in. H2O	inches of water
in. Hg	inches of mercury
NM	not measured
ppmv	parts per million by volume
SCFM	standard cubic feet per minute

Table B-3
Omega Chemical Superfund Site Expanded SVE Pilot Test
VE-6S Step Test Field Data 6/18/07

Step 1													
	Operating Well - VE-6S			Vacuum Measurements - in. H2O									
Time	Vacuum	Flow	Temperature	VE-8S	VE-7S	VE-6S	VE-5S	VE-2M	VMP-6	VMP-5	VMP-4	VMP-3	VMP-2	VMP-1
	in. Hg	SCFM	°F	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20
9:10	4	111	72	0.02	0.082	--	0.005	0.002	0.03	0.08	1.43	0.05	0.01	0.004
10:10	4	109	74	0.035	0.093	--	0.039	0.018	0.039	0.09	1.49	0.01	0.034	0.036
11:10	4	113	73	0.031	0.093	--	0.026	0.006	0.034	0.09	1.49	0.007	0.021	0.029
Step 2														
	Operating Well - VE-6S			Vacuum Measurements - in. H2O									
Time	Vacuum	Flow	Temperature	VE-8S	VE-7S	VE-6S	VE-5S	VE-2M	VMP-6	VMP-5	VMP-4	VMP-3	VMP-2	VMP-1
	in. Hg	SCFM	°F	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20
12:10	6	145	72	0.027	0.102	--	0.036	0.016	0.046	0.102	1.8	0.007	0.021	0.034
13:15	6	145	72	0.03	0.111	--	0.041	0.006	0.043	0.11	1.85	0.007	0.023	0.028
Step 3														
	Operating Well - VE-6S			Vacuum Measurements - in. H2O									
Time	Vacuum	Flow	Temperature	VE-8S	VE-7S	VE-6S	VE-5S	VE-2M	VMP-6	VMP-5	VMP-4	VMP-3	VMP-2	VMP-1
	in. Hg	SCFM	°F	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20
14:25	2.5	87	72	0.008	0.062	--	0.027	0.006	0.009	0.08	1.15	0.002	0.005	0.01
15:20	2.5	86	74	0.009	0.061	--	0.021	0.003	0.013	0.08	1.15	0.004	0.02	0.022

Step 1						
	PID (ppmv)			FID (ppmv)		
Time	Influent	Outlet	Effluent	Influent	Outlet	Effluent
9:10	182	0	0	425.7	0	0
11:10	83.5	0	0	268.4	0	0
Step 2						
	PID (ppmv)			FID (ppmv)		
Time	Influent	Outlet	Effluent	Influent	Outlet	Effluent
12:10	103	0	0	283.4	0	0
13:15	99.8	0	0	275.6	0	0
Step 3						
	PID (ppmv)			FID (ppmv)		
Time	Influent	Outlet	Effluent	Influent	Outlet	Effluent
14:25	103	0	0	261.9	0	0

Notes

--	well in operation
°F	degrees Fahrenheit
in. H2O	inches of water
in. Hg	inches of mercury
NM	not measured
ppmv	parts per million by volume
SCFM	standard cubic feet per minute

Table B-4
Omega Chemical Superfund Site Expanded SVE Pilot Test
VE-7S Step Test Field Data 6/19/07

Step 1													
	Operating Well - VE-7S			Vacuum Measurements - in. H2O									
Time	Vacuum	Flow	Temperature	VE-8S	VE-7S	VE-6S	VE-5S	VE-2M	VMP-6	VMP-5	VMP-4	VMP-3	VMP-2	VMP-1
	in. Hg	SCFM	°F	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20
10:25	7	95.5	74	0.16	--	0.072	0.052	0.002	0.18	1	0.061	0.011	0.025	0.035
10:55	5.5	98	72	0.174	--	0.077	0.054	0.009	0.2	1.1	0.077	0.003	0.03	0.035
11:53	5.5	101	74	0.19	--	0.092	0.05	0.011	0.21	1.17	0.086	0.006	0.03	0.04
12:20	5	NM	NM	0.19	--	0.092	NM	NM	0.21	1.17	0.086	NM	NM	NM
Step 2														
	Operating Well - VE-7S			Vacuum Measurements - in. H2O									
Time	Vacuum	Flow	Temperature	VE-8S	VE-7S	VE-6S	VE-5S	VE-2M	VMP-6	VMP-5	VMP-4	VMP-3	VMP-2	VMP-1
	in. Hg	SCFM	°F	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20
12:45	8	150	72	0.263	--	0.114	0.053	0.014	0.26	1.6	0.133	0.007	0.035	0.045
13:25	7	160	72	0.258	--	0.113	0.061	0.01	0.28	1.65	0.125	0.003	0.035	0.04
13:50	7	NM	NM	0.258	--	0.113	NM	NM	0.28	1.65	0.125	NM	NM	NM
Step 3														
	Operating Well - VE-7S			Vacuum Measurements - in. H2O									
Time	Vacuum	Flow	Temperature	VE-8S	VE-7S	VE-6S	VE-5S	VE-2M	VMP-6	VMP-5	VMP-4	VMP-3	VMP-2	VMP-1
	in. Hg	SCFM	°F	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20	in. H20
14:30	3	85	75	0.163	--	0.065	0.042	0.011	0.18	0.9	0.072	0.005	0.025	0.04
15:15	3	85.5	74	0.16	--	0.066	0.039	0.008	0.18	0.9	0.066	0.008	0.03	0.04

Step 1						
	PID (ppmv)			FID (ppmv)		
Time	Influent	Outlet	Effluent	Influent	Outlet	Effluent
10:25	505	0	0	1104	0	0
11:53	580	0	0	1421	0	0
Step 2						
	PID (ppmv)			FID (ppmv)		
Time	Influent	Outlet	Effluent	Influent	Outlet	Effluent
12:45	610	0	0	1445	0	0
Step 3						
	PID (ppmv)			FID (ppmv)		
Time	Influent	Outlet	Effluent	Influent	Outlet	Effluent
14:30	574	0	0	1337	0	0
15:15	404	0	0	NM	NM	NM

Notes

--	well in operation
°F	degrees Fahrenheit
in. H2O	inches of water
in. Hg	inches of mercury
NM	not measured
ppmv	parts per million by volume
SCFM	standard cubic feet per minute

Appendix C
Analytical Reports

22 June 2007

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 06/18/07 12:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas
Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-INFLUENT-VE7S-061407	T700789-01	Air	06/14/07 13:10	06/18/07 12:40
GAC-EFFLUENT-VE7S-061407	T700789-02	Air	06/14/07 13:10	06/18/07 12:40
GAC-OUTLET-VE8S-061507	T700789-03	Air	06/15/07 13:30	06/18/07 12:40
GAC-INFLUENT-VE8S-061507	T700789-04	Air	06/15/07 13:30	06/18/07 12:40

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

GAC-INFLUENT-VE7S-061407

T700789-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
Acetone	ND	50	ppb(v)	2.94	7061801	06/18/07	06/19/07	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**220**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**240**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**9400**	50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**410**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Methylene chloride	**280**	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**29000**	50	"	"	"	"	"	"	
Tetrahydrofuran	**82**	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	**64**	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**91**	50	"	"	"	"	"	"	
Trichloroethene	**3100**	50	"	"	"	"	"	"	
Trichlorofluoromethane	**1700**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

GAC-INFLUENT-VE7S-061407

T700789-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
1,3,5-Trimethylbenzene	ND	50	ppb(v)	2.94	7061801	06/18/07	06/19/07	TO-15	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone (MEK)	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

GAC-EFFLUENT-VE7S-061407

T700789-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**56**	5.0	ppb(v)	2	7061801	06/18/07	06/19/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	**2.9**	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**2.3**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**12**	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**66**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

GAC-EFFLUENT-VE7S-061407

T700789-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,3,5-Trimethylbenzene	ND	1.0	ppb(v)	2	7061801	06/18/07	06/19/07	TO-15	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**20**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.3 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

GAC-OUTLET-VE8S-061507

T700789-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**18**	5.0	ppb(v)	2	7061801	06/18/07	06/19/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	**9.2**	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**3.7**	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**38**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

GAC-OUTLET-VE8S-061507

T700789-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,3,5-Trimethylbenzene	ND	1.0	ppb(v)	2	7061801	06/18/07	06/19/07	TO-15	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**12**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

GAC-INFLUENT-VE8S-061507

T700789-04 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
Acetone	ND	50	ppb(v)	2.25	7061801	06/18/07	06/19/07	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**270**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**400**	50	"	"	"	"	"	"	
1,2-Dichloroethane	**260**	50	"	"	"	"	"	"	
1,1-Dichloroethene	**1700**	50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**79**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Methylene chloride	**75**	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**25000**	50	"	"	"	"	"	"	
Tetrahydrofuran	**65**	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**650**	50	"	"	"	"	"	"	
Trichloroethene	**1100**	50	"	"	"	"	"	"	
Trichlorofluoromethane	**180**	50	"	"	"	"	"	"	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

GAC-INFLUENT-VE8S-061507

T700789-04 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
1,3,5-Trimethylbenzene	ND	50	ppb(v)	2.25	7061801	06/18/07	06/19/07	TO-15	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	**54**	50	"	"	"	"	"	"	
2-Butanone (MEK)	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7061801 - Canister Analysis										
Blank (7061801-BLK1)				Prepared: 06/18/07 Analyzed: 06/19/07						
Surrogate: 4-Bromofluorobenzene	*5.68*		*ppb(v)*	*6.25*		*90.9*	*40-160*			
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							

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Albert Vargas

Albert Vargas, Project Coordinator

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7061801 - Canister Analysis										
Blank (7061801-BLK1)				Prepared: 06/18/07 Analyzed: 06/19/07						
Trichlorofluoromethane	ND	1.0	ppb(v)							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone (MEK)	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (7061801-DUP1)	**Source: T700789-02**			Prepared: 06/18/07 Analyzed: 06/19/07						
Surrogate: 4-Bromofluorobenzene	*5.44*		*ppb(v)*	*6.25*		*87.0*	*40-160*			
Acetone	48.4	5.0	"		55.5			13.7	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"		ND				30	
Isopropyl alcohol	ND	1.0	"		2.92				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/22/07 17:31

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7061801 - Canister Analysis										
Duplicate (7061801-DUP1)	**Source: T700789-02**		Prepared: 06/18/07 Analyzed: 06/19/07							
1,1-Dichloroethene	1.72	1.0	ppb(v)		2.26			27.1	30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	12.0	1.0	"		11.9			0.334	30	
Tetrahydrofuran	55.5	1.0	"		65.9			17.1	30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	ND	1.0	"		ND				30	
1,3,5-Trimethylbenzene	ND	1.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	1.0	"		ND				30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone (MEK)	17.2	5.0	"		19.9			14.5	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	1.0	"		ND				30	
Toluene	ND	1.0	"		ND				30	
Ethylbenzene	ND	1.0	"		ND				30	
m,p-Xylene	ND	2.0	"		ND				30	
o-Xylene	ND	1.0	"		ND				30	

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Albert Vargas

Albert Vargas, Project Coordinator

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

27 June 2007

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 06/20/07 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas
Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-INFLUENT-VE6S-061807	T700804-01	Air	06/18/07 12:30	06/20/07 15:30
GAC-OUTLET-VE6S-061807	T700804-02	Air	06/18/07 12:30	06/20/07 15:30

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:10

GAC-INFLUENT-VE6S-061807

T700804-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**120**	5.0	ppb(v)	10	7062104	06/21/07	06/22/07	TO-15	
1,3-Butadiene	ND	2.0	"	1	"	"	06/22/07	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	**26**	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**5.5**	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	**7.7**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**490**	1.0	"	10	"	"	06/22/07	"	
cis-1,2-Dichloroethene	ND	1.0	"	1	"	"	06/22/07	"	
trans-1,2-Dichloroethene	**19**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	**1.5**	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**320**	1.0	"	10	"	"	06/22/07	"	
Tetrahydrofuran	**22**	1.0	"	1	"	"	06/22/07	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1.5**	1.0	"	"	"	"	"	"	
Trichloroethene	**380**	1.0	"	10	"	"	06/22/07	"	
Trichlorofluoromethane	**85**	1.0	"	1	"	"	06/22/07	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:10

GAC-INFLUENT-VE6S-061807

T700804-01 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
1,3,5-Trimethylbenzene	ND	1.0	ppb(v)	1	7062104	06/21/07	06/22/07	TO-15	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**23**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	**5.3**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**3.6**	2.0	"	"	"	"	"	"	
o-Xylene	**1.7**	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.6 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:10

GAC-OUTLET-VE6S-061807

T700804-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**15**	5.0	ppb(v)	1	7062104	06/21/07	06/22/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	**10**	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**3.6**	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**23**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:10

GAC-OUTLET-VE6S-061807

T700804-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,3,5-Trimethylbenzene	ND	1.0	ppb(v)	1	7062104	06/21/07	06/22/07	TO-15	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**7.3**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	**1.2**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:10

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7062104 - Canister Analysis										
Blank (7062104-BLK1)				Prepared: 06/21/07 Analyzed: 06/22/07						
Surrogate: 4-Bromofluorobenzene	*6.03*		*ppb(v)*	*6.25*		*96.5*	*40-160*			
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7062104 - Canister Analysis										
Blank (7062104-BLK1)				Prepared: 06/21/07 Analyzed: 06/22/07						
Trichlorofluoromethane	ND	1.0	ppb(v)							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone (MEK)	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Duplicate (7062104-DUP1)		**Source: T700803-02**		Prepared: 06/21/07 Analyzed: 06/22/07						
Surrogate: 4-Bromofluorobenzene	*6.14*		*ppb(v)*	*6.25*		*98.2*	*40-160*			
Acetone	31.9	10	"		33.9			6.22	30	
1,3-Butadiene	ND	10	"		ND				30	
Carbon disulfide	ND	10	"		0.690				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	10	"		ND				30	
Isopropyl alcohol	ND	10	"		14.7				30	
Bromodichloromethane	ND	10	"		ND				30	
Bromoform	ND	10	"		ND				30	
Bromomethane	ND	10	"		ND				30	
Carbon tetrachloride	ND	10	"		ND				30	
Chlorobenzene	ND	10	"		ND				30	
Chloroethane	ND	10	"		ND				30	
Chloroform	ND	10	"		ND				30	
Chloromethane	ND	10	"		0.938				30	
Cyclohexane	ND	10	"		ND				30	
Hexane	ND	10	"		ND				30	
Dibromochloromethane	ND	10	"		ND				30	
Heptane	ND	10	"		0.290				30	
1,2-Dibromoethane (EDB)	ND	10	"		ND				30	
1,2-Dichlorobenzene	ND	10	"		ND				30	
1,3-Dichlorobenzene	ND	10	"		ND				30	
1,4-Dichlorobenzene	ND	10	"		ND				30	
Dichlorodifluoromethane	ND	10	"		0.483				30	
1,1-Dichloroethane	ND	10	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:10

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7062104 - Canister Analysis										
Duplicate (7062104-DUP1)	**Source: T700803-02**		Prepared: 06/21/07 Analyzed: 06/22/07							
1,2-Dichloroethane	ND	10	ppb(v)		ND				30	
1,1-Dichloroethene	ND	10	"		0.745				30	
cis-1,2-Dichloroethene	ND	10	"		ND				30	
trans-1,2-Dichloroethene	ND	10	"		ND				30	
1,2-Dichloropropane	ND	10	"		ND				30	
cis-1,3-Dichloropropene	ND	10	"		ND				30	
trans-1,3-Dichloropropene	ND	10	"		ND				30	
4-Ethyltoluene	ND	10	"		ND				30	
Methylene chloride	ND	10	"		0.662				30	
Styrene	ND	10	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	10	"		ND				30	
Tetrachloroethene	5.90	10	"		6.32			6.88	30	
Tetrahydrofuran	46.6	10	"		49.0			4.97	30	
1,1,2-Trichloroethane	ND	10	"		ND				30	
1,1,1-Trichloroethane	ND	10	"		ND				30	
Trichloroethene	ND	10	"		ND				30	
Trichlorofluoromethane	ND	10	"		ND				30	
1,3,5-Trimethylbenzene	ND	10	"		ND				30	
1,2,4-Trimethylbenzene	ND	10	"		ND				30	
Vinyl acetate	ND	10	"		ND				30	
Vinyl chloride	ND	10	"		ND				30	
1,4-Dioxane	ND	10	"		ND				30	
2-Butanone (MEK)	14.5	10	"		15.1			4.31	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	10	"		ND				30	
Toluene	ND	10	"		ND				30	
Ethylbenzene	ND	10	"		ND				30	
m,p-Xylene	ND	10	"		ND				30	
o-Xylene	ND	10	"		ND				30	
Methyl tert-butyl ether	ND	10	"		ND				30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

27 June 2007

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 06/20/07 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas
Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-INFLUENT-VE7S-061907	T700803-01	Air	06/19/07 13:00	06/20/07 15:30
GAC-OUTLET-VE7S-061907	T700803-02	Air	06/19/07 13:00	06/20/07 15:30
GAC-INFLUENT-7S8S-062007	T700803-03	Air	06/20/07 11:45	06/20/07 15:30
GAC-OUTLET-7S8S-062007	T700803-04	Air	06/20/07 11:45	06/20/07 15:30

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

GAC-INFLUENT-VE7S-061907

T700803-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-06**
Acetone	**18**	10	ppb(v)	10	7062104	06/21/07	06/22/07	TO-15	
1,3-Butadiene	ND	10	"	"	"	"	"	"	
Carbon disulfide	ND	10	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**3100**	10	"	1.81	"	"	"	"	
Isopropyl alcohol	ND	10	"	10	"	"	"	"	
Bromodichloromethane	ND	10	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	"	"	"	"	"	"	
Chlorobenzene	ND	10	"	"	"	"	"	"	
Chloroethane	ND	10	"	"	"	"	"	"	
Chloroform	**100**	10	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
Cyclohexane	ND	10	"	"	"	"	"	"	
Hexane	ND	10	"	"	"	"	"	"	
Dibromochloromethane	ND	10	"	"	"	"	"	"	
Heptane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	**130**	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
1,1-Dichloroethene	**5800**	10	"	1.81	"	"	06/22/07	"	
cis-1,2-Dichloroethene	ND	10	"	10	"	"	06/22/07	"	
trans-1,2-Dichloroethene	**240**	10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	10	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	10	"	"	"	"	"	"	
4-Ethyltoluene	ND	10	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Styrene	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	10	"	"	"	"	"	"	
Tetrachloroethene	**2400**	10	"	1.81	"	"	06/22/07	"	
Tetrahydrofuran	**35**	10	"	10	"	"	06/22/07	"	
1,1,2-Trichloroethane	**12**	10	"	"	"	"	"	"	
1,1,1-Trichloroethane	**36**	10	"	"	"	"	"	"	
Trichloroethene	**810**	10	"	1.81	"	"	06/22/07	"	
Trichlorofluoromethane	**830**	10	"	10	"	"	06/22/07	"	

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Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

GAC-INFLUENT-VE7S-061907

T700803-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-06**
1,3,5-Trimethylbenzene	ND	10	ppb(v)	10	7062104	06/21/07	06/22/07	TO-15	
1,2,4-Trimethylbenzene	ND	10	"	"	"	"	"	"	
Vinyl acetate	ND	10	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
1,4-Dioxane	ND	10	"	"	"	"	"	"	
2-Butanone (MEK)	**11**	10	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**12**	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*		*40-160*	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

GAC-OUTLET-VE7S-061907

T700803-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**34**	5.0	ppb(v)	1.38	7062104	06/21/07	06/22/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	**15**	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**6.3**	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**49**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

GAC-OUTLET-VE7S-061907

T700803-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,3,5-Trimethylbenzene	ND	1.0	ppb(v)	1.38	7062104	06/21/07	06/22/07	TO-15	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**15**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.6 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

GAC-INFLUENT-7S8S-062007

T700803-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-06**
Acetone	**24**	10	ppb(v)	10	7062104	06/21/07	06/22/07	TO-15	
1,3-Butadiene	ND	10	"	"	"	"	"	"	
Carbon disulfide	ND	10	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**4200**	10	"	1.96	"	"	"	"	
Isopropyl alcohol	ND	10	"	10	"	"	"	"	
Bromodichloromethane	ND	10	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	**70**	10	"	"	"	"	"	"	
Chlorobenzene	ND	10	"	"	"	"	"	"	
Chloroethane	ND	10	"	"	"	"	"	"	
Chloroform	**400**	10	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
Cyclohexane	ND	10	"	"	"	"	"	"	
Hexane	ND	10	"	"	"	"	"	"	
Dibromochloromethane	ND	10	"	"	"	"	"	"	
Heptane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	**490**	10	"	"	"	"	"	"	
1,2-Dichloroethane	**210**	10	"	"	"	"	"	"	
1,1-Dichloroethene	**8500**	10	"	1.96	"	"	06/22/07	"	
cis-1,2-Dichloroethene	**14**	10	"	10	"	"	06/22/07	"	
trans-1,2-Dichloroethene	**430**	10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	10	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	10	"	"	"	"	"	"	
4-Ethyltoluene	ND	10	"	"	"	"	"	"	
Methylene chloride	**11**	10	"	"	"	"	"	"	
Styrene	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	10	"	"	"	"	"	"	
Tetrachloroethene	**46000**	10	"	1.96	"	"	06/22/07	"	
Tetrahydrofuran	**61**	10	"	10	"	"	06/22/07	"	
1,1,2-Trichloroethane	**160**	10	"	"	"	"	"	"	
1,1,1-Trichloroethane	**500**	10	"	"	"	"	"	"	
Trichloroethene	**3600**	10	"	1.96	"	"	06/22/07	"	
Trichlorofluoromethane	**1000**	10	"	10	"	"	06/22/07	"	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

GAC-INFLUENT-7S8S-062007

T700803-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-06**
1,3,5-Trimethylbenzene	ND	10	ppb(v)	10	7062104	06/21/07	06/22/07	TO-15	
1,2,4-Trimethylbenzene	ND	10	"	"	"	"	"	"	
Vinyl acetate	ND	10	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
1,4-Dioxane	**100**	10	"	"	"	"	"	"	
2-Butanone (MEK)	**17**	10	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**55**	10	"	"	"	"	"	"	
Toluene	**10**	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.8 %*		*40-160*	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

GAC-OUTLET-7S8S-062007

T700803-04 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**20**	5.0	ppb(v)	1	7062104	06/21/07	06/22/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	**5.3**	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**6.3**	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**36**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

GAC-OUTLET-7S8S-062007

T700803-04 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,3,5-Trimethylbenzene	ND	1.0	ppb(v)	1	7062104	06/21/07	06/22/07	TO-15	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**11**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	**1.9**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7062104 - Canister Analysis										
Blank (7062104-BLK1)				Prepared: 06/21/07 Analyzed: 06/22/07						
Surrogate: 4-Bromofluorobenzene	*6.03*		*ppb(v)*	*6.25*		*96.5*	*40-160*			
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7062104 - Canister Analysis										
Blank (7062104-BLK1)				Prepared: 06/21/07 Analyzed: 06/22/07						
Trichlorofluoromethane	ND	1.0	ppb(v)							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone (MEK)	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Duplicate (7062104-DUP1)		**Source: T700803-02**		Prepared: 06/21/07 Analyzed: 06/22/07						
Surrogate: 4-Bromofluorobenzene	*6.14*		*ppb(v)*	*6.25*		*98.2*	*40-160*			
Acetone	31.9	10	"		33.9			6.22	30	
1,3-Butadiene	ND	10	"		ND				30	
Carbon disulfide	ND	10	"		0.690				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	10	"		ND				30	
Isopropyl alcohol	ND	10	"		14.7				30	
Bromodichloromethane	ND	10	"		ND				30	
Bromoform	ND	10	"		ND				30	
Bromomethane	ND	10	"		ND				30	
Carbon tetrachloride	ND	10	"		ND				30	
Chlorobenzene	ND	10	"		ND				30	
Chloroethane	ND	10	"		ND				30	
Chloroform	ND	10	"		ND				30	
Chloromethane	ND	10	"		0.938				30	
Cyclohexane	ND	10	"		ND				30	
Hexane	ND	10	"		ND				30	
Dibromochloromethane	ND	10	"		ND				30	
Heptane	ND	10	"		0.290				30	
1,2-Dibromoethane (EDB)	ND	10	"		ND				30	
1,2-Dichlorobenzene	ND	10	"		ND				30	
1,3-Dichlorobenzene	ND	10	"		ND				30	
1,4-Dichlorobenzene	ND	10	"		ND				30	
Dichlorodifluoromethane	ND	10	"		0.483				30	
1,1-Dichloroethane	ND	10	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/27/07 14:28

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7062104 - Canister Analysis										
Duplicate (7062104-DUP1)		**Source: T700803-02**		Prepared: 06/21/07 Analyzed: 06/22/07						
1,2-Dichloroethane	ND	10	ppb(v)		ND				30	
1,1-Dichloroethene	ND	10	"		0.745				30	
cis-1,2-Dichloroethene	ND	10	"		ND				30	
trans-1,2-Dichloroethene	ND	10	"		ND				30	
1,2-Dichloropropane	ND	10	"		ND				30	
cis-1,3-Dichloropropene	ND	10	"		ND				30	
trans-1,3-Dichloropropene	ND	10	"		ND				30	
4-Ethyltoluene	ND	10	"		ND				30	
Methylene chloride	ND	10	"		0.662				30	
Styrene	ND	10	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	10	"		ND				30	
Tetrachloroethene	5.90	10	"		6.32			6.88	30	
Tetrahydrofuran	46.6	10	"		49.0			4.97	30	
1,1,2-Trichloroethane	ND	10	"		ND				30	
1,1,1-Trichloroethane	ND	10	"		ND				30	
Trichloroethene	ND	10	"		ND				30	
Trichlorofluoromethane	ND	10	"		ND				30	
1,3,5-Trimethylbenzene	ND	10	"		ND				30	
1,2,4-Trimethylbenzene	ND	10	"		ND				30	
Vinyl acetate	ND	10	"		ND				30	
Vinyl chloride	ND	10	"		ND				30	
1,4-Dioxane	ND	10	"		ND				30	
2-Butanone (MEK)	14.5	10	"		15.1			4.31	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	10	"		ND				30	
Toluene	ND	10	"		ND				30	
Ethylbenzene	ND	10	"		ND				30	
m,p-Xylene	ND	10	"		ND				30	
o-Xylene	ND	10	"		ND				30	
Methyl tert-butyl ether	ND	10	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

Notes and Definitions

R-06	Sample was diluted due to high levels of organic compounds, resulting in raised reporting limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

28 June 2007

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 06/27/07 12:53. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas
Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/28/07 16:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-OUTLET-7585-062707	T700831-01	Air	06/27/07 10:50	06/27/07 12:53
GAC-INFLUENT-7585-062707	T700831-02	Air	06/27/07 10:50	06/27/07 12:53

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/28/07 16:00

GAC-OUTLET-7585-062707

T700831-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**5.9**	5.0	ppb(v)	2	7062708	06/27/07	06/27/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**20000**	1.0	"	3.15	"	"	06/27/07	"	
cis-1,2-Dichloroethene	ND	1.0	"	2	"	"	06/27/07	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	**530**	1.0	"	3.15	"	"	06/27/07	"	
Styrene	ND	1.0	"	2	"	"	06/27/07	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**4.8**	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**5.2**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/28/07 16:00

GAC-OUTLET-7585-062707

T700831-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichlorofluoromethane	**700**	1.0	ppb(v)	2	7062708	06/27/07	06/27/07	TO-15	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.1 %*	*40-160*		*"*	*"*	*"*	*"*	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/28/07 16:00

GAC-INFLUENT-7585-062707
T700831-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**7.4**	5.0	ppb(v)	2	7062708	06/27/07	06/27/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	**68**	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**3000**	1.0	"	2.1	"	"	06/28/07	"	
Chloromethane	ND	5.0	"	2	"	"	06/27/07	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	2.1	"	"	06/28/07	"	
Heptane	ND	1.0	"	2	"	"	06/27/07	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	**5.2**	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	**3.2**	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	**2400**	1.0	"	2.1	"	"	06/28/07	"	
1,2-Dichloroethane	**250**	1.0	"	2	"	"	06/27/07	"	
1,1-Dichloroethene	**44000**	1.0	"	54.8	"	"	06/28/07	"	
cis-1,2-Dichloroethene	**25**	1.0	"	2	"	"	06/27/07	"	
trans-1,2-Dichloroethene	**2100**	1.0	"	2.1	"	"	06/28/07	"	
1,2-Dichloropropane	ND	1.0	"	2	"	"	06/27/07	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	**52**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**510000**	1.0	"	54.8	"	"	06/28/07	"	
Tetrahydrofuran	ND	1.0	"	2	"	"	06/27/07	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**4500**	1.0	"	2.1	"	"	06/28/07	"	
Trichloroethene	**26000**	1.0	"	54.8	"	"	06/28/07	"	
Trichlorofluoromethane	**1100**	1.0	"	2	"	"	06/27/07	"	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/28/07 16:00

GAC-INFLUENT-7585-062707
T700831-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,3,5-Trimethylbenzene	ND	1.0	ppb(v)	2	7062708	06/27/07	06/27/07	TO-15	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	**480**	5.0	"	2.1	"	"	06/28/07	"	
2-Butanone (MEK)	ND	5.0	"	2	"	"	06/27/07	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**64**	1.0	"	"	"	"	"	"	
Toluene	**59**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.9 %*		*40-160*		*"*	*"*	*"*	*"*

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/28/07 16:00

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7062708 - Canister Analysis										
Blank (7062708-BLK1)				Prepared & Analyzed: 06/27/07						
Surrogate: 4-Bromofluorobenzene	*5.97*		*ppb(v)*	*6.25*		*95.5*	*40-160*			
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/28/07 16:00

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7062708 - Canister Analysis										
Blank (7062708-BLK1)				Prepared & Analyzed: 06/27/07						
Trichlorofluoromethane	ND	1.0	ppb(v)							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone (MEK)	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (7062708-DUP1)		**Source: T700812-01**		Prepared & Analyzed: 06/27/07						
Surrogate: 4-Bromofluorobenzene	*5.51*		*ppb(v)*	*6.25*		*88.2*	*40-160*			
Acetone	ND	5.0	"		ND				30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"		ND				30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	06/28/07 16:00

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7062708 - Canister Analysis										
Duplicate (7062708-DUP1)		**Source: T700812-01**		Prepared & Analyzed: 06/27/07						
1,1-Dichloroethene	ND	1.0	ppb(v)		ND				30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	ND	1.0	"		ND				30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	ND	1.0	"		ND				30	
1,3,5-Trimethylbenzene	ND	1.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	1.0	"		ND				30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone (MEK)	ND	5.0	"		ND				30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	1.0	"		ND				30	
Toluene	ND	1.0	"		ND				30	
Ethylbenzene	ND	1.0	"		ND				30	
m,p-Xylene	ND	2.0	"		ND				30	
o-Xylene	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

12 July 2007

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 07/03/07 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas
Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/12/07 17:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-OUTLET-VE7S8S-070307	T700855-01	Air	07/03/07 13:40	07/03/07 15:30
GAC-INFLUENT-VE7S8S-070307	T700855-02	Air	07/03/07 13:40	07/03/07 15:30

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/12/07 17:00

GAC-OUTLET-VE7S8S-070307

T700855-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**21**	5.0	ppb(v)	2	7070502	07/05/07	07/05/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**13**	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**3.2**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**3.4**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**76**	1.0	"	8	"	"	"	"	
Tetrahydrofuran	**220**	1.0	"	"	"	"	07/06/07	"	
1,1,2-Trichloroethane	ND	1.0	"	2	"	"	07/05/07	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/12/07 17:00

GAC-OUTLET-VE7S8S-070307

T700855-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichlorofluoromethane	ND	1.0	ppb(v)	2	7070502	07/05/07	07/05/07	TO-15	
1,3,5-Trimethylbenzene	**1.7**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**3.8**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**30**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**56**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**6.8**	2.0	"	"	"	"	"	"	
o-Xylene	**4.3**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.1 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/12/07 17:00

GAC-INFLUENT-VE7S8S-070307

T700855-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
Acetone	ND	50	ppb(v)	2.02	7070502	07/05/07	07/06/07	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2100**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1400**	50	"	"	"	"	"	"	
1,2-Dichloroethane	**1000**	50	"	"	"	"	"	"	
1,1-Dichloroethene	**25000**	50	"	21.84	"	"	07/06/07	"	
cis-1,2-Dichloroethene	ND	50	"	2.02	"	"	07/06/07	"	
trans-1,2-Dichloroethene	**1400**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**360000**	50	"	40.18	"	"	07/06/07	"	
Tetrahydrofuran	**190**	50	"	2.02	"	"	07/06/07	"	
1,1,2-Trichloroethane	**320**	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**3900**	50	"	"	"	"	"	"	
Trichloroethene	**15000**	50	"	"	"	"	"	"	
Trichlorofluoromethane	**2800**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/12/07 17:00

GAC-INFLUENT-VE7S8S-070307

T700855-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
1,3,5-Trimethylbenzene	ND	50	ppb(v)	2.02	7070502	07/05/07	07/06/07	TO-15	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	**370**	50	"	"	"	"	"	"	
2-Butanone (MEK)	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**270**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*%*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/12/07 17:00

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7070502 - Canister Analysis										
Blank (7070502-BLK1)				Prepared & Analyzed: 07/05/07						
Surrogate: 4-Bromofluorobenzene	*5.51*		*ppb(v)*	*6.25*		*88.2*	*40-160*			
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/12/07 17:00

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7070502 - Canister Analysis										
Blank (7070502-BLK1)				Prepared & Analyzed: 07/05/07						
Trichlorofluoromethane	ND	1.0	ppb(v)							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone (MEK)	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (7070502-DUP1)	**Source: T700855-01**			Prepared: 07/05/07 Analyzed: 07/06/07						
Surrogate: 4-Bromofluorobenzene	*5.63*		*ppb(v)*	*6.25*		*90.1*	*40-160*			
Acetone	24.3	5.0	"		21.0			14.9	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"		ND				30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	10.7	1.0	"		13.1			20.3	30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/12/07 17:00

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7070502 - Canister Analysis										
Duplicate (7070502-DUP1)		**Source: T700855-01**		Prepared: 07/05/07 Analyzed: 07/06/07						
1,1-Dichloroethene	2.56	1.0	ppb(v)		3.18			21.5	30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	3.62	1.0	"		3.44			4.97	30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	70.2	1.0	"		75.6			7.46	30	
Tetrahydrofuran	214	1.0	"		222			3.96	30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	ND	1.0	"		ND				30	
1,3,5-Trimethylbenzene	1.83	1.0	"		1.66			9.48	30	
1,2,4-Trimethylbenzene	4.28	1.0	"		3.82			11.4	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	22.7	1.0	"		29.9			27.6	30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone (MEK)	46.2	5.0	"		55.9			19.1	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	1.0	"		ND				30	
Toluene	ND	1.0	"		ND				30	
Ethylbenzene	0.456	1.0	"		0.500			9.14	30	
m,p-Xylene	6.74	2.0	"		6.80			0.898	30	
o-Xylene	4.21	1.0	"		4.26			1.13	30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

16 July 2007

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 07/06/07 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas
Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/16/07 17:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-Outlet-VE7S8S-070607	T700866-01	Air	07/06/07 13:15	07/06/07 15:30
GAC-Influent-VE7S8S-070607	T700866-02	Air	07/06/07 13:15	07/06/07 15:30

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/16/07 17:45

GAC-Outlet-VE7S8S-070607

T700866-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**39**	5.0	ppb(v)	2.22	7071005	07/10/07	07/11/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	**3.8**	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**12**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**4.0**	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**89**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/16/07 17:45

GAC-Outlet-VE7S8S-070607

T700866-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichlorofluoromethane	ND	1.0	ppb(v)	2.22	7071005	07/10/07	07/11/07	TO-15	
1,3,5-Trimethylbenzene	**11**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**12**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**13**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**40**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	**2.4**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**16**	2.0	"	"	"	"	"	"	
o-Xylene	**10**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.6 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/16/07 17:45

GAC-Influent-VE7S8S-070607

T700866-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
Acetone	ND	50	ppb(v)	2.04	7071005	07/10/07	07/10/07	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2800**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1800**	50	"	"	"	"	"	"	
1,2-Dichloroethane	**1500**	50	"	"	"	"	"	"	
1,1-Dichloroethene	**22000**	50	"	30	"	"	07/11/07	"	
cis-1,2-Dichloroethene	ND	50	"	2.04	"	"	07/10/07	"	
trans-1,2-Dichloroethene	**1700**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Methylene chloride	**240**	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**310000**	50	"	30	"	"	07/11/07	"	
Tetrahydrofuran	**190**	50	"	2.04	"	"	07/10/07	"	
1,1,2-Trichloroethane	**400**	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**5400**	50	"	"	"	"	"	"	
Trichloroethene	**19000**	50	"	"	"	"	"	"	
Trichlorofluoromethane	**3500**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/16/07 17:45

GAC-Influent-VE7S8S-070607

T700866-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
1,3,5-Trimethylbenzene	ND	50	ppb(v)	2.04	7071005	07/10/07	07/10/07	TO-15	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	**520**	50	"	"	"	"	"	"	
2-Butanone (MEK)	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**350**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/16/07 17:45

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7071005 - Canister Analysis										
Blank (7071005-BLK1)				Prepared: 07/10/07 Analyzed: 07/11/07						
Surrogate: 4-Bromofluorobenzene	*5.62*		*ppb(v)*	*6.25*		*89.9*	*40-160*			
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/16/07 17:45

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7071005 - Canister Analysis										
Blank (7071005-BLK1)				Prepared: 07/10/07 Analyzed: 07/11/07						
Trichlorofluoromethane	ND	1.0	ppb(v)							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone (MEK)	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (7071005-DUP1)		**Source: T700866-01**		Prepared: 07/10/07 Analyzed: 07/11/07						
Surrogate: 4-Bromofluorobenzene	*5.47*		*ppb(v)*	*6.25*		*87.5*	*40-160*			
Acetone	39.9	5.0	"		39.4			1.18	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"		ND				30	
Isopropyl alcohol	3.95	1.0	"		3.77			4.60	30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/16/07 17:45

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7071005 - Canister Analysis										
Duplicate (7071005-DUP1)		**Source: T700866-01**		Prepared: 07/10/07 Analyzed: 07/11/07						
1,1-Dichloroethene	ND	1.0	ppb(v)		ND				30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	11.3	1.0	"		11.7			3.85	30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	4.31	1.0	"		4.00			7.49	30	
Tetrahydrofuran	85.2	1.0	"		89.0			4.39	30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	ND	1.0	"		ND				30	
1,3,5-Trimethylbenzene	10.4	1.0	"		11.2			7.61	30	
1,2,4-Trimethylbenzene	11.1	1.0	"		11.9			7.12	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	12.8	1.0	"		12.7			1.05	30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone (MEK)	34.8	5.0	"		39.6			12.8	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	1.0	"		ND				30	
Toluene	2.64	1.0	"		2.44			7.86	30	
Ethylbenzene	0.888	1.0	"		0.888			0.00	30	
m,p-Xylene	15.5	2.0	"		15.8			2.13	30	
o-Xylene	9.75	1.0	"		10.0			2.70	30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas, Project Coordinator

23 July 2007

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 07/11/07 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas
Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/23/07 19:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-Outlet-VE7S8S-071107	T700887-01	Air	07/11/07 14:45	07/11/07 16:00
GAC-Influent-VE7S8S-071107	T700887-02	Air	07/11/07 14:45	07/11/07 16:00

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/23/07 19:09

GAC-Outlet-VE7S8S-071107

T700887-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	5.0	ppb(v)	1	7071709	07/12/07	07/19/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**5800**	1.0	"	5.41	"	"	07/20/07	"	
cis-1,2-Dichloroethene	ND	1.0	"	1	"	"	07/19/07	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	**310**	1.0	"	5.41	"	"	07/20/07	"	
Styrene	ND	1.0	"	1	"	"	07/19/07	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**53**	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**33**	1.0	"	5.41	"	"	07/20/07	"	
1,1,2-Trichloroethane	ND	1.0	"	1	"	"	07/19/07	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**2.0**	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/23/07 19:09

GAC-Outlet-VE7S8S-071107

T700887-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichlorofluoromethane	ND	1.0	ppb(v)	1	7071709	07/12/07	07/19/07	TO-15	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**28**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**13**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.3 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/23/07 19:09

GAC-Influent-VE7S8S-071107

T700887-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
Acetone	ND	50	ppb(v)	1.31	7071709	07/12/07	07/19/07	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2500**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1600**	50	"	"	"	"	"	"	
1,2-Dichloroethane	**1300**	50	"	"	"	"	"	"	
1,1-Dichloroethene	**34000**	50	"	34.2	"	"	"	"	
cis-1,2-Dichloroethene	ND	50	"	1.31	"	"	"	"	
trans-1,2-Dichloroethene	**1600**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Methylene chloride	**310**	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**500000**	50	"	34.2	"	"	"	"	
Tetrahydrofuran	**150**	50	"	1.31	"	"	"	"	
1,1,2-Trichloroethane	**370**	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**4900**	50	"	"	"	"	"	"	
Trichloroethene	**26000**	50	"	34.2	"	"	"	"	
Trichlorofluoromethane	**2800**	50	"	1.31	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/23/07 19:09

GAC-Influent-VE7S8S-071107

T700887-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
1,3,5-Trimethylbenzene	ND	50	ppb(v)	1.31	7071709	07/12/07	07/19/07	TO-15	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	**550**	50	"	"	"	"	"	"	
2-Butanone (MEK)	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**340**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/23/07 19:09

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7071709 - Canister Analysis										
Blank (7071709-BLK1)				Prepared: 07/17/07 Analyzed: 07/19/07						
Surrogate: 4-Bromofluorobenzene	*5.65*		*ppb(v)*	*6.25*		*90.4*	*40-160*			
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/23/07 19:09

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7071709 - Canister Analysis										
Blank (7071709-BLK1)				Prepared: 07/17/07 Analyzed: 07/19/07						
Trichlorofluoromethane	ND	1.0	ppb(v)							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone (MEK)	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (7071709-DUP1)	**Source: T700909-02**			Prepared: 07/17/07 Analyzed: 07/19/07						
Surrogate: 4-Bromofluorobenzene	*7.70*		*ppb(v)*	*6.25*		*123*	*40-160*			
Acetone	4.47	5.0	"		4.22			5.66	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"		ND				30	
Isopropyl alcohol	9.23	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/23/07 19:09

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7071709 - Canister Analysis										
Duplicate (7071709-DUP1)	**Source: T700909-02**		Prepared: 07/17/07 Analyzed: 07/19/07							
1,1-Dichloroethene	ND	1.0	ppb(v)		ND				30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	8.41	1.0	"		9.72			14.4	30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	14.5	1.0	"		16.3			11.5	30	
Trichlorofluoromethane	ND	1.0	"		ND				30	
1,3,5-Trimethylbenzene	ND	1.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	1.0	"		ND				30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone (MEK)	4.82	5.0	"		5.23			8.24	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	1.0	"		ND				30	
Toluene	1.47	1.0	"		1.58			7.21	30	
Ethylbenzene	ND	1.0	"		ND				30	
m,p-Xylene	ND	2.0	"		ND				30	
o-Xylene	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

25 July 2007

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 07/18/07 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas
Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/25/07 13:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-INFLUENT-VE7S8S	T700915-01	Air	07/18/07 14:30	07/18/07 16:00
GAC-OUTLET-VE7S8S	T700915-02	Air	07/18/07 14:30	07/18/07 16:00

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/25/07 13:22

GAC-INFLUENT-VE7S8S

T700915-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
Acetone	ND	50	ppb(v)	1.48	7071709	07/19/07	07/20/07	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2500**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1400**	50	"	"	"	"	"	"	
1,2-Dichloroethane	**1300**	50	"	"	"	"	"	"	
1,1-Dichloroethene	**28000**	50	"	41.2	"	"	07/20/07	"	
cis-1,2-Dichloroethene	**98**	50	"	1.48	"	"	07/20/07	"	
trans-1,2-Dichloroethene	**1400**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Methylene chloride	**450**	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**480000**	50	"	41.2	"	"	07/20/07	"	
Tetrahydrofuran	**150**	50	"	1.48	"	"	07/20/07	"	
1,1,2-Trichloroethane	**330**	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**5000**	50	"	"	"	"	"	"	
Trichloroethene	**22000**	50	"	41.2	"	"	07/20/07	"	
Trichlorofluoromethane	**2400**	50	"	1.48	"	"	07/20/07	"	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/25/07 13:22

GAC-INFLUENT-VE7S8S

T700915-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**TO-14**
1,3,5-Trimethylbenzene	ND	50	ppb(v)	1.48	7071709	07/19/07	07/20/07	TO-15	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	**600**	50	"	"	"	"	"	"	
2-Butanone (MEK)	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**310**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/25/07 13:22

GAC-OUTLET-VE7S8S

T700915-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	ND	5.0	ppb(v)	1	7071709	07/19/07	07/19/07	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	**5.3**	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**1.2**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	**2.2**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**3.6**	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**34**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**2.7**	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/25/07 13:22

GAC-OUTLET-VE7S8S

T700915-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,3,5-Trimethylbenzene	ND	1.0	ppb(v)	1	7071709	07/19/07	07/19/07	TO-15	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**19**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone (MEK)	**6.8**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*40-160*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/25/07 13:22

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7071709 - Canister Analysis										
Blank (7071709-BLK1)				Prepared: 07/17/07 Analyzed: 07/19/07						
Surrogate: 4-Bromofluorobenzene	*5.65*		*ppb(v)*	*6.25*		*90.4*	*40-160*			
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							

SunStar Laboratories, Inc.

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Albert Vargas, Project Coordinator

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7071709 - Canister Analysis										
Blank (7071709-BLK1)				Prepared: 07/17/07 Analyzed: 07/19/07						
Trichlorofluoromethane	ND	1.0	ppb(v)							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone (MEK)	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (7071709-DUP1)	**Source: T700909-02**			Prepared: 07/17/07 Analyzed: 07/19/07						
Surrogate: 4-Bromofluorobenzene	*7.70*		*ppb(v)*	*6.25*		*123*	*40-160*			
Acetone	4.47	5.0	"		4.22			5.66	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	1.0	"		ND				30	
Isopropyl alcohol	9.23	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

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Albert Vargas

Albert Vargas, Project Coordinator

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	07/25/07 13:22

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7071709 - Canister Analysis										
Duplicate (7071709-DUP1)		**Source: T700909-02**		Prepared: 07/17/07 Analyzed: 07/19/07						
1,1-Dichloroethene	ND	1.0	ppb(v)		ND				30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	8.41	1.0	"		9.72			14.4	30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	14.5	1.0	"		16.3			11.5	30	
Trichlorofluoromethane	ND	1.0	"		ND				30	
1,3,5-Trimethylbenzene	ND	1.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	1.0	"		ND				30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone (MEK)	4.82	5.0	"		5.23			8.24	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	1.0	"		ND				30	
Toluene	1.47	1.0	"		1.58			7.21	30	
Ethylbenzene	ND	1.0	"		ND				30	
m,p-Xylene	ND	2.0	"		ND				30	
o-Xylene	ND	1.0	"		ND				30	

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Albert Vargas, Project Coordinator

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas, Project Coordinator

Appendix D
Radius of Influence Graphs

Figure D-1
Estimated ROI Operating at VE-6S
Omega Chemical Superfund Site

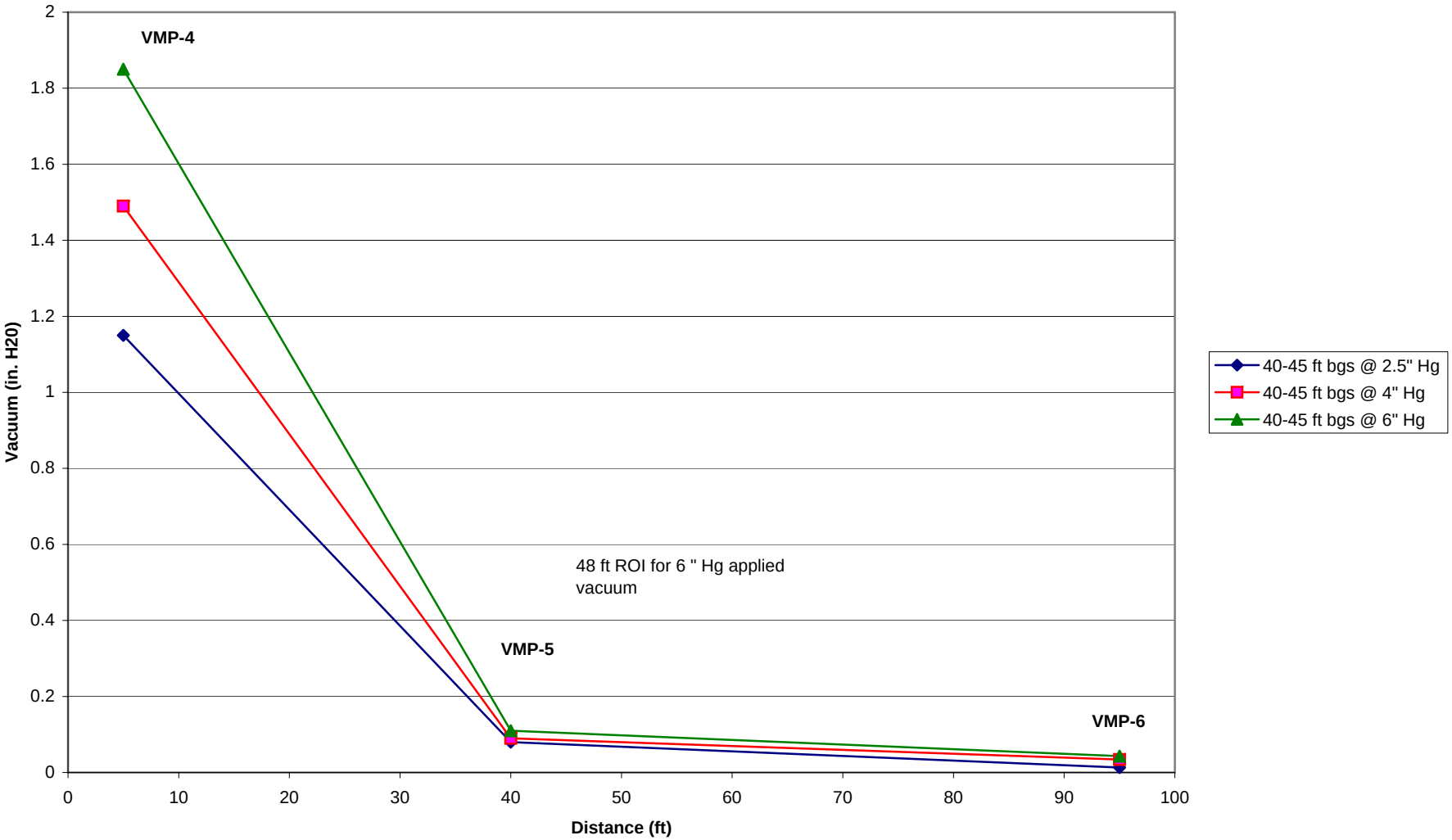


Figure D-2
Estimated ROI Operating at VE-7S
Omega Chemical Superfund Site

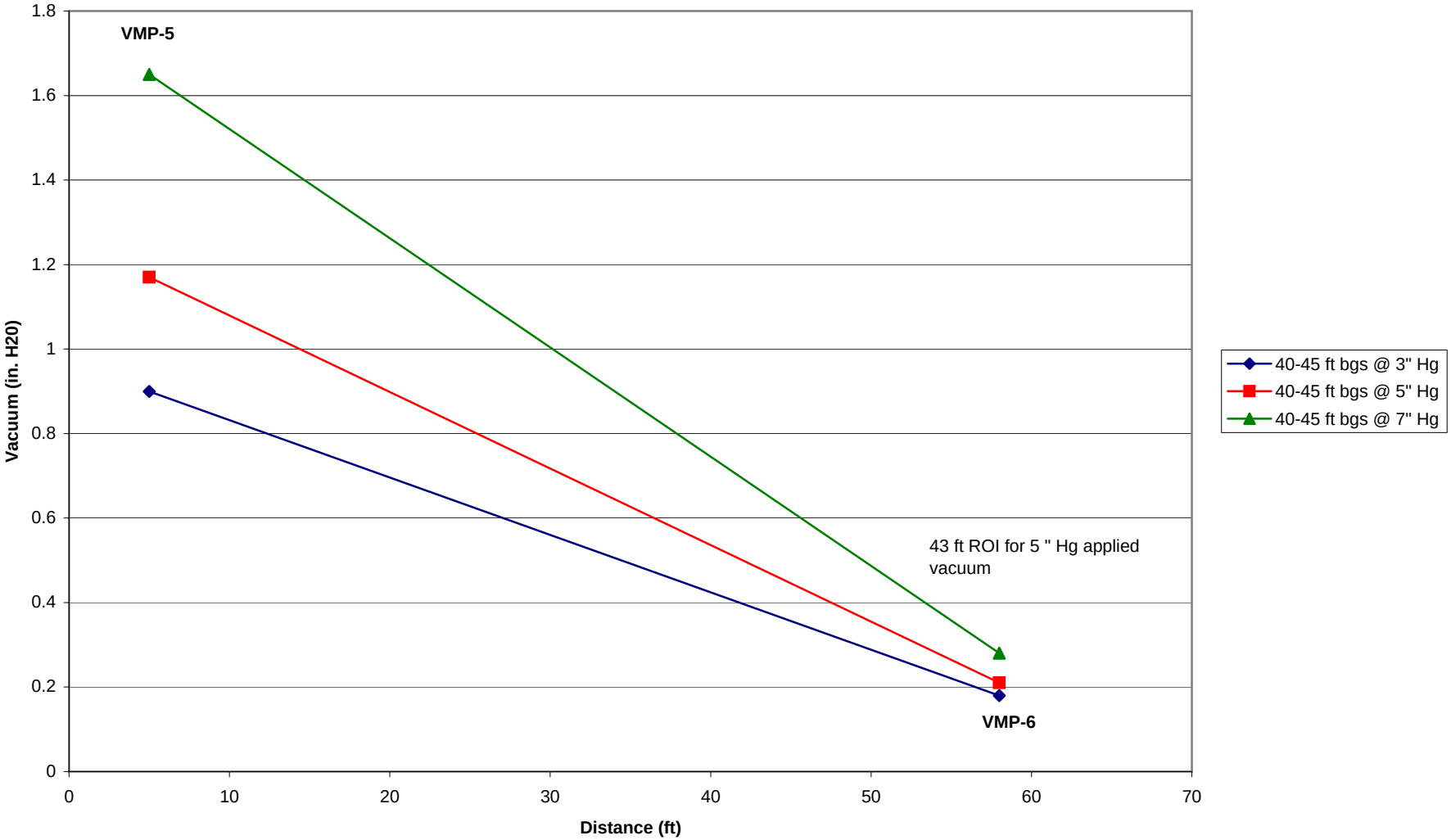
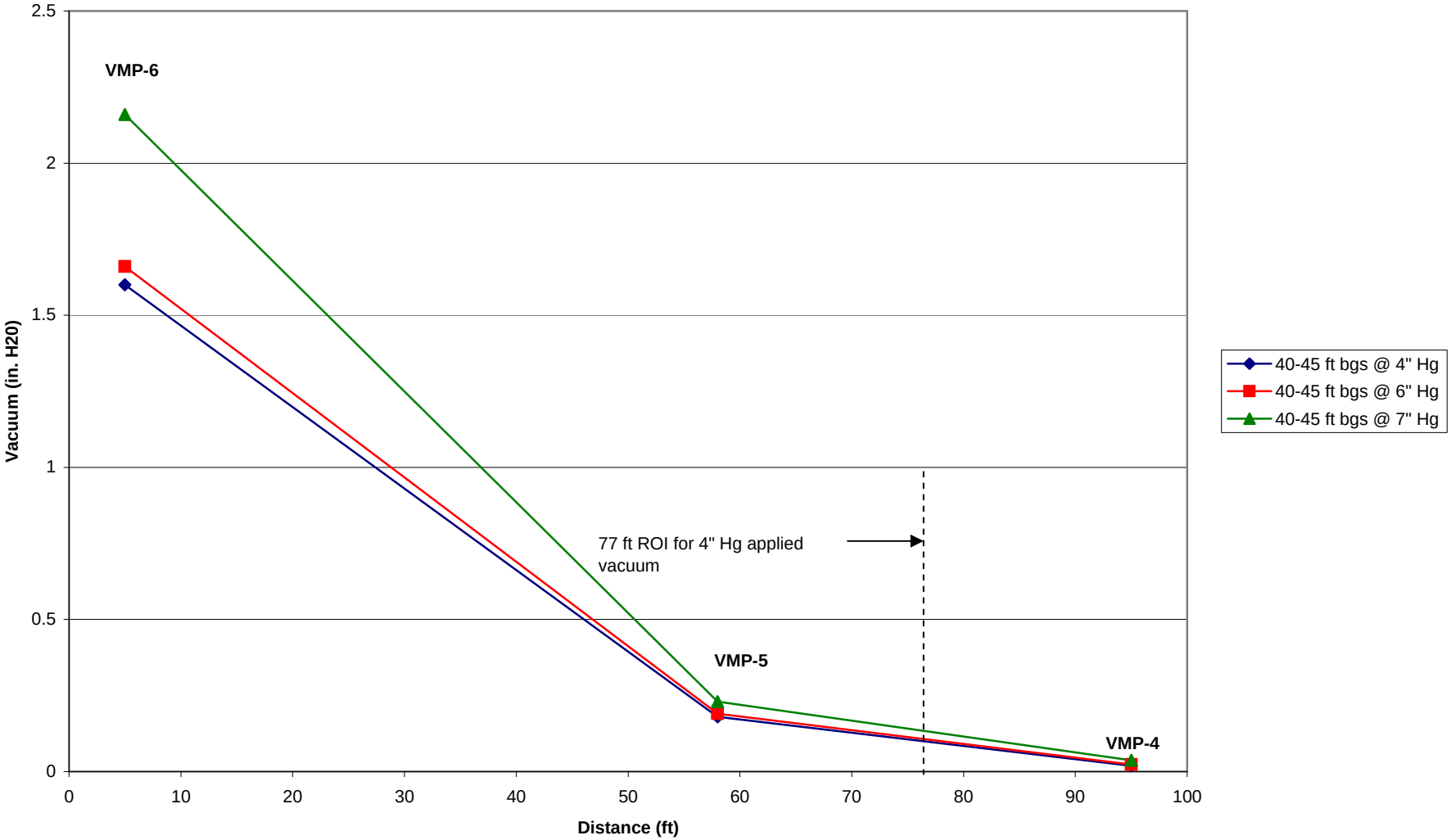


Figure D-3
Estimated ROI Operating at VE-8S
Omega Chemical Superfund Site



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

November 10, 2005

Mr. Edward Modiano
OPOG Project Coordinator
De Maximis, Inc.
5225 Canyon Crest Drive, Building 200, Suite 253
Riverside, CA 92507

RE: On-Site Soils RI/FS Work Plan Addendum No. 2, Summary of Initial Findings from Soil Vapor and MIP Sampling with Recommendations for Additional Sampling Locations, Omega Chemical Superfund Site, CDM, November 1, 2005

Dear Mr. Modiano:

The purpose of this letter is to provide EPA's comments on the subject memorandum. The comments should be incorporated into future technical documents, including other memoranda as applicable. However, CDM need not re-submit the subject memorandum. As we discussed November 7, 2005, the Membrane Interface Probe (MIP) and soil vapor samples proposed by CDM in the subject memorandum are acceptable to EPA and can be collected without additional documentation. Please confirm the field dates for sample collection as soon as possible. EPA's comments are as follows; please note that italics were used in some cases to emphasize comments.

General Comments

1. EPA concurs that the 30-foot clay likely is a significant feature controlling the distribution of contaminants beneath the Omega property and agrees with the proposed sampling locations. However, it is unlikely that the proposed sampling locations will be sufficient for defining the extent of the vadose zone contamination. The locations for additional samples that will likely be needed can be proposed now or, alternatively, following the evaluation of the results from the sampling proposed in the subject document. In either case, it should be OPOG's intent to achieve the objectives of the vadose zone investigation with one additional field mobilization. In order to accomplish that goal, contingency locations should be identified and access secured for those locations in advance. As necessary, EPA will work with OPOG to make field decisions regarding additional sample locations based on real-time data. Minimizing the number of additional mobilizations will reduce OPOG's investigation costs and corresponding EPA oversight costs, and reduce the time required to complete RI data collection.

2. The conclusions presented in the subject document are based on selective evidence and are considered preliminary. Evaluation of all site data is necessary before conclusions regarding the extent of contamination and other sources are made. For example, comparison of all site soil gas, soil, and MIP data is necessary. A more thorough comparison of the ECD, PID, and FID results with the conductivity readings is necessary before making conclusions regarding contaminant distribution in different soil types; a regression analysis of the MIP data is recommended. Note also that the ECD, FID, and PID detectors in the MIP probe can respond differently in clays and sands. Similarly, the conductivity logs need to be compared with all previously collected lithologic data before concluding that it is an effective tool, although EPA agrees that it likely is. The specific comments also address these issues.

3. Additional soil gas sampling locations in the area of high groundwater concentrations downgradient of Putnam Street are needed to assess the potential for indoor air impacts.

4. Additional soil gas sampling locations northeast of the Omega property are needed to assess potential indoor air impacts in the residential area across Whittier Boulevard.

5. The term "residual concentrations" should be defined or not used. EPA recommends against using it. The term "residual" is established and defined for describing fluid saturation (e.g., NAPL). Concentrations of an organic chemical measured in soil are not considered residual in the same sense.

6. Knowing the slope of the 30-foot clay layer is critical for the placement of additional sampling locations because contaminants have likely spread out at the top of this unit. They are likely to have migrated down-slope along this layer. An accurate survey of the elevations of the MIP borings is necessary.

7. EPA recommends interpolating the MIP data in 3D (following the survey) and presenting the data in cross-sections, cutouts, and/or iso-surfaces as appropriate. Visualization can help in identifying high concentration zones.

8. The MIP data indicate that the 30-foot clay layer was not an effective barrier to vertical contaminant migration. This finding emphasizes the need to install a deep groundwater monitoring well south of the Omega property to assess contamination in the deeper aquifer zone (screened by OW8B).

9. The electron capture detector (ECD) probe was out of range (the maximum reading was at the high end of the instrument range, approximately 1.4×10^7) at the majority of the sampled locations. Address whether resetting or recalibration of the probe is possible to measure the ECD signal over a wider range and whether reprocessing of the raw data is possible; this may change the results. ECD probes can be calibrated to site conditions. Address calibrations done by the subcontractor. Provide a more detailed description of the detection capabilities of the MIP probes with regard to the contaminants detected at the Omega property. Specify the measurable concentration ranges in soil, which of the Omega contaminants are expected to be detected by each sensor, etc.

Specific Comments

1. In the future, show the north arrow and scale on all plane view figures. Show horizontal and vertical scales on all cross-sections. Show the units on all figures with MIP logs. Show all borings mentioned in the text in at least one figure.

2. Figures with proposed additional MIP and SV sampling locations (e.g., Figures 33 and 34) should show also the existing MIP and SV locations.

3. The first sentence of the second paragraph on page 2 should say that MIP detects organic compounds that are present in soil in all phases, after heating and volatilizing them. The third sentence should say that the FID will detect all hydrocarbons including methane. In the future, explain how additional operational data affect MIP results.

4. The bottom of the "30-foot clay" at borings MIP-3 and MIP-9 is inconsistently marked on figures 4, 6, and 8. Following the "double-peak" signature of the 30-foot clay on the conductivity log, the bottom of this unit should also be adjusted (down) at borings GP-5, GP-6, MIP-2, MIP-8, and MIP-12.

5. The conductivity logs do not indicate sandier lithologies near the water table at MIP-2 and MIP-3 compared to MIP-11 and MIP-12, only a thin stringer at a depth of about 72-feet (the last sentence of the first paragraph on page 3).

6. All borings should be identified on Figures 15, 18, 19, and 20.

7. Figure 16 is incorrectly titled Figure 14.

8. Figures 16 and 17 don't support the conclusion that soil vapor and MIP compare well at high concentrations. Figure 19 doesn't support the conclusion that soil concentrations and MIP compare well at high concentrations.

9. Borings MIP-1, MIP-4, MIP-11, and MIP-13 do not show elevated ECD readings in the shallow zone as stated on page 4 (2nd par., last sentence).

10. The rationale for *near* should be provided in the following statement (page 4, 2nd par.): "The PID and FID logs indicate that concentrations increase to their maximum in the zone above the water table, suggesting that releases from *near* this location migrated downward to the water table."

11. The following paragraph should indicate *most* rather than *all* MIP borings (page 4, 3rd par.): "The 30 foot clay shows elevated relative organic concentrations at *all* MIP borings on the site." In the following sentence: "Most other borings show elevated concentrations *above* this zone, correlated with finer grain materials with high soil conductance." replace *above* with *within*.

12. Specify the exceptions in: "Contamination at the site is present in all borings that extended to the water table, from the 30 foot zone to the water table, with few exceptions." (page 4, 4th par.).

13. *Increase* should be replaced with *decrease* (see Figure 26) in: "Evaluation of results in the Terra Pave area located to the west of the Omega property indicate an *increase* in shallow concentration in the downgradient direction." (page 4, 4th par.). Change

"Figure 24" into "Figure 26" in the last sentence on page 4. Figure 26 shows a decrease, not an increase of ECD readings from MIP-9 to MIP-11 and MIP-12 in the shallow zone (0-20 feet). The ECD signal in an intermediate zone (approximately between elevations of 150 and 180 feet) increases from MIP-9 to MIP-11 and MIP-12.

14. Explain the basis for the presence of contaminant sources near MIP-11 and MIP-12. The contaminant distribution with depth is quite different at these two locations from the distribution at GP-5, MIP-3, and MIP-14, with much lower concentrations in the shallow depths. This suggests that a release of the contamination likely occurred at some distance from MIP-11 and MIP-12. The conclusions drawn from Figure 32 can be misleading because the top of the unit has not been surveyed yet (page 5, 2nd par.).

15. Change VP-1 into VP-2 in the rationale for MIP-17 location (page 6).

16. Borings MIP-18 through MIP-22 should be advanced well into the shallow saturated zone (i.e., for total depths greater than 80 feet) if possible. The data from the saturated zone will be helpful in achieving the objectives stated in the rationale, i.e., assessing the relation between saturated zone and vadose zone contamination and identifying potential other sources.

17. Provide the source of information for the statement: "This boring will also provide information on the transition zone to thicker sands in the saturated zone that are observed near Washington Street." (page 7, 1st par.) Specify what boring(s) the text is referring to.

18. Specify what source (source of indoor air contamination?) is referred to in the rationale for VP-14: "Check for potential *source* related to sewer line leaving Terra Pave. " (page 7)

19. The rationale for VP-16 (page 7) mentions "contaminant signature that is potentially different from on-site signature on the parcel north of Omega." The statement is understood to mean the relative increase in the concentrations of Freon 113 in soil gas samples near the Omega property boundary with Medlin & Sons. As previously discussed, an increased relative content of Freon 113 was also found in soil gas samples collected south of Skateland. The increase in the concentrations of Freon 113 (and to a lesser extent also of Freon 11) relative to the concentrations of TCE, PCE, and 1,1-DCE with distance from the source is expected for contaminant vapor transport from a source area into clean soil. As the contaminant vapors migrate through the soil, VOCs partition into pore water. Relatively smaller amounts of Freon 113 partition because of its high Henry constant (0.53 atm · m^3/mol) relative to the Henry constants of TCE, PCE, and 1,1DCE (0.00985, 0.0177, and 0.0261 atm · m^3/mol). The relative content of Freon 11 in soil gas is also expected to increase (Henry constant 0.097 atm · m^3/mol), although less compared to Freon 113. Thus the relative increase of Freon concentrations in soil gas is not an indication of another source near the Omega property.

20. Soil samples for laboratory analysis should be collected from depths corresponding to high as well as low MIP signal. The borings should be continuously cored to allow for visual soil description of the entire vadose zone thickness. The results should be

used to corroborate the existence and extent of the 30-foot clay. Soil gas samples should be collected from the depth interval of the 30-foot clay.

If you have any questions about these comments please call me at (415) 972-3149.

Sincerely,

Chris Lichens
Superfund Project Manager

cc: Lori Parnass, DTSC
Tom Perina, CH2M Hill
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CDM

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Memorandum

To: *Chris Lichens - USEPA*

From: *Dave Chamberlin - CDM*
Sharon Wallin - CDM

Date: *November 1, 2005*

Subject: *On-Site Soils RI/FS Work Plan Addendum No. 2*
Summary of Initial Findings from Soil Vapor and MIP Sampling with Recommendations for Additional Sampling Locations
Omega Chemical Superfund Site
10500-37240-T2.OSS.OSS2
10500-5.2.3

1.0 Objectives

The purpose of this memorandum is to provide the results of the September 2005 Membrane Interface Probe (MIP) sampling and recommend locations for additional soil vapor and MIP sampling to meet objectives defined in the Final On-Site Soils RI/FS Work Plan Addendum No. 2, dated August 17, 2005 (Work Plan). Soil vapor sampling results from the August 15 through 22, 2005 sampling round were provided to USEPA on September 6, 2005. These recommendations amend the current Work Plan. Specific objectives of this memorandum include:

- Present updated findings based on evaluation of the MIP and soil vapor results obtained to date.

- Establish a sound technical basis for designing and implementing the next step in the sampling process.

2.0 Field Program Summary

The MIP sampling was conducted between September 24 and September 29, 2005. A total of 15 probes were pushed using a Geoprobe direct-push rig equipped with a soil conductance probe and MIP sensor. The MIP probes were installed by Vironex, Inc., Santa Ana, California.

Thirteen of the borings reached the target interval near the water table at a depth of about 70 to 80 feet. Two borings encountered refusal at shallower depths; MIP-7 encountered refusal at 30 feet and MIP-12 encountered refusal at 58 feet. The detectors on the MIP tool failed at boring MIP-11 at a depth of 56 feet, thus no valid data were recovered in the interval from 56 feet to the total depth of 72 feet. However, the soil conductivity probe did provide information regarding lithology to the total depth at MIP-11. Figure 1 shows the actual locations of the MIP borings, while the locations of the previously-reported soil vapor probe locations are provided on Figure 2. These locations were obtained in the field by measuring distances to site features, thus the locations are accurate to within a few feet for the northing and easting coordinates. Surface elevations of the MIP borings are estimated for this interim report, and true elevations may vary by 5 feet. The elevation of the MIP borings will be surveyed relative to an existing well, at the completion of the field work, to allow incorporation of the data into the site conceptual model.

The MIP investigations provide logs of gas phase relative concentrations using three detectors, and a continuous record of soil conductivity. The electron capture detector (ECD) is the most sensitive detector and provides a measure of the total chlorinated hydrocarbon compounds that are volatilized at the sensor probe. A photo ionization detector (PID) detects the higher concentration range for the organic compounds, while the flame ionization detector (FID) will detect other organic compounds, such as methane. The soil conductivity probe measures the electrical conductivity of the soil material, which is related to the presence of fine-grain size and clay materials. A low soil conductance indicates a sandy or silty facies with fewer clays, while a higher soil conductance is indicative of clayey material. Additional operational data are also recorded, including the temperature at the MIP tool and the logging speed. Logs showing the results from the fifteen borings are presented in Attachment 1.

3.0 Preliminary Evaluation

Evaluation of the soil conductivity logs identifies several characteristics that extend over the area of the investigation. The site stratigraphy is characterized by the presence of predominantly high soil conductance materials, typical of clays and silty clay materials. This interpretation is corroborated by comparison of MIP soil conductance logs and co-located boreholes at GP-4, GP-5 and GP-6 that were reported in 2003. Figure 3 shows the location of a north-south cross-section (A-A′), while Figure 4 shows soil conductance values for borings on this line. Figures 5 and 6 show results along cross-section B-B′. Figures 7 and 8 provide information for cross-section C-C′.

The interval from land surface to approximately 30 feet exhibits interbedded high and low soil conductivity materials. A distinctive high soil conductivity marker bed, interpreted as a clayey zone, is apparent on all of the MIP borings that penetrated to a sufficient depth. The upper portion of this zone is highlighted on Figures 4, 6, and 8 with the cyan color lines. This

zone ranges from 6 to 10 feet thick and was typically encountered starting at a depth of 31 to 34 feet. This will be referred to as the "30 foot zone". The marker bed has a characteristic double peak signature, with a lower conductivity interbed in the middle of this unit likely consisting of a siltier lithology. Nearly all borings on the site show a 1 to 4 foot thick unit with a lower soil conductance, interpreted to be a sandy to silty lithology with less clay, overlying this unit. A similar lower conductance unit underlies the clayey zone at most locations on site. Another feature observed on the soil conductance logs is the presence of low soil conductance materials located near the water table. Interbeds of low soil conductivity lithologies were observed at borings MIP-2, MIP-3, MIP-11, MIP-12 and MIP-15, suggesting that sandier lithologies are present near the water table in these borings.

The responses from the three MIP detectors (PID, FID and ECD) have been compared at several locations and Figures 9 to 13 show some of these comparisons. In general, at some locations the PID and FID responses are very similar (e.g., Figures 10 and 11), while at other locations, the FID responses are higher than those from the PID (e.g., Figure 12). These detectors respond to different contaminants in both the soil vapor and on the soil. The ECD is the most sensitive of the detectors and will respond to all of the chlorinated compounds present at the site including the chlorinated solvents and freons, but will not detect gasoline related compounds such as benzene. The PID will detect higher levels of compounds such as the chlorinated solvents and benzene, but will not respond to the freons. The FID will respond to some of the chlorinated compounds, gasoline hydrocarbons and methane. The results of the MIP screening are qualitative in nature. The MIP detectors respond to a combination of soil vapor VOCs and VOCs desorbed from soils by application of heat. The MIP sensor responses have been compared to total VOC concentrations in samples of soil vapor and soil collected adjacent to MIP locations.

Figures 14 to 17 show total VOC concentrations in soil vapor samples collected approximately 10 feet from MIP locations, superimposed on MIP sensor response graphs. These figures show that the soil vapor results compare very favorably with the MIP sensor responses. In addition, Figures 18 to 20 show total VOC concentrations in soils sampled next to MIP locations plotted on MIP sensor response graphs. The soil results also compare very favorably with the MIP sensor responses. Collectively, these figures show that MIP is appropriate as a screening tool to provide continuous lithologic and qualitative VOC contamination information over the entire vertical profile probed. Figures 21 and 22 show a comparison of PID readings and the soil conductivity log. These figures illustrate the effect of lithology on relative concentrations, where residual concentrations are higher in fine-grained lithologies. As described in the Work Plan, post-MIP confirmatory soil vapor sampling, soil sampling, and borehole logging will be conducted to provide a quantitative basis on which to interpret the MIP results.

One of the primary objectives of the Work Plan was the identification of potential sources of contamination at the site. Areas where elevated relative concentrations are present near the surface are likely areas where contaminants may have been released and infiltrated through the vadose zone. The very near surface materials would likely have been depleted over time due to volatilization. Profiles of sensor readings for the ECD, PID and FID at the three cross-section locations are provided on Figures 23 through 31.

Several borings at the site show the presence of elevated relative concentrations in the upper 10 feet of material. MIP-3 shows the most conclusive evidence of probable releases from the surface, with saturation of the ECD starting at a one foot depth, and extending to the water table. The PID and FID logs indicate that concentrations increase to their maximum in the zone above the water table, suggesting that releases from near this location migrated downward to the water table. Borings MIP-1, MIP-4, MIP-11, MIP-13 and MIP-14 also show a pattern of elevated relative concentrations on the ECD in the shallow interval, which may suggest proximity to release areas.

Figure 23 provides a profile of ECD response along cross-section A-A' and illustrates that the elevated relative contaminations occur at increasing depths south of MIP-3. This figure also illustrates that residual concentrations of chlorinated compounds are present in the 30 foot clay zone, even when the bulk of the mass has migrated deeper. The 30 foot clay shows elevated relative organic concentrations at all MIP borings on the site. Most other borings show elevated concentrations above this zone, correlated with finer grain materials with high soil conductance. Several of the locations show high concentrations of organics in the low soil conductance unit overlying the 30 foot zone. This presence of elevated organic concentrations in the interpreted sandier unit is most apparent at MIP-3, MIP-8 and MIP-7, though concentrations are lower than the relative concentrations in the underlying 30 foot clay zone.

The presence of elevated concentrations within the 30 foot zone, combined with evidence of remaining elevated concentrations above this interval, suggest that surface releases may have spread from sources of release outward due to a probable permeability contrast at the upper contact with the 30 foot zone. The infiltrating contaminants likely percolated through the low permeability unit and remain adsorbed to the matrix. Contamination at the site is present in all borings that extended to the water table, from the 30 foot zone to the water table, with few exceptions. The relative concentrations have some correlation with the type of material, suggesting that significant mass is adsorbed to finer-grained lithologies. The highest relative concentrations at most borings occur within about 15 feet of the water table. Boring MIP-3 shows the highest relative concentrations of any of the borings on site. Evaluation of results in the Terra Pave area located to the west of the Omega property indicate an increase in shallow concentration in the downgradient direction. Figure 24 illustrates this increase in concentration at the shallow depths, with MIP-9 indicating a decrease in concentration from

that observed in MIP-3, while MIP-11 and MIP-12 show increased concentrations in the shallow zone.

Based on the available data and preliminary evaluation, sources are likely present near MIP-1 and MIP-13 , north of the Star City building, near MIP-3 on the southwest side of this building, near MIP-14, located west of the 3 Kings Construction building, and at MIP-11 and MIP-12, located north of the Terra Pave building. Confirmation of this preliminary conclusion will require collection of soil samples. This preliminary conclusion is corroborated by plotting the relative concentration of residual contamination in the 30 foot clay zone, shown on Figure 32. This shows elevated residual concentrations near these postulated source areas.

This preliminary evaluation suggests that the 30 foot clay zone has played a major role in defining the migration pathways for contaminants released at the site. The site data suggest that fluid releases from sources migrated vertically downward to the 30 foot clay zone, then dispersed laterally on this permeability interface, while at the same time infiltrating through this zone. The 30 foot clay zone appears to at least partially isolate the vadose zone into two zones, with shallow contamination volatilizing into the upper portion of the vadose zone, while contaminants in groundwater and the zone above the capillary fringe also provide a source of soil gas contamination below the 30 foot clay zone.

Soil vapor sampling was conducted in 12 borings at the site between August 15 and August 22, 2005, in accordance with the Work Plan. A total of 87 samples, plus 10 duplicate samples, were collected and analyzed for the suite of volatile organic compounds (VOCs) identified in the Work Plan. Nine of the 12 borings were sampled to a depth of 70 feet, while the other three borings were sampled to a depth of 40 feet. These data were presented to USEPA in the Technical Memorandum dated September 6, 2005.

4.0 Recommendations

Eight additional MIP borings are recommended to meet the Work Plan objectives. The locations for these borings are shown on Figure 33, with the rationale for these additional borings provided in Table 1.

Table 1. Proposed Additional Soil Vapor Sampling Locations and Rationale for their Selection

Proposed MIP Boring	Rationale
MIP-16	Located upgradient of elevated organic compound concentrations in MIP-1 and in VP-01. This boring is intended to define the eastern limit of contamination.
MIP-17	Located on adjacent property north of elevated concentrations of freons detected in soil vapor at VP-1. This boring is intended to assist in source definition to determine if a source is located on the adjacent parcel and to assess extent of contamination to the north of the Omega site.
MIP-18	This boring is located on the downgradient side of the building adjacent and north of the Omega site. This boring is intended to assess the northern extent of contamination and to assist in identifying potential off-site sources.
MIP-19	This boring is located near Putnam Street at the projected northern limit of coarse materials in the saturated zone. This boring will provide lithologic information to assist in the pathway assessment and determine the extent of vadose and saturated zone contamination.
MIP-20	This boring is located downgradient of the suspected source area on the Omega site and is intended to assess the presence of coarse material in both the vadose zone and saturated zones that may serve as migration pathway. This will also assist in defining the extent of contamination in both vadose and saturated zones.
MIP-21	This boring is located downgradient of an apparent pathway for contaminant migration above the 30 foot zone that was apparent in MIP-7, MIP-8 and the GP-5 location from 2003. This will provide both lithologic characterization of potential pathways in the vadose and saturated zones, and assist in defining the extent of contamination.

Proposed MIP Boring	Rationale
MIP-22	This boring is intended to define the contaminant extent to the south of the Phase 1a area. This boring will also provide information on the transition zone to thicker sands in the saturated zone that are observed near Washington Street.
MIP-23	This boring is located south of the Skateland building and is intended to assess the southern limit of vadose and saturated zone contamination that was observed at MIP-15.

Additional soil vapor sampling is proposed at seven locations, shown on Figure 34. Table 2 provides the rationale for selecting each of these locations. The sampling interval in these probes will be selected based on the co-located MIP probe, or at the previously specified depths if a MIP probe is not adjacent.

Table 2. Proposed Additional Soil Vapor Sampling Locations and Rationale for their Selection

Location ID	Rationale
VP-13	Check for contaminant signature that is potentially different from on-site signature and assess concentration gradients away from the Omega site. Sampling will occur to the water table. This is co-located with MIP-8.
VP-14	Check for potential source related to sewer line leaving Terra Pave. Sampling will occur to the water table. This is co-located with MIP-21.
VP-15	Check for declining concentrations away from suspected source areas. Sampling will occur to the water table. This is located upgradient of the highest groundwater concentrations observed in wells along Putnam Street.
VP-16	Check for contaminant signature that is potentially different from on-site signature on the parcel north of Omega. Sampling will occur to the water table. This is co-located with MIP-18.

Location ID	Rationale
VP-17	Evaluate the extent of contamination in a northern direction along Putnam Street. This is co-located with MIP-19.
VP-18	Evaluate the southern extent of contamination. This is co-located with MIP-22.
VP-19	Check for declining concentrations away from suspected source areas. This boring will only be installed if results at the co-located MIP-16 indicate elevated organic concentrations in the vadose or saturated zones.

Based on the preceding information and analysis, CDM has the following recommendations regarding the upcoming step-out sampling event:

- The continued use of the MIP as a screening tool to provide continuous lithologic and VOC contamination information over the entire vertical profile probed.

- To provide on-site verification of the MIP results, perform soil sampling and borehole logging at three on-site locations during the step-out field mobilization adjacent to locations MIP-1, MIP-3 and MIP-14.

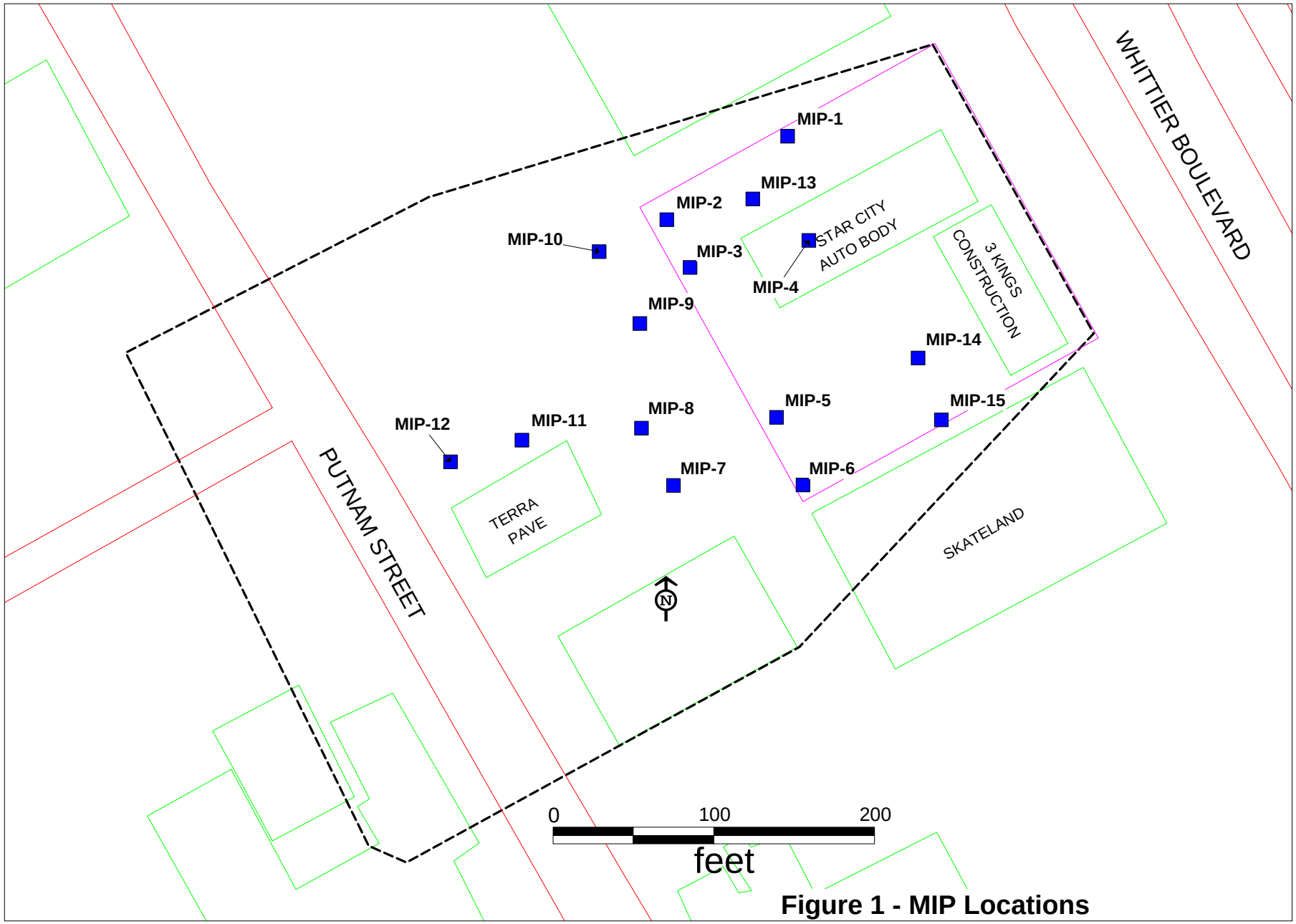


Figure 1 - MIP Locations

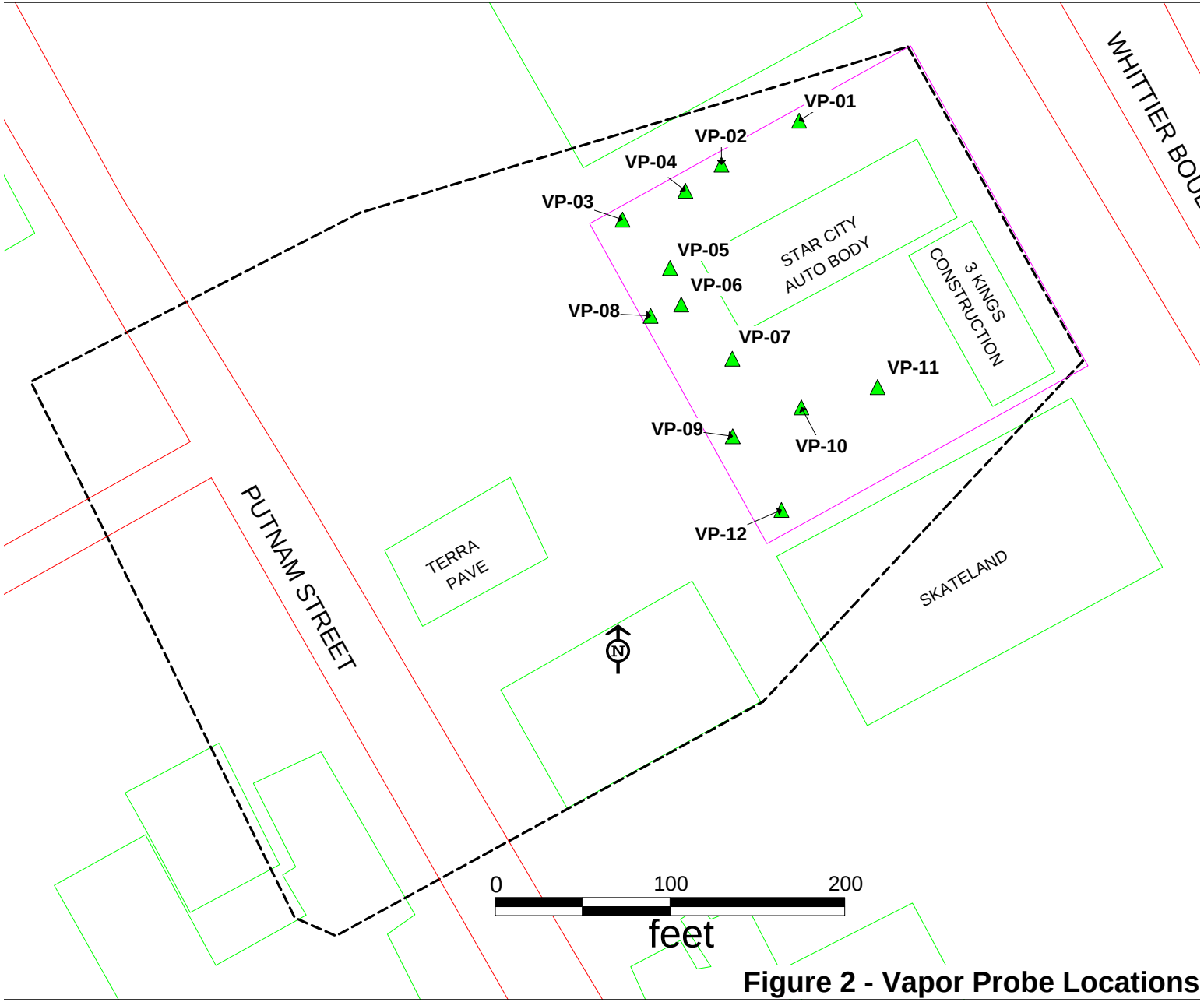


Figure 2 - Vapor Probe Locations

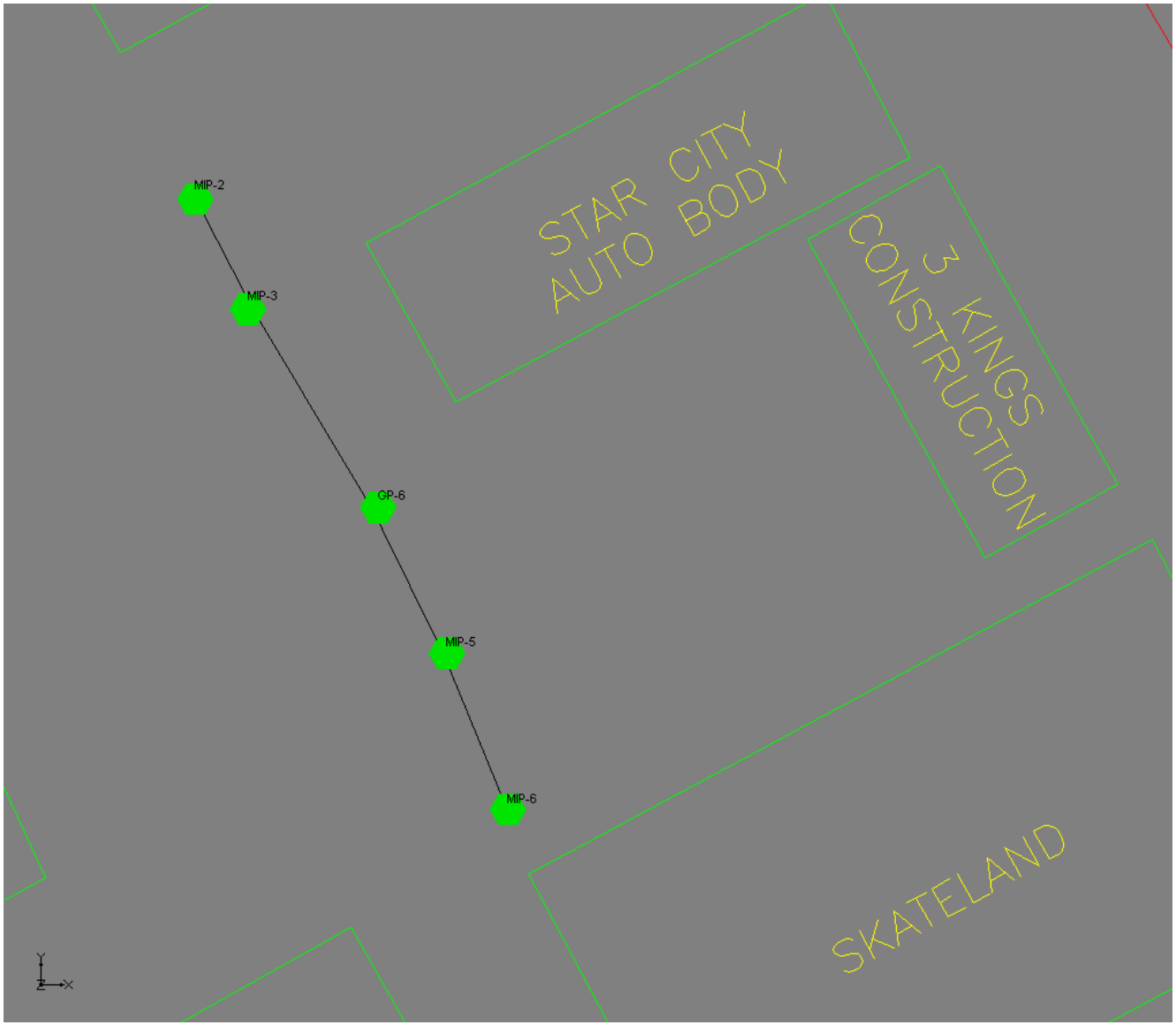


Figure 3 Cross-Section A-A’ Location

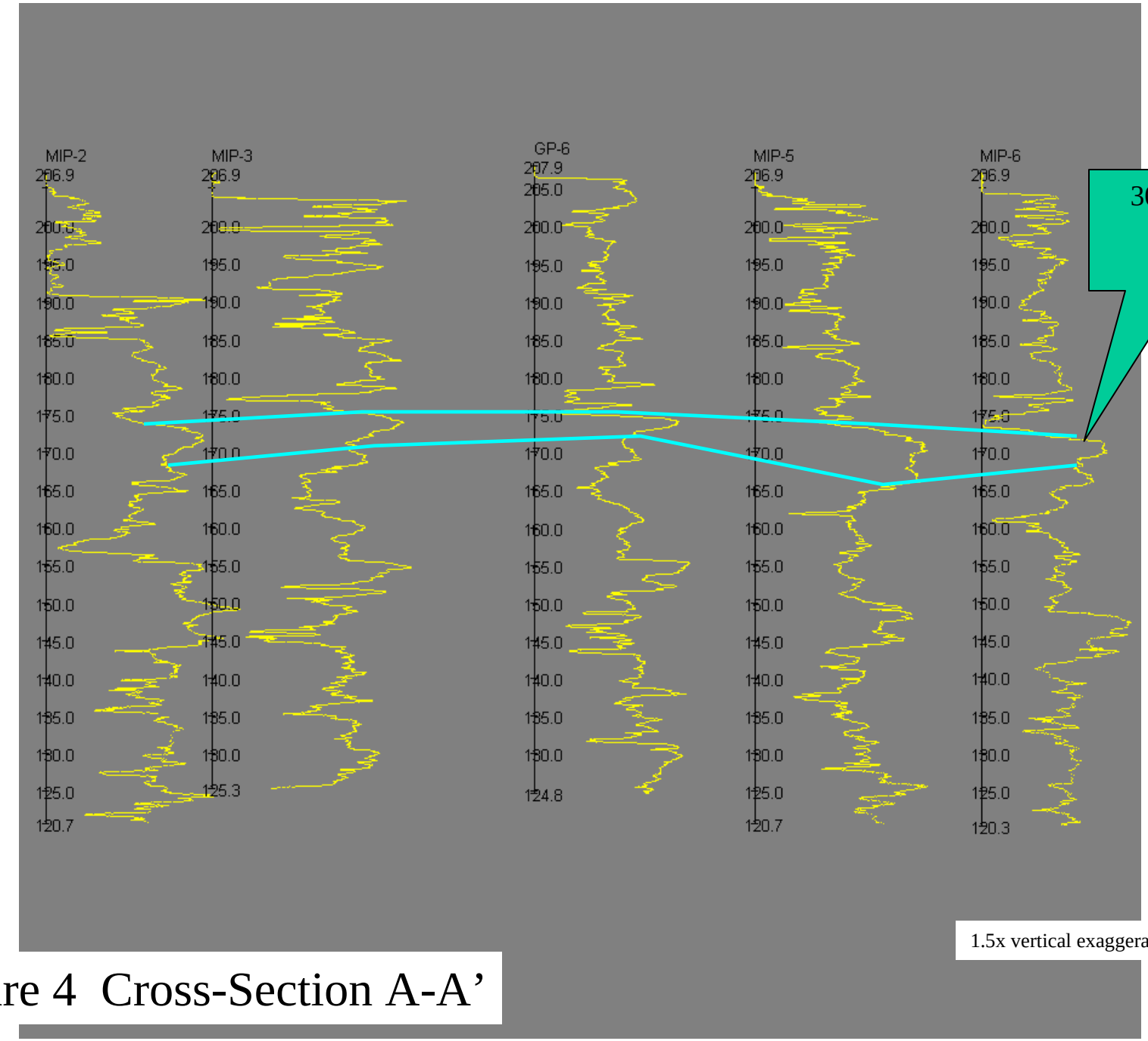


Figure 4 Cross-Section A-A’

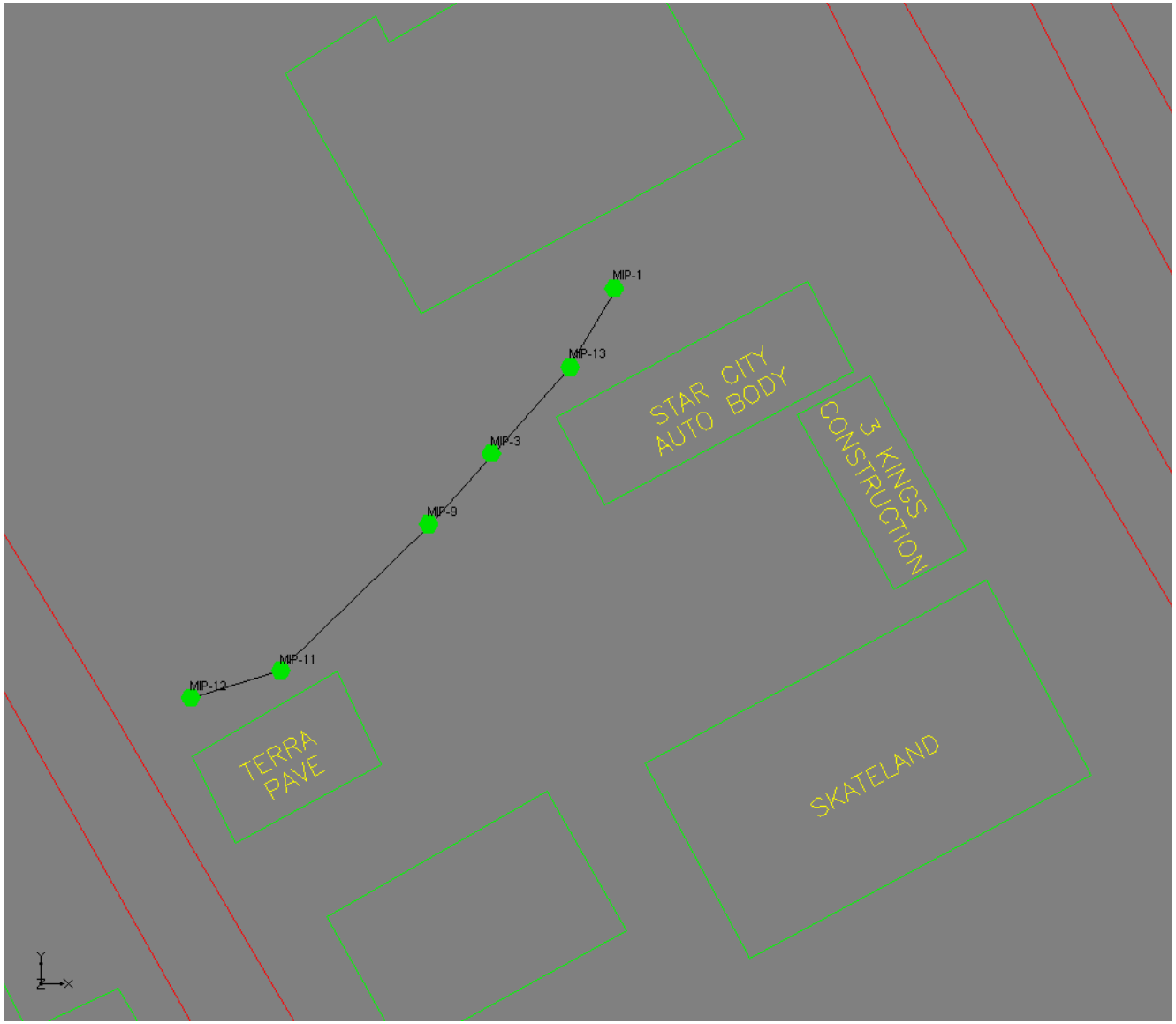


Figure 5 Cross-Section B-B’ Location

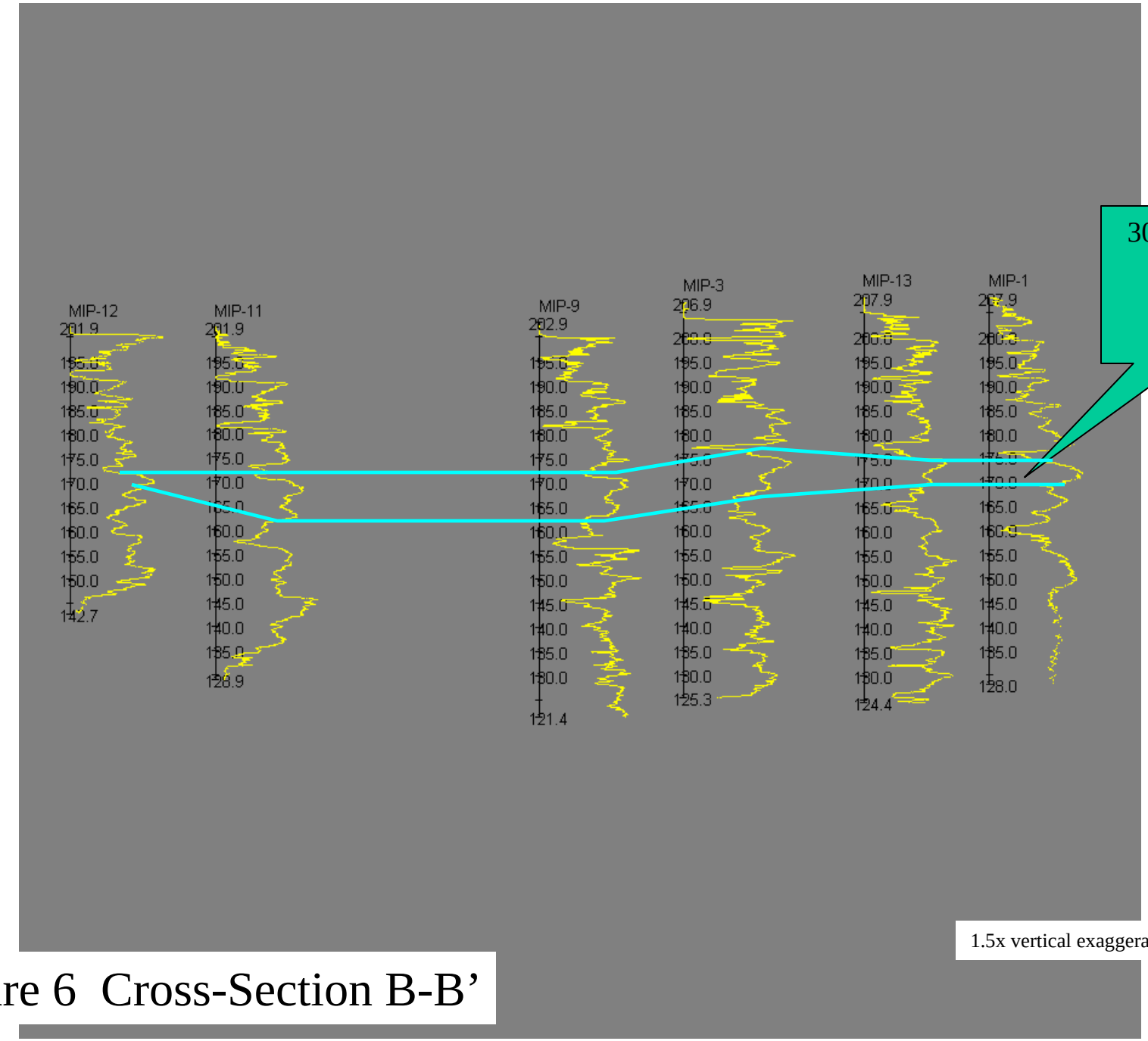


Figure 6 Cross-Section B-B'

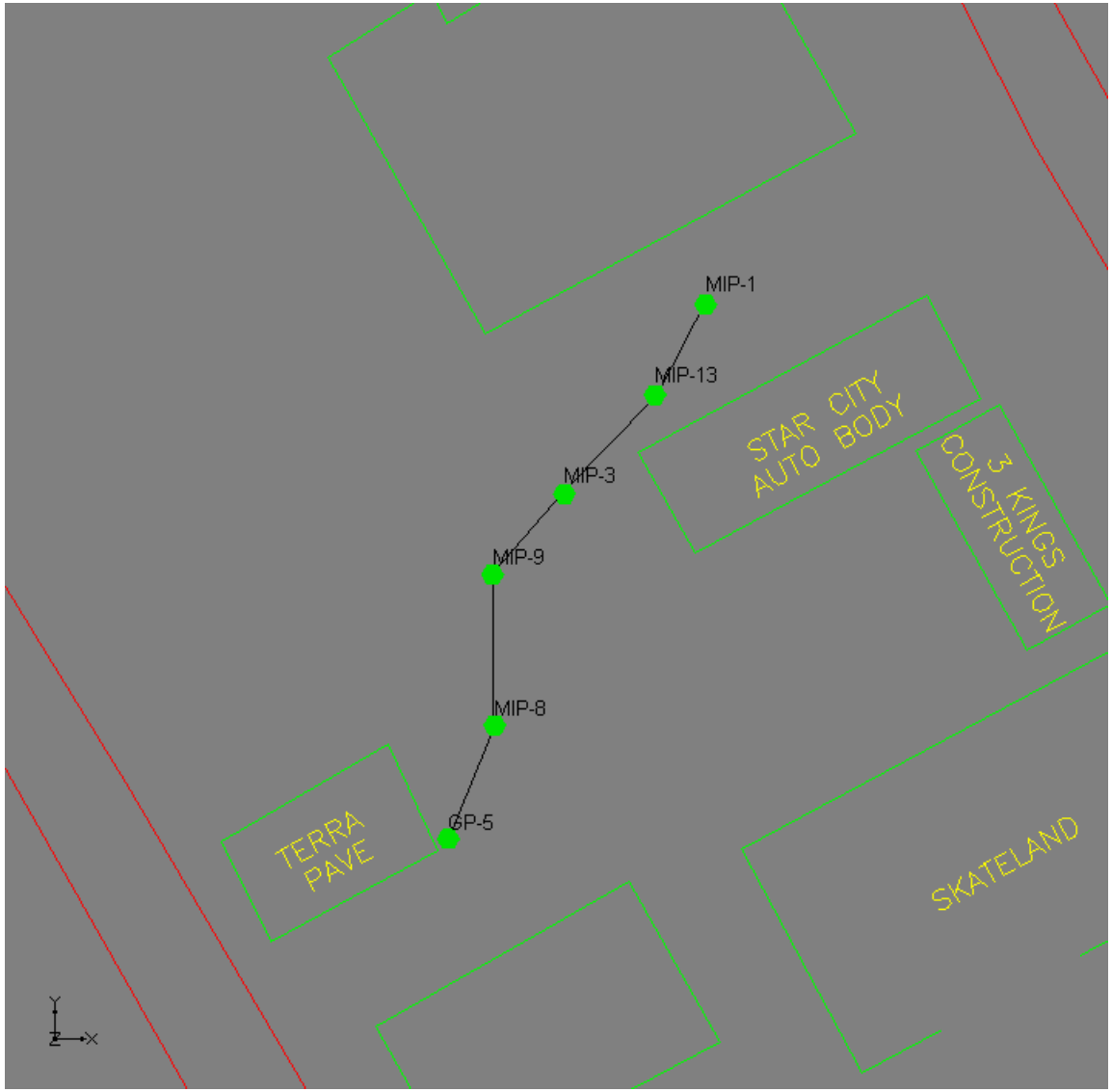


Figure 7 Cross-Section C-C’ Location

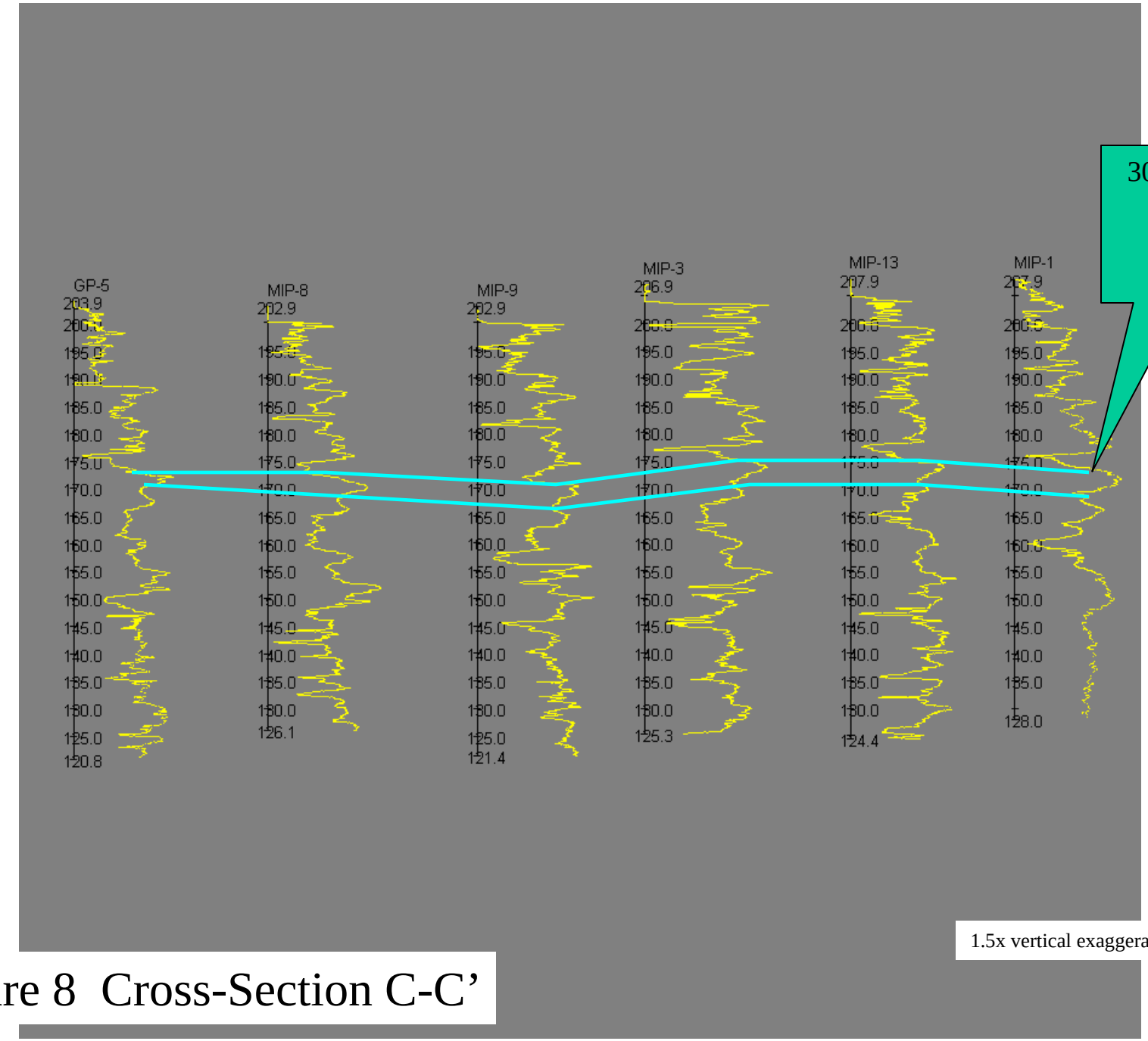


Figure 8 Cross-Section C-C'

Figure 9. MIP-1 ECD and PID

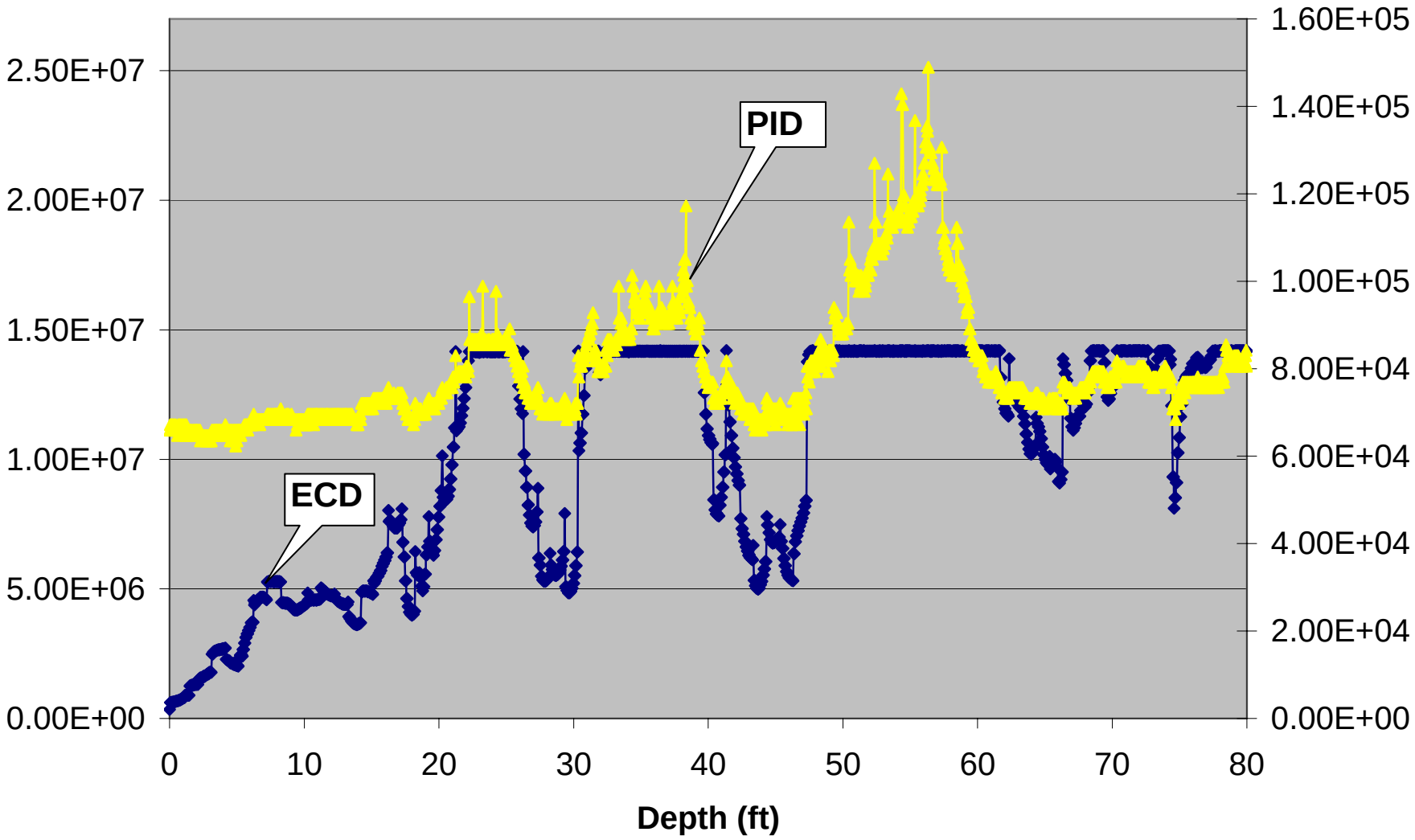


Figure 10. MIP-1 PID and FID
(similar responses)

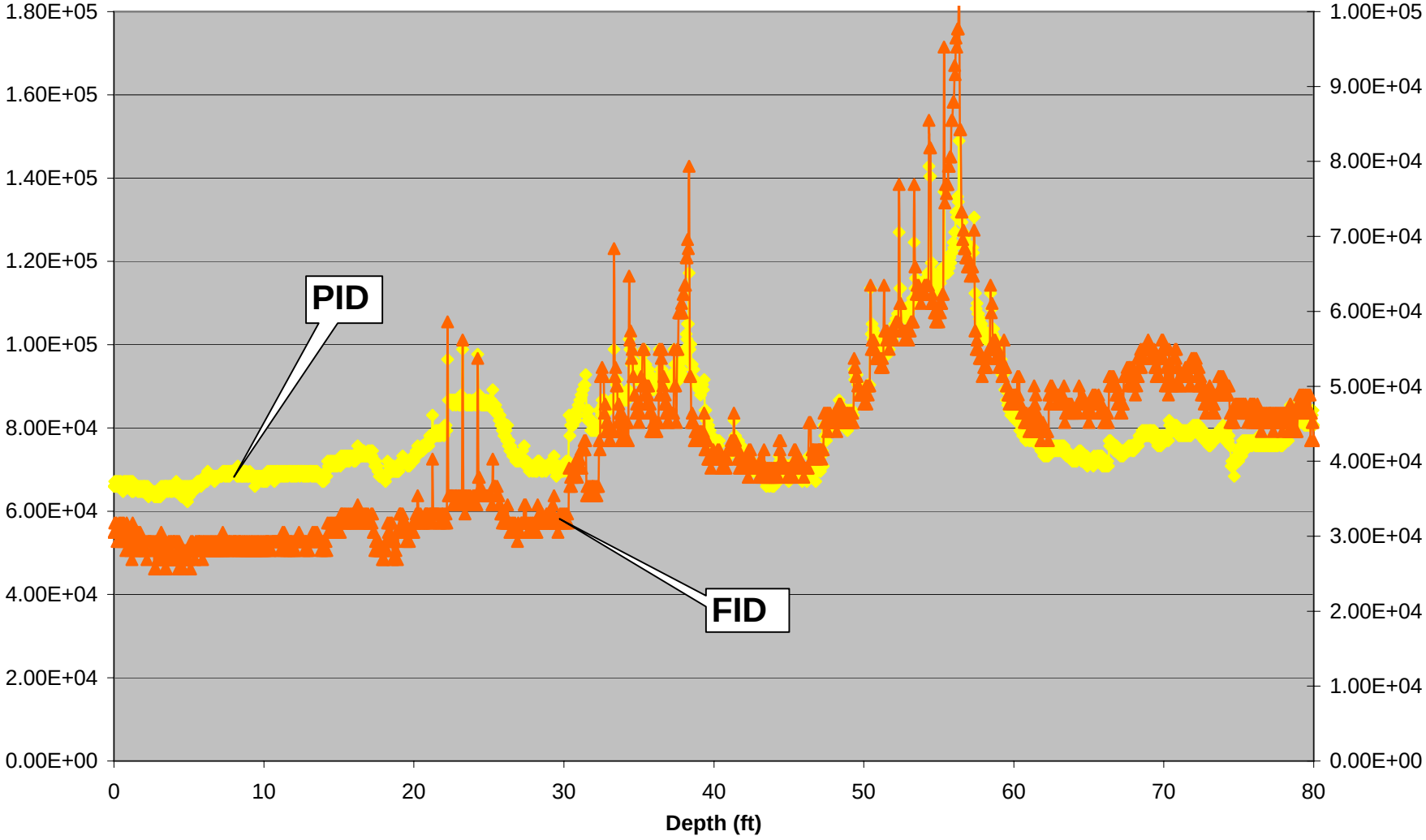


Figure 11. MIP-4 PID and FID
(similar responses)

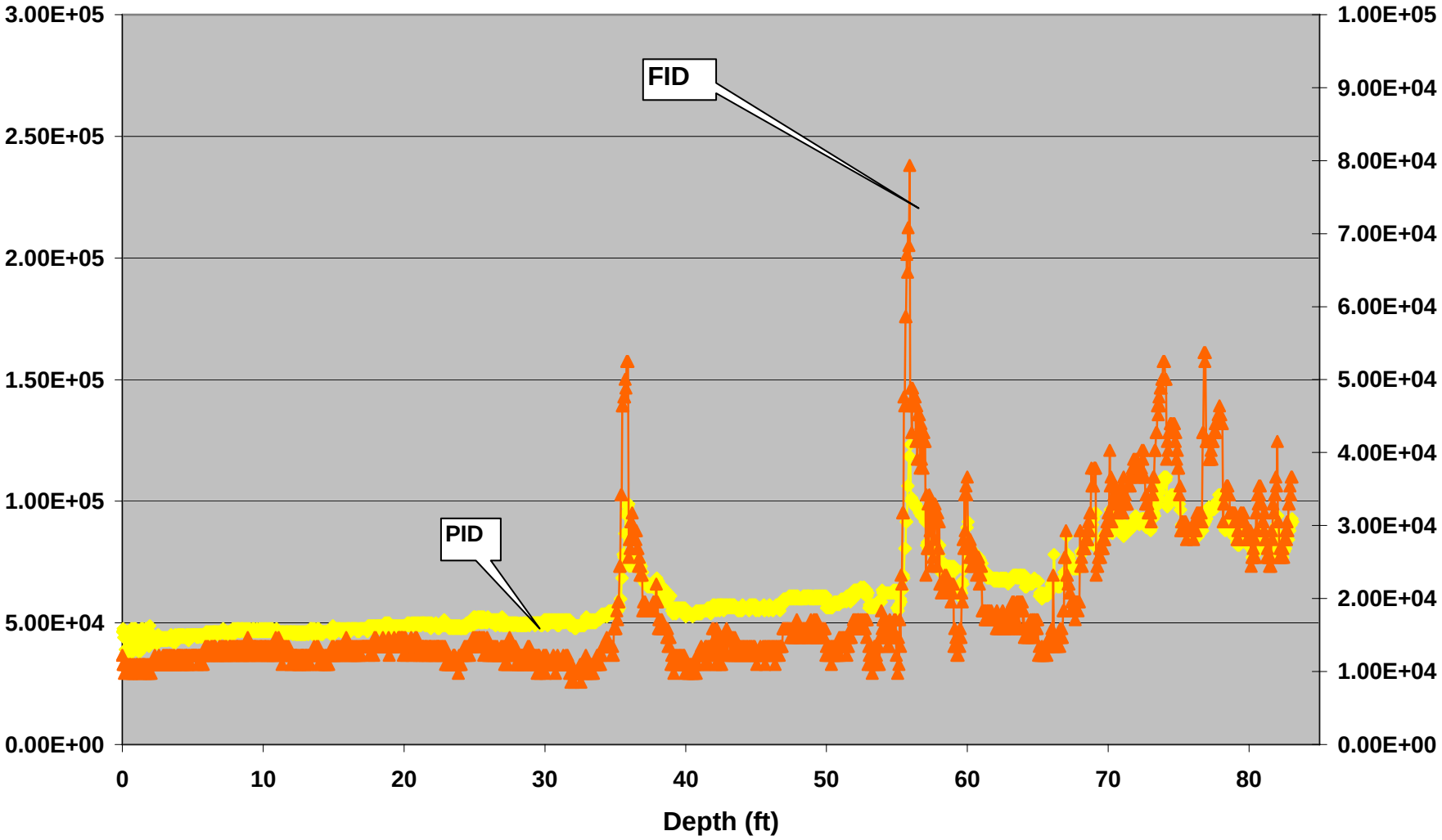


Figure 12. MIP-15 PID and FID
(higher FID response)

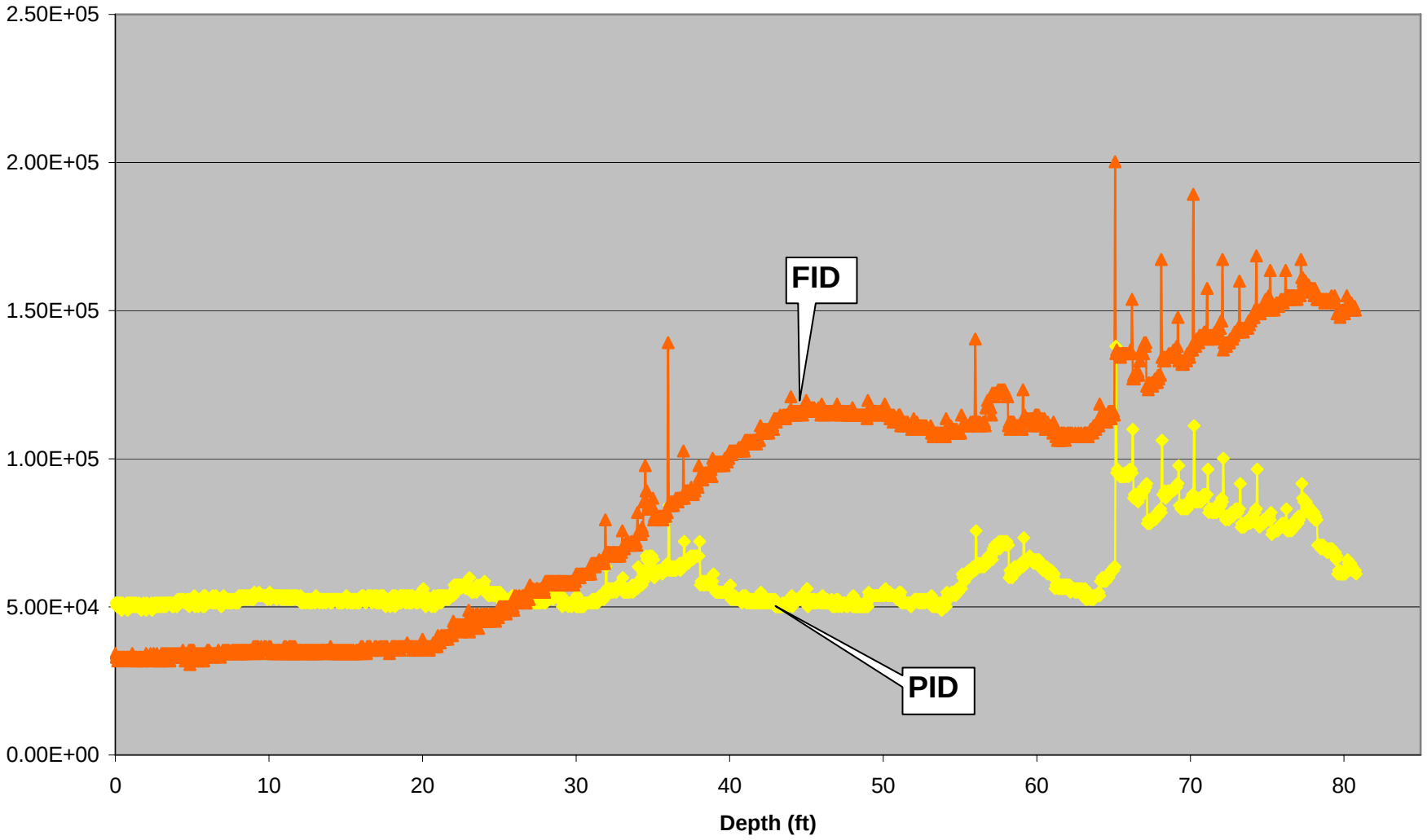


Figure 13. MIP-2 PID and FID
(higher PID response)

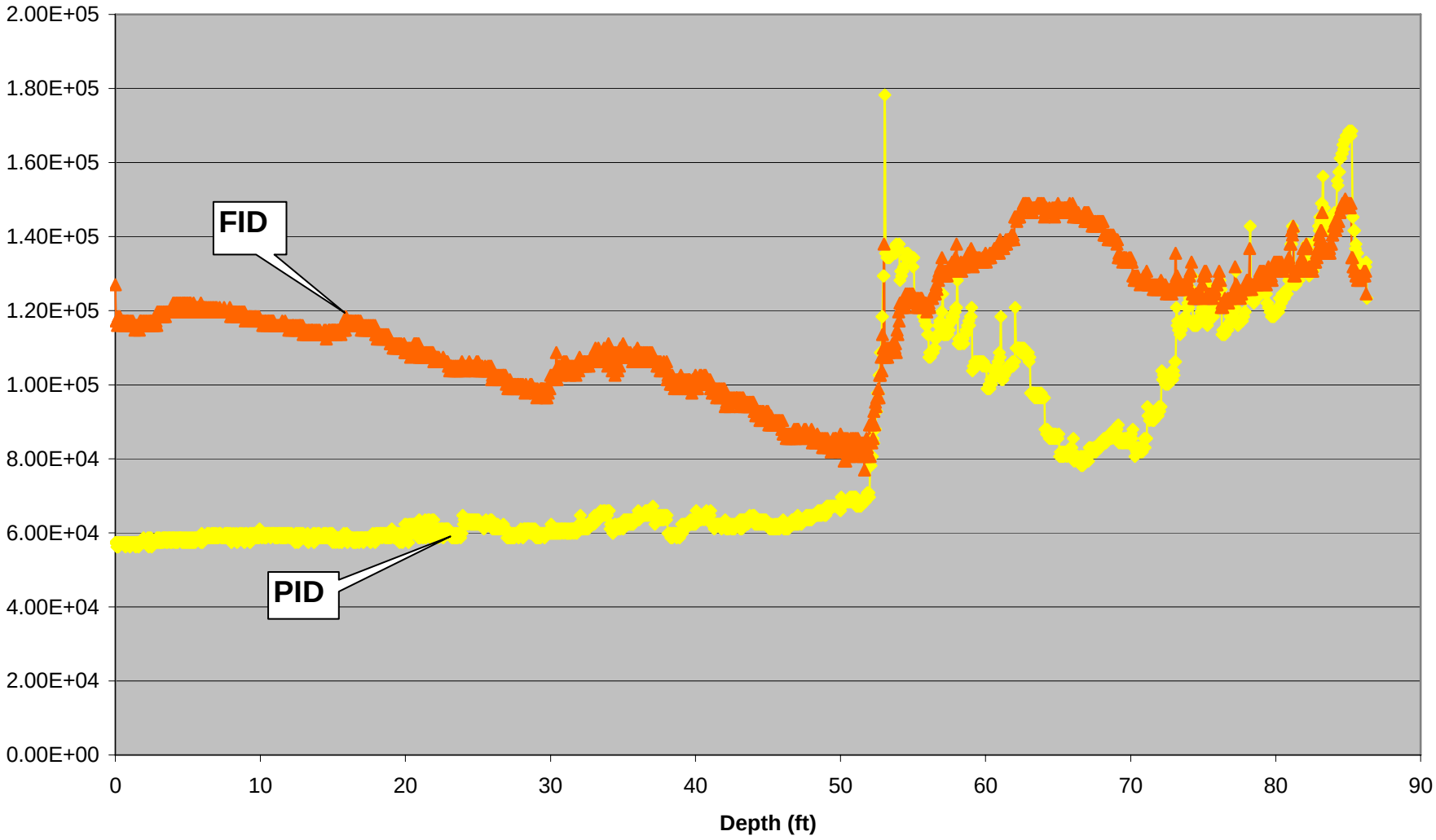


Figure 14. MIP-6 ECD and Total VOCs in Soil Vapor at Nearby VP-12

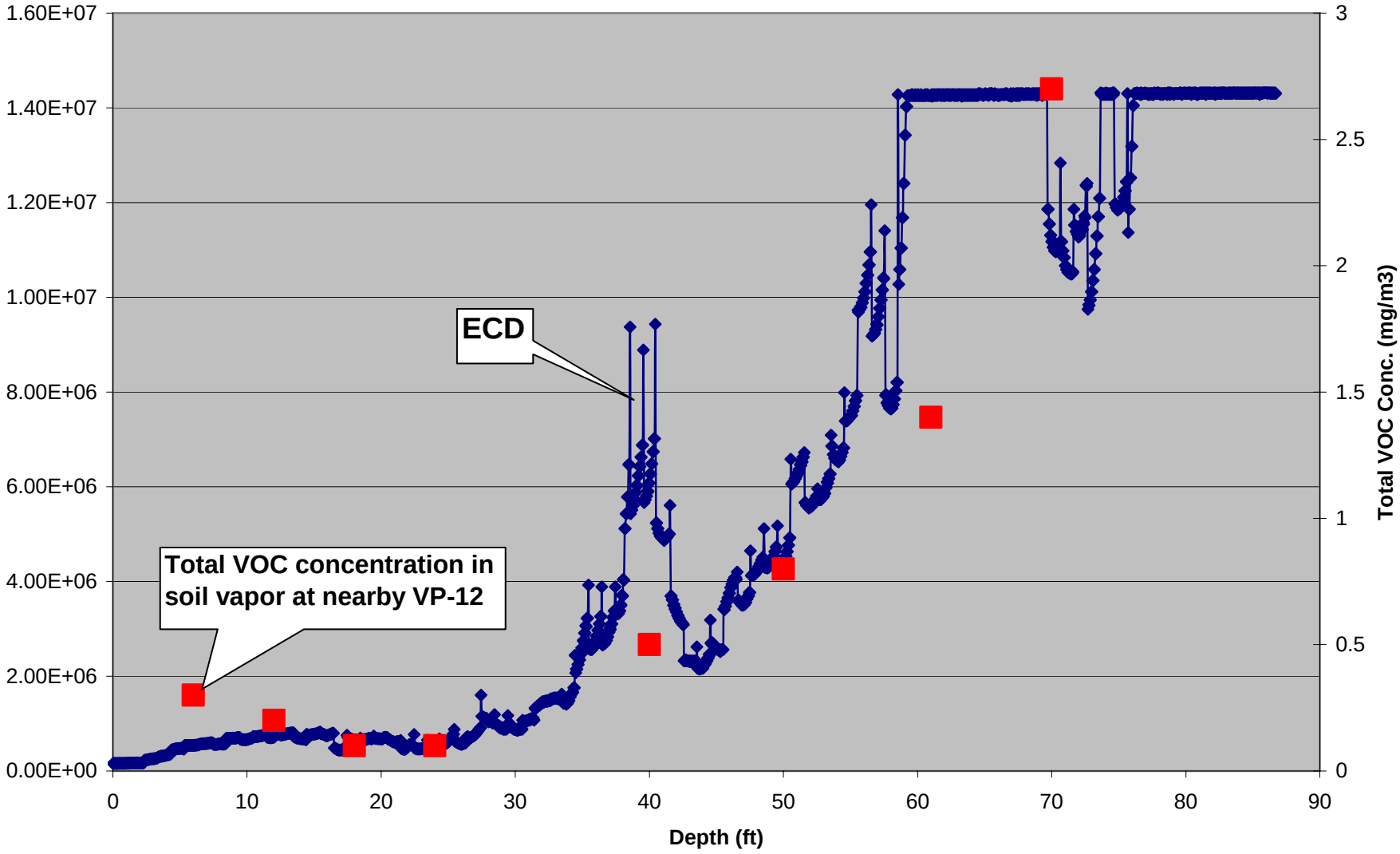


Figure 15. MIP-5 ECD and Nearby Soil Vapor Total VOCs

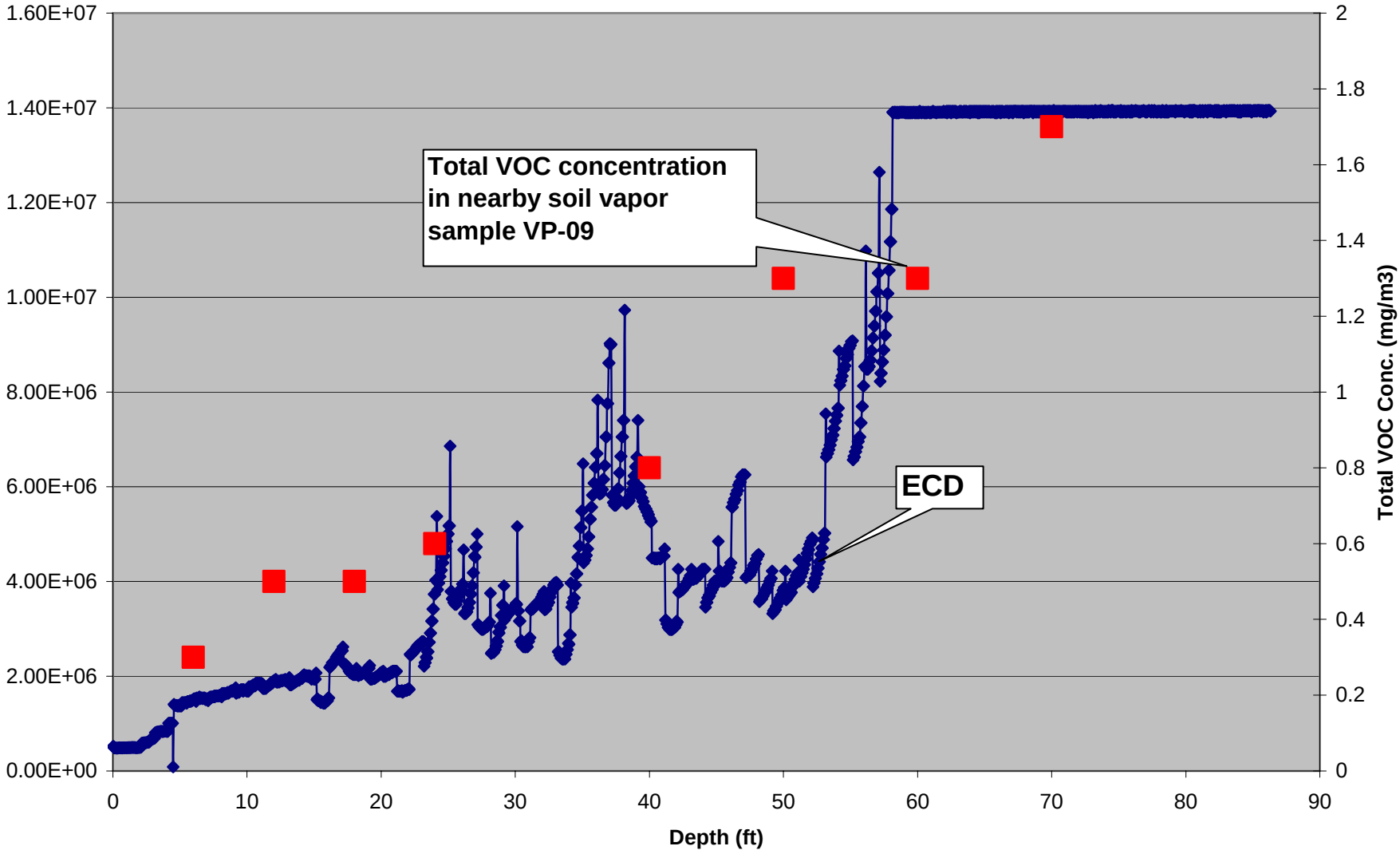


Figure 14. MIP-16 ECD and Total VOCs in Soil Vapor at Nearby VP-11

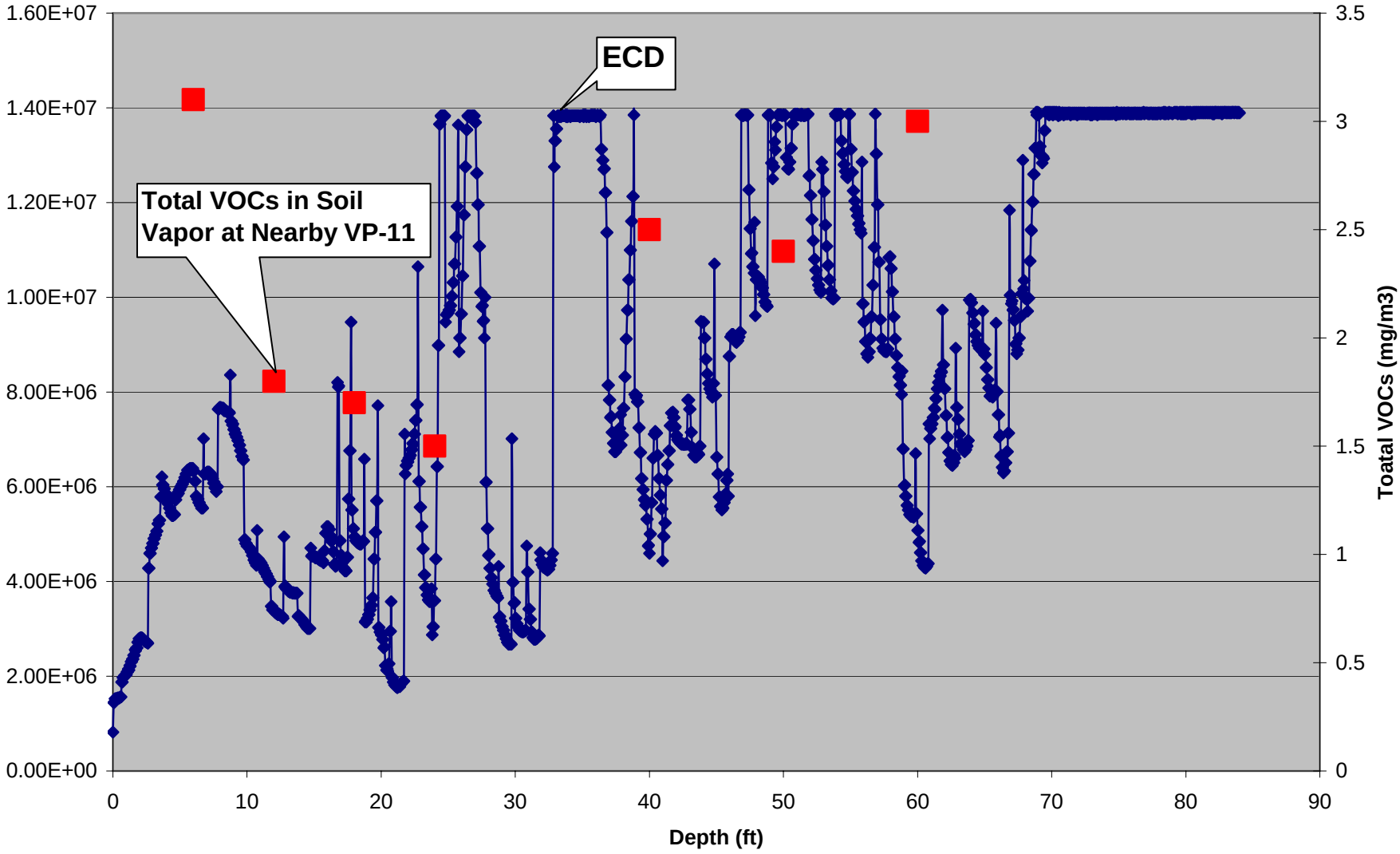


Figure 17. MIP-2 ECD and Nearby VP-3 Total VOCs in Soil Vapor

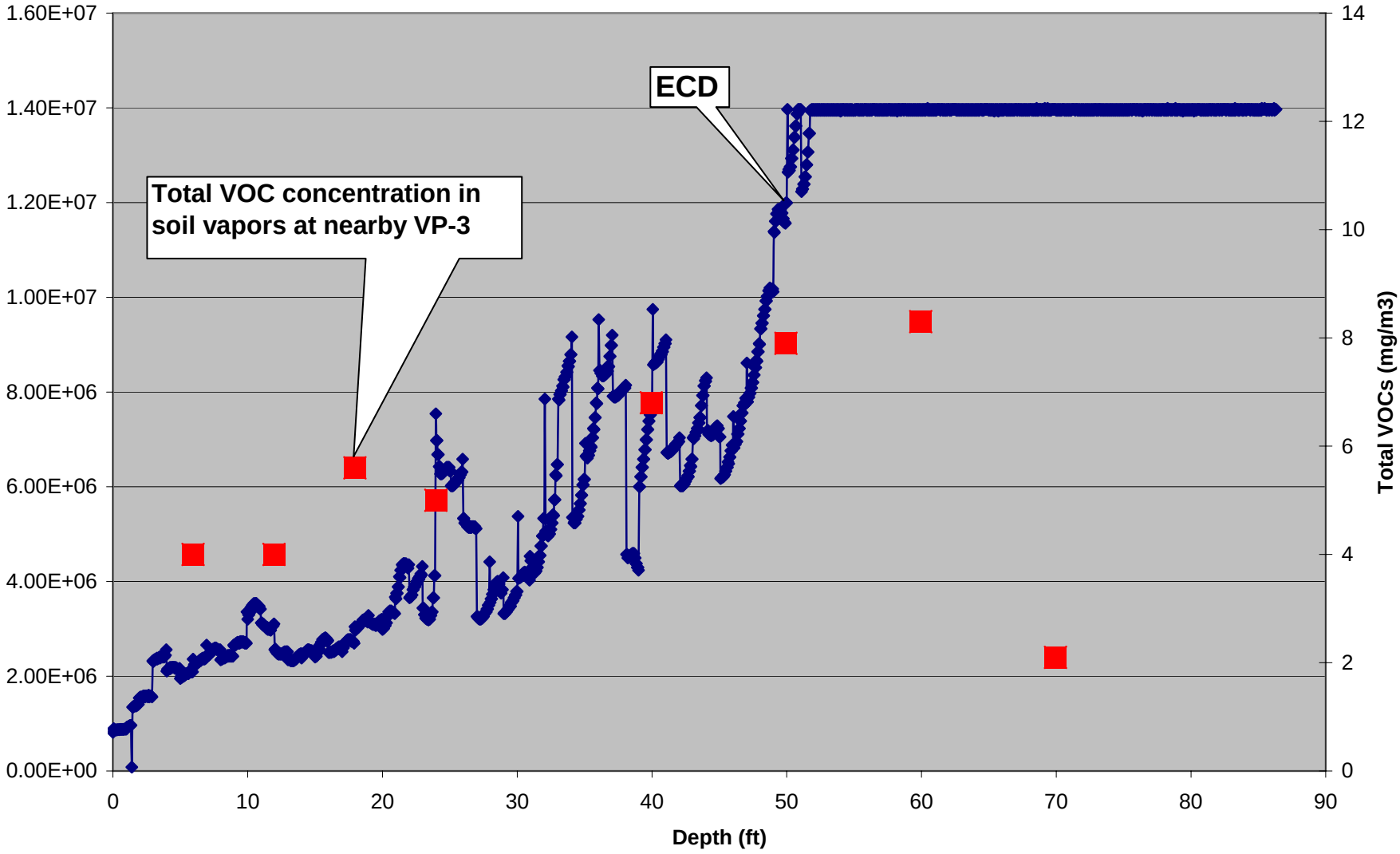


Figure 18. MIP-GP4 PID and Total VOC Soil Concentrations at an Adjacent Boring

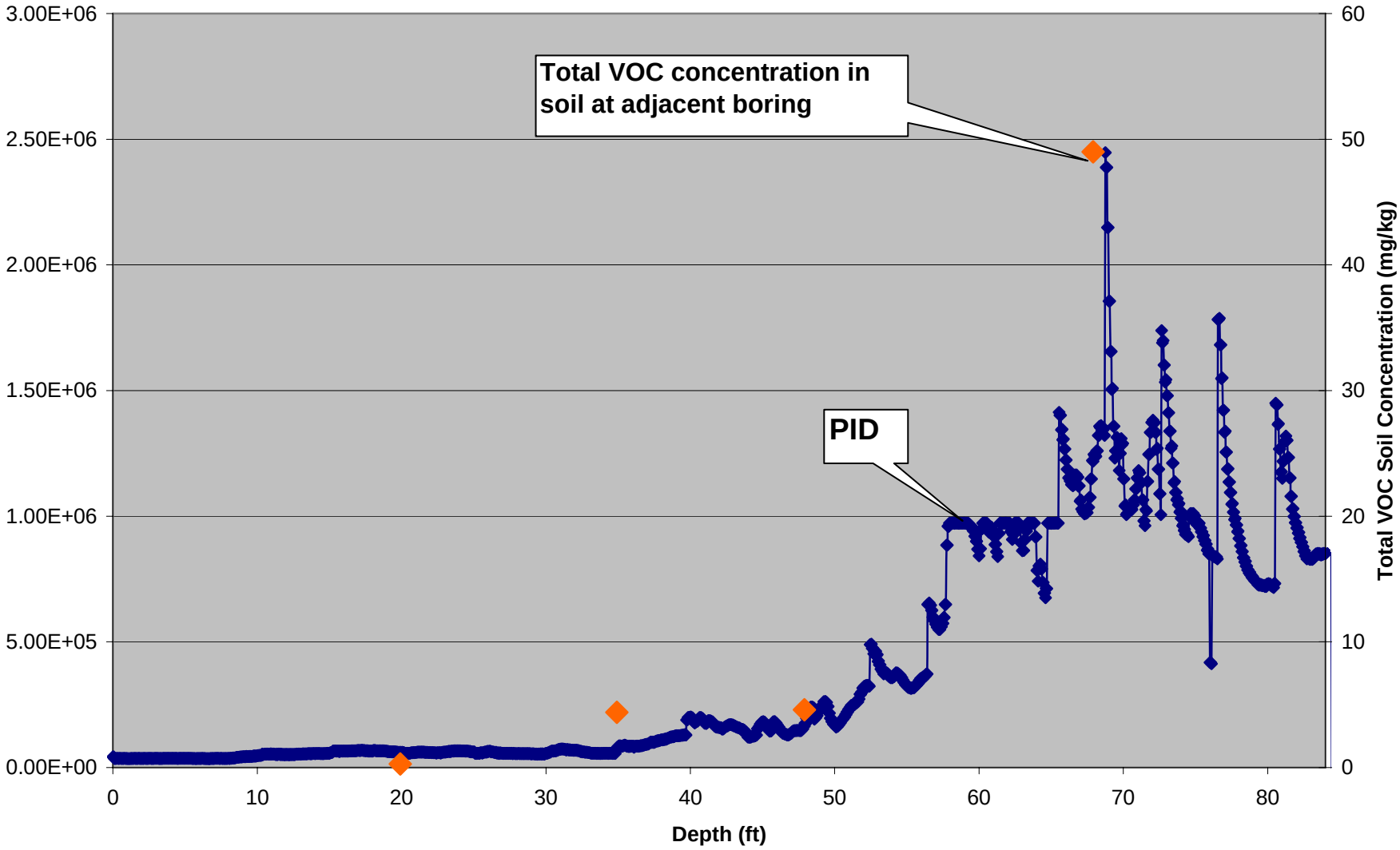


Figure 19. MIP-GP5 PID and Total VOCs in Soils from an Adjacent Boring

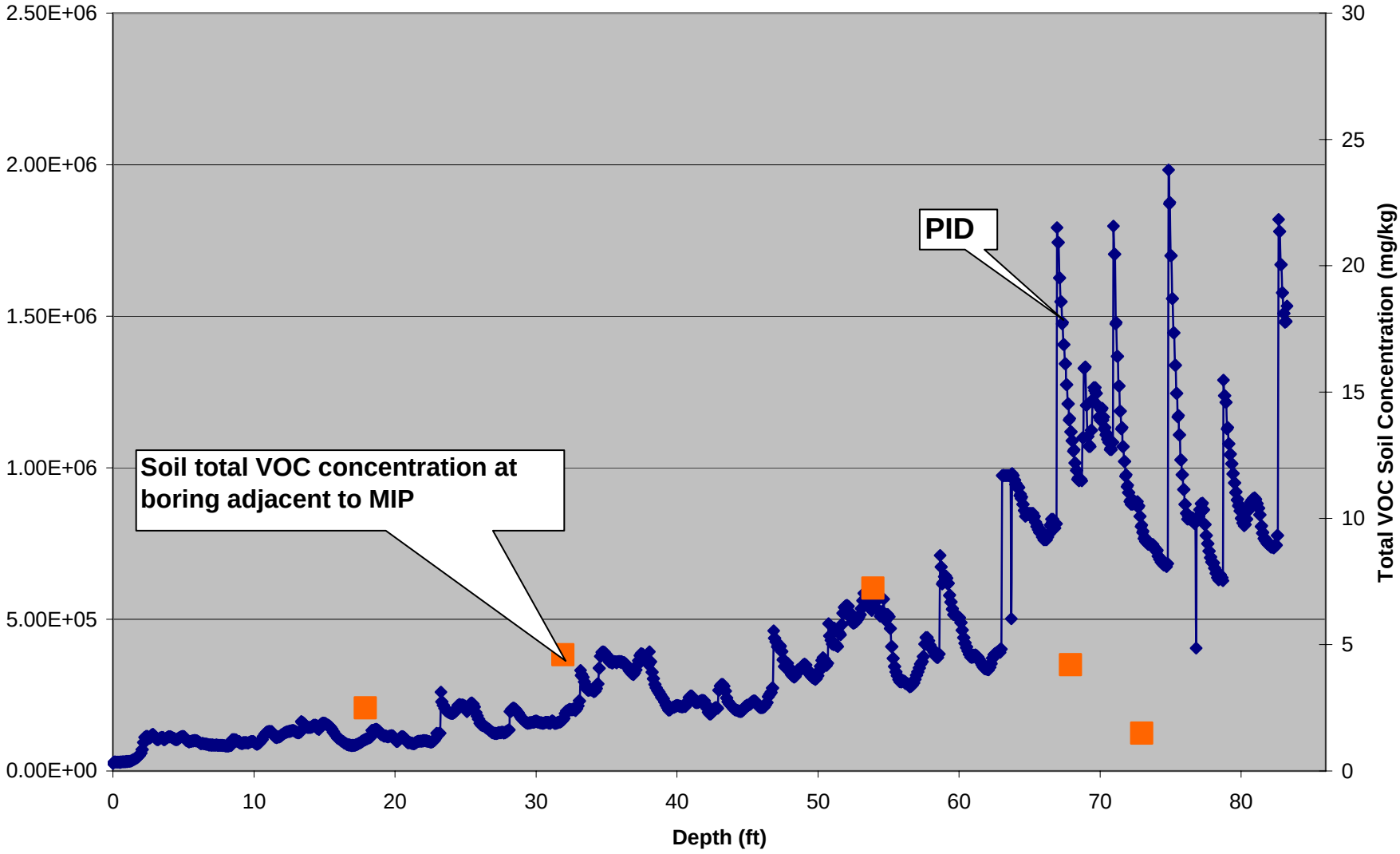


Figure 20. MIP-GP6 PID and Total VOCs in Soil from an Adjacent Boring

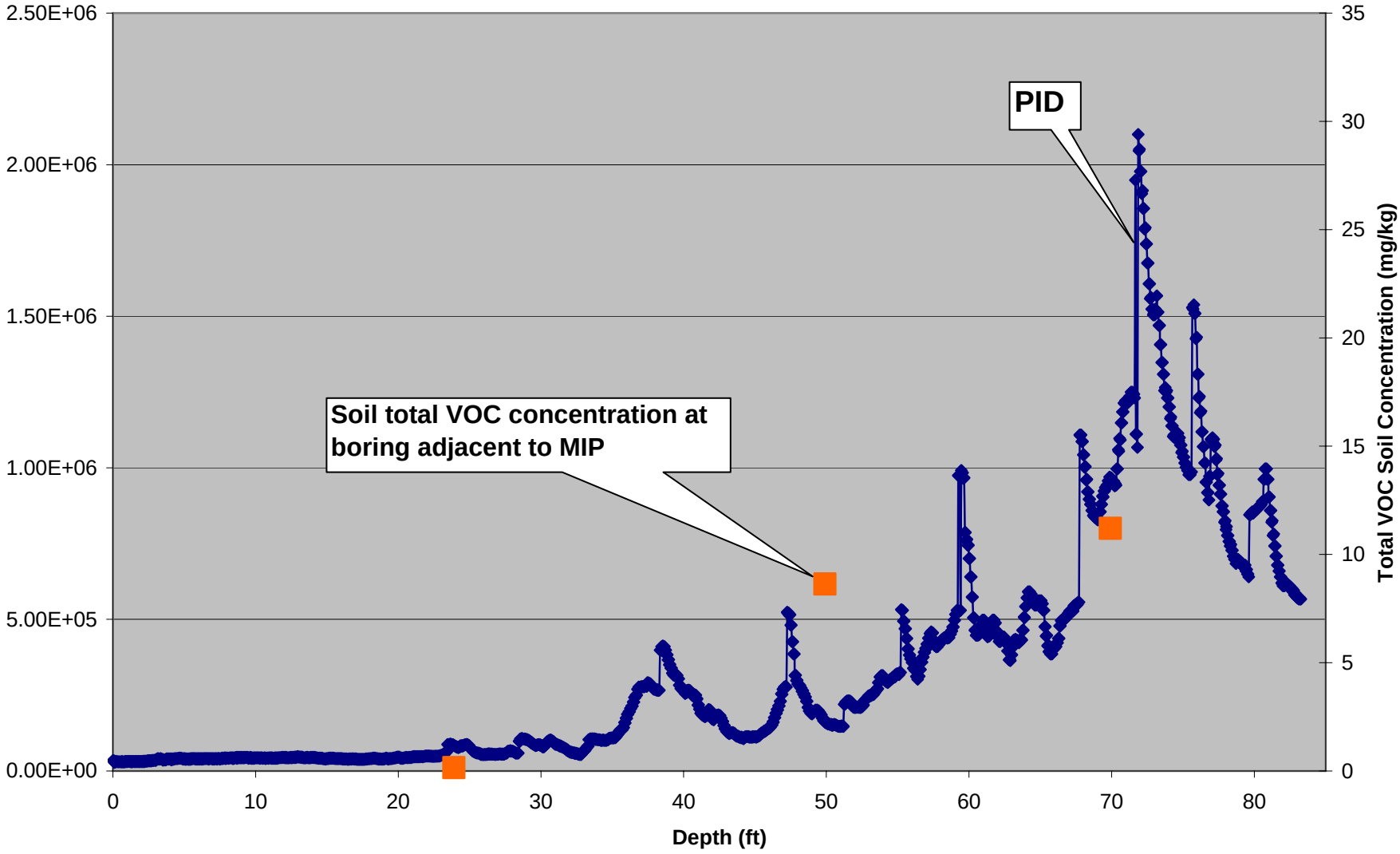


Figure 21. MIP-2 PID and Conductivity
(VOCs not significantly present in 30 ft sand or clay units)

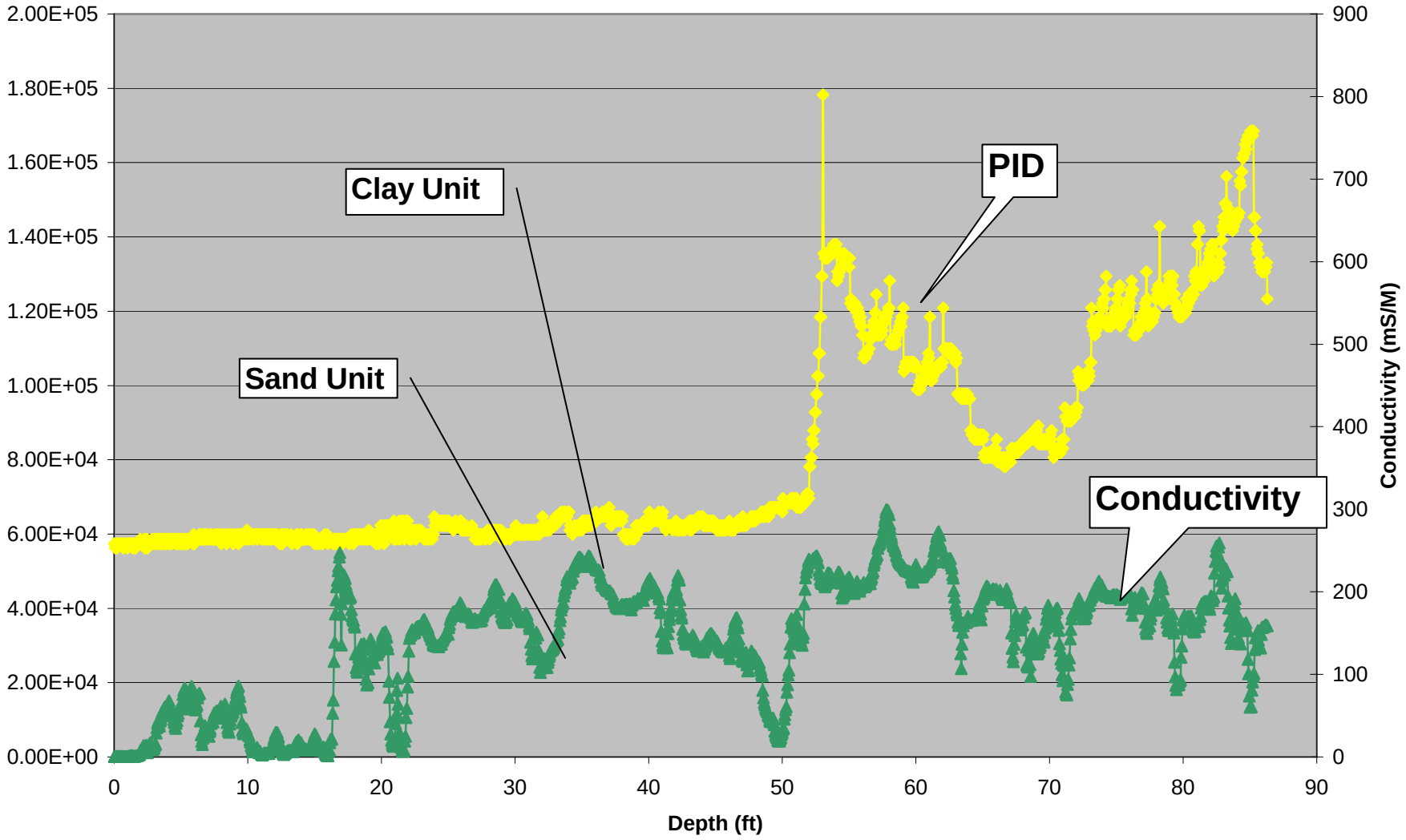
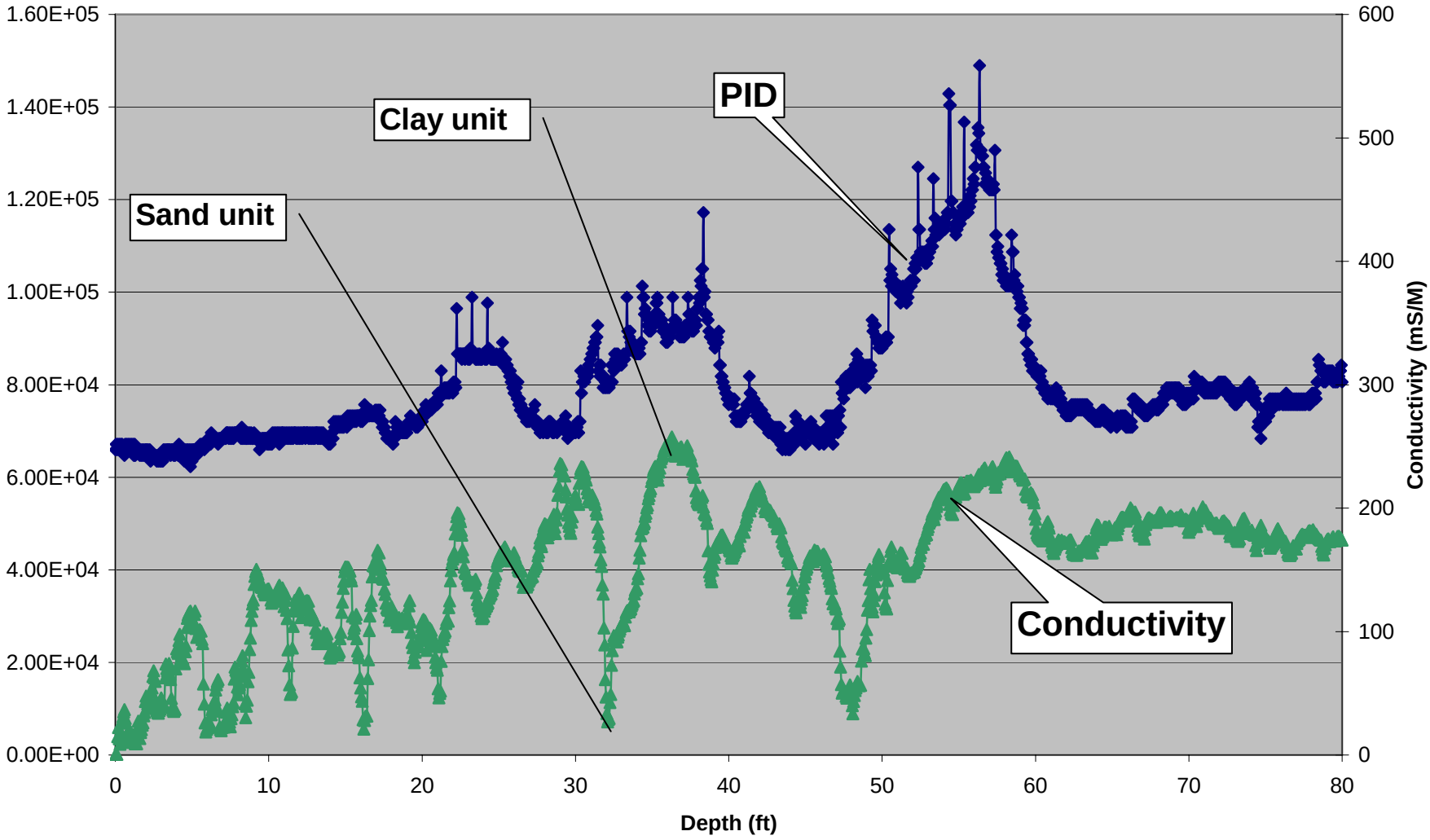


Figure 22. MIP-1 PID and Conductivity
(VOCs in 30 ft sand and clay units)



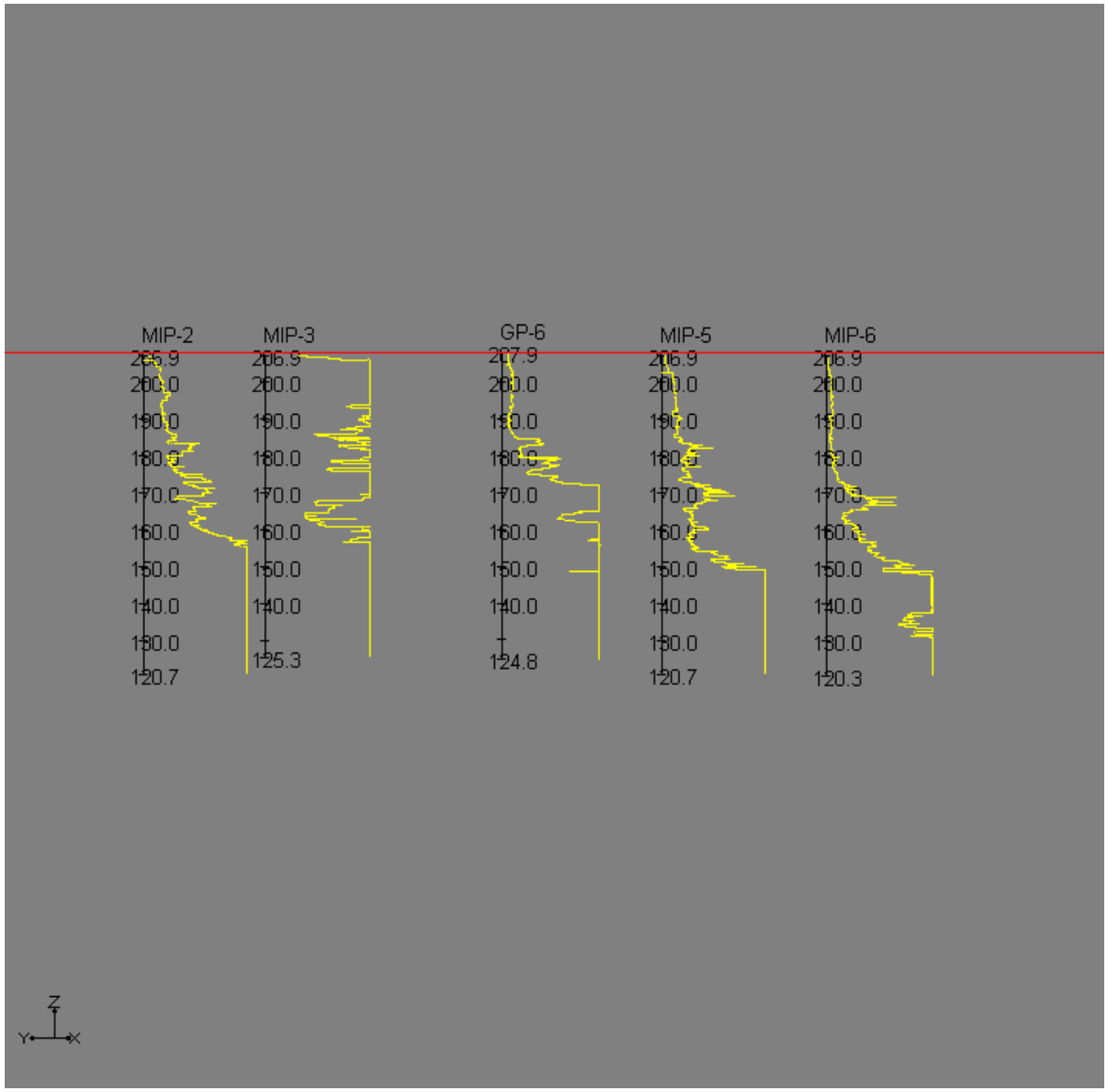


Figure 23 ECD Response on Cross-Section A-A’

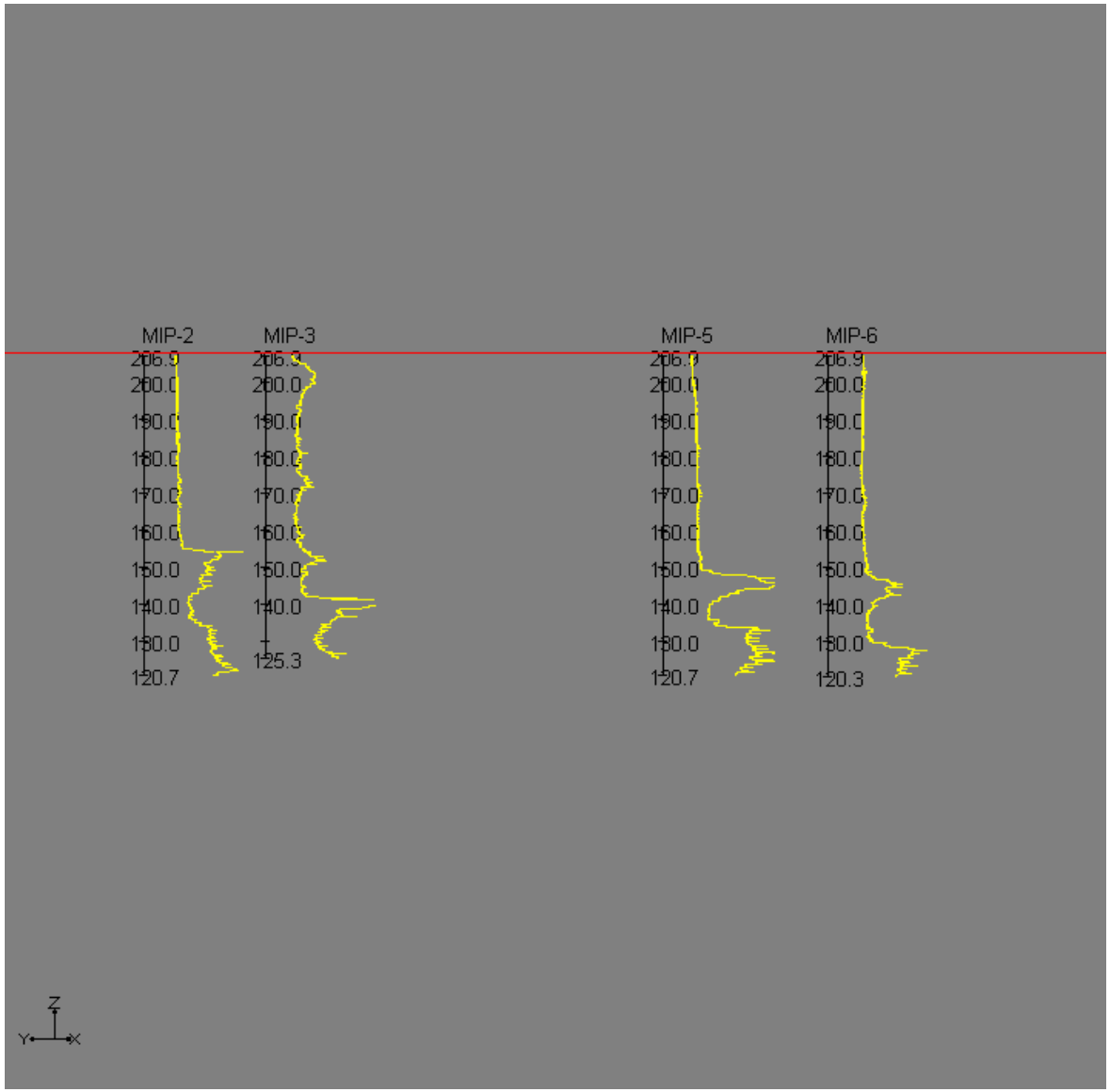


Figure 24 PID Response on Cross-Section A-A’

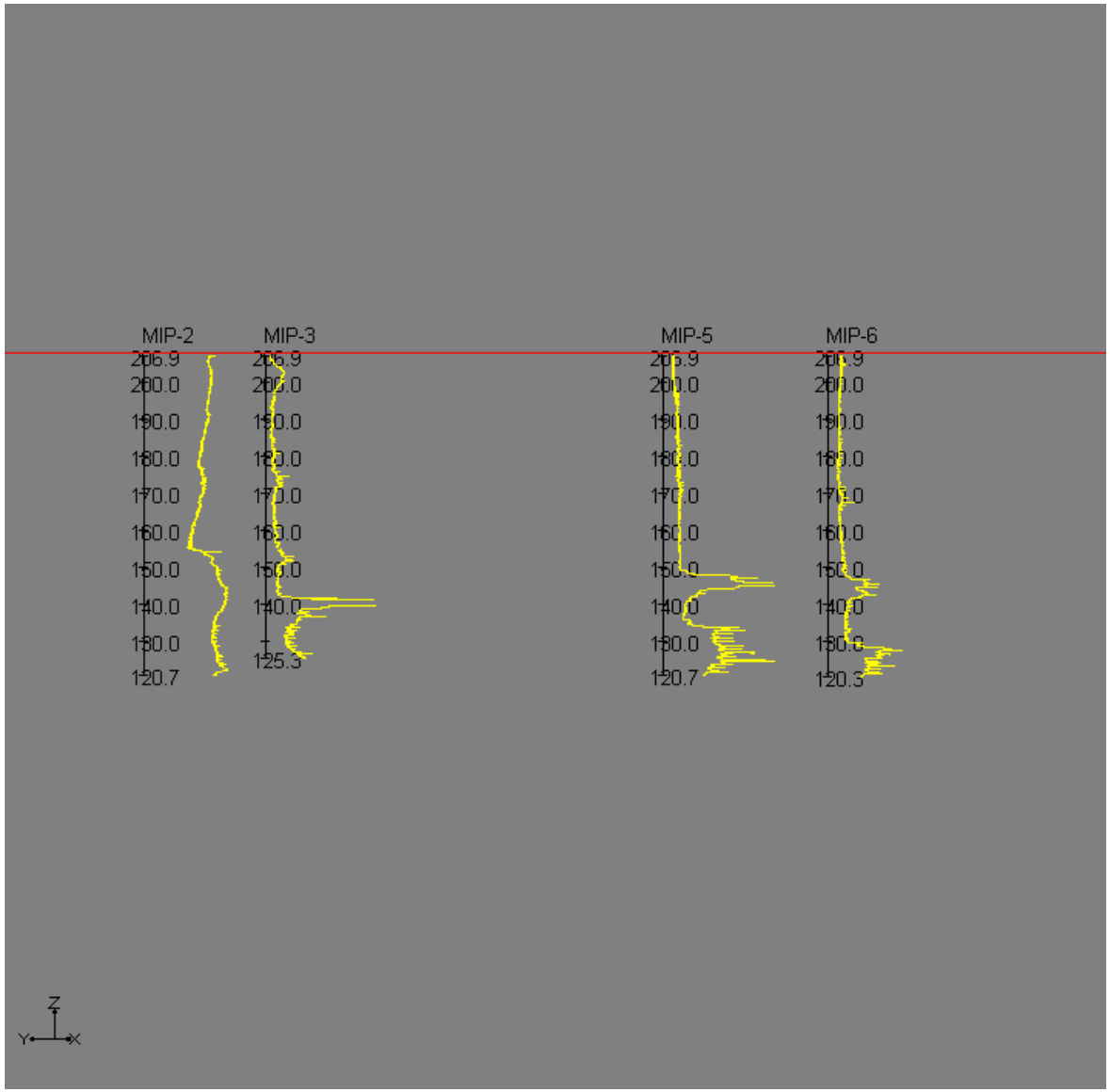


Figure 25 FID Response on Cross-Section A-A’

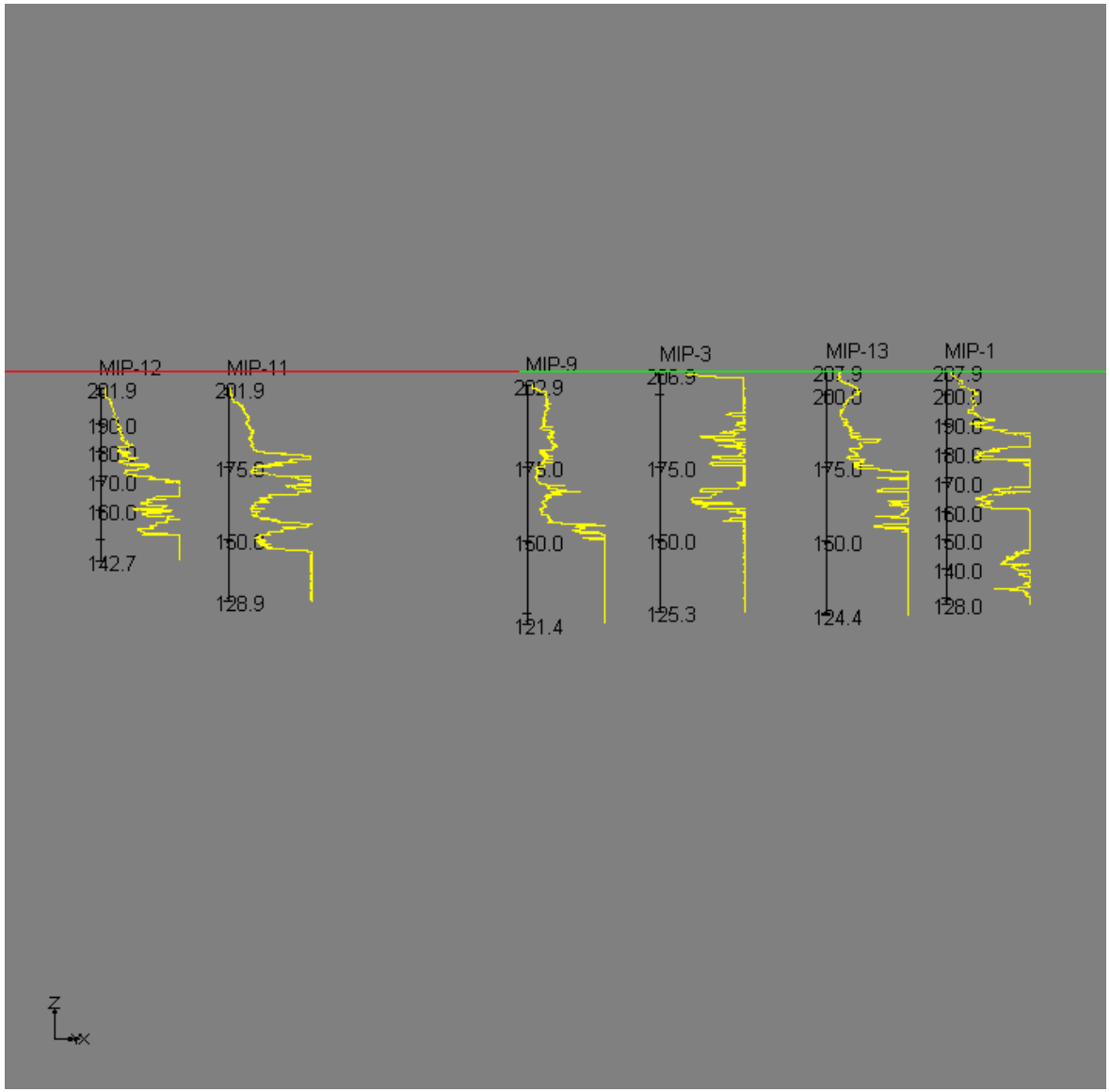


Figure 26 ECD Response on Cross-Section B-B’

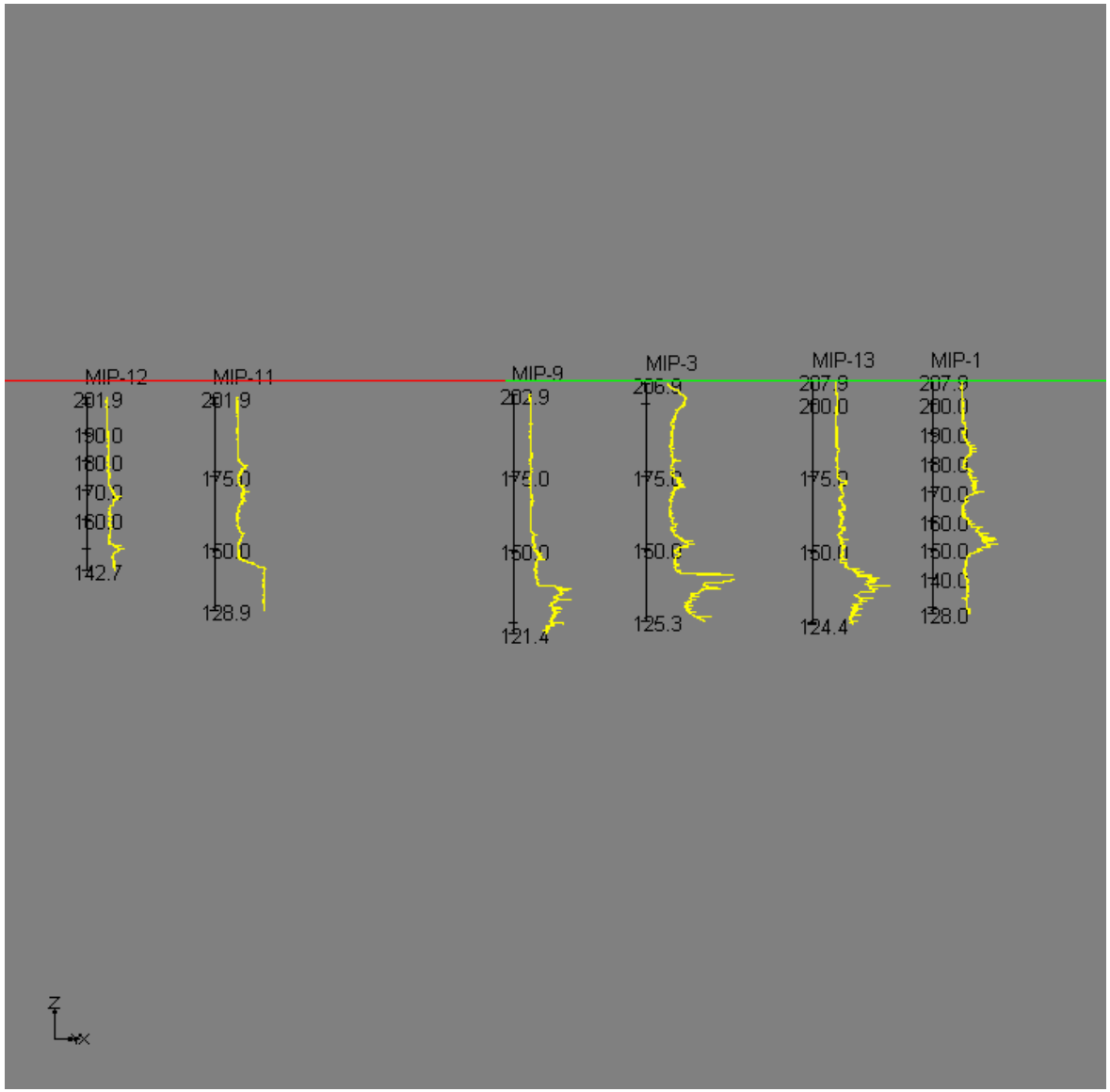


Figure 27 PID Response on Cross-Section B-B’

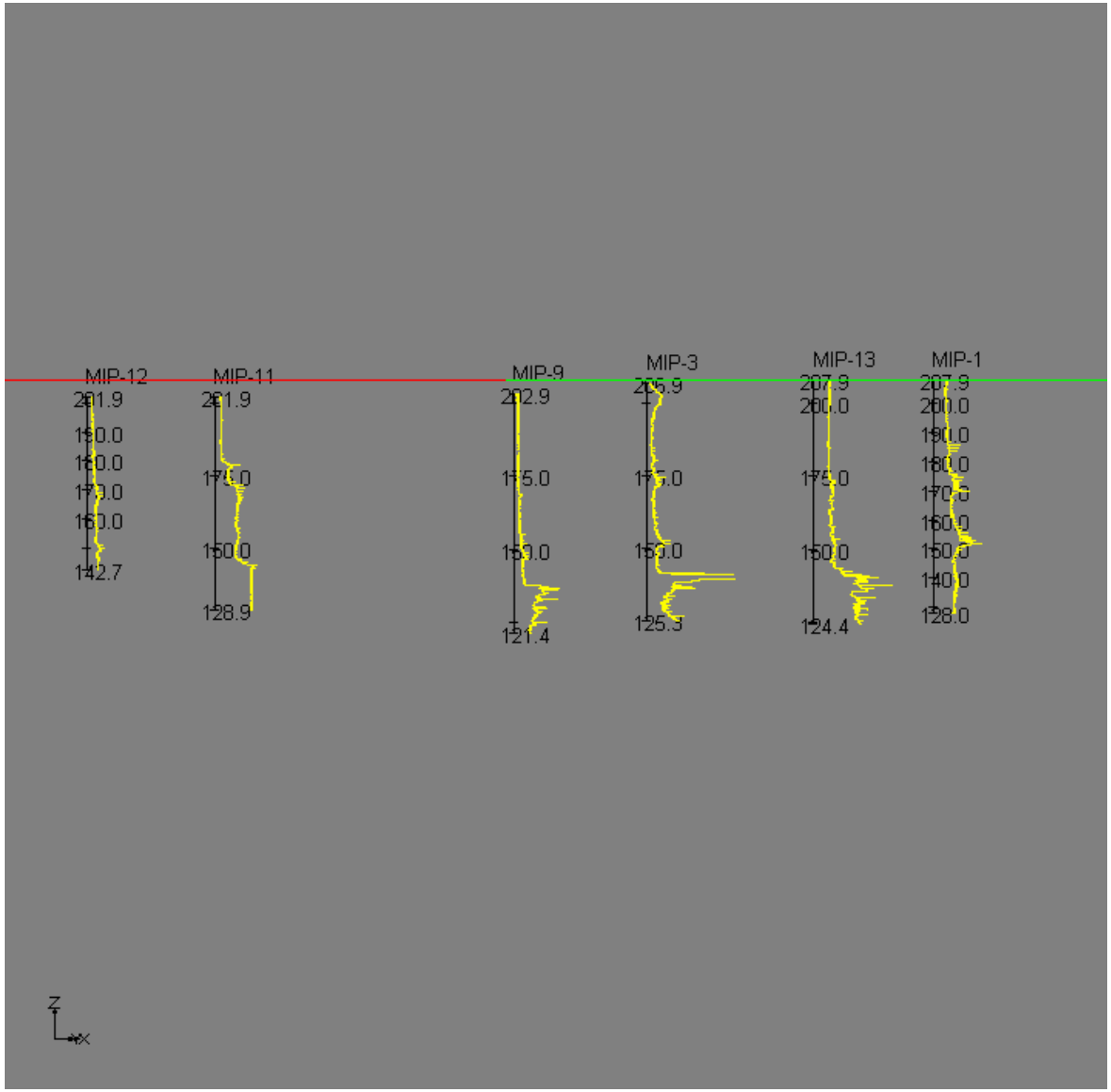


Figure 28 FID Response on Cross-Section B-B’

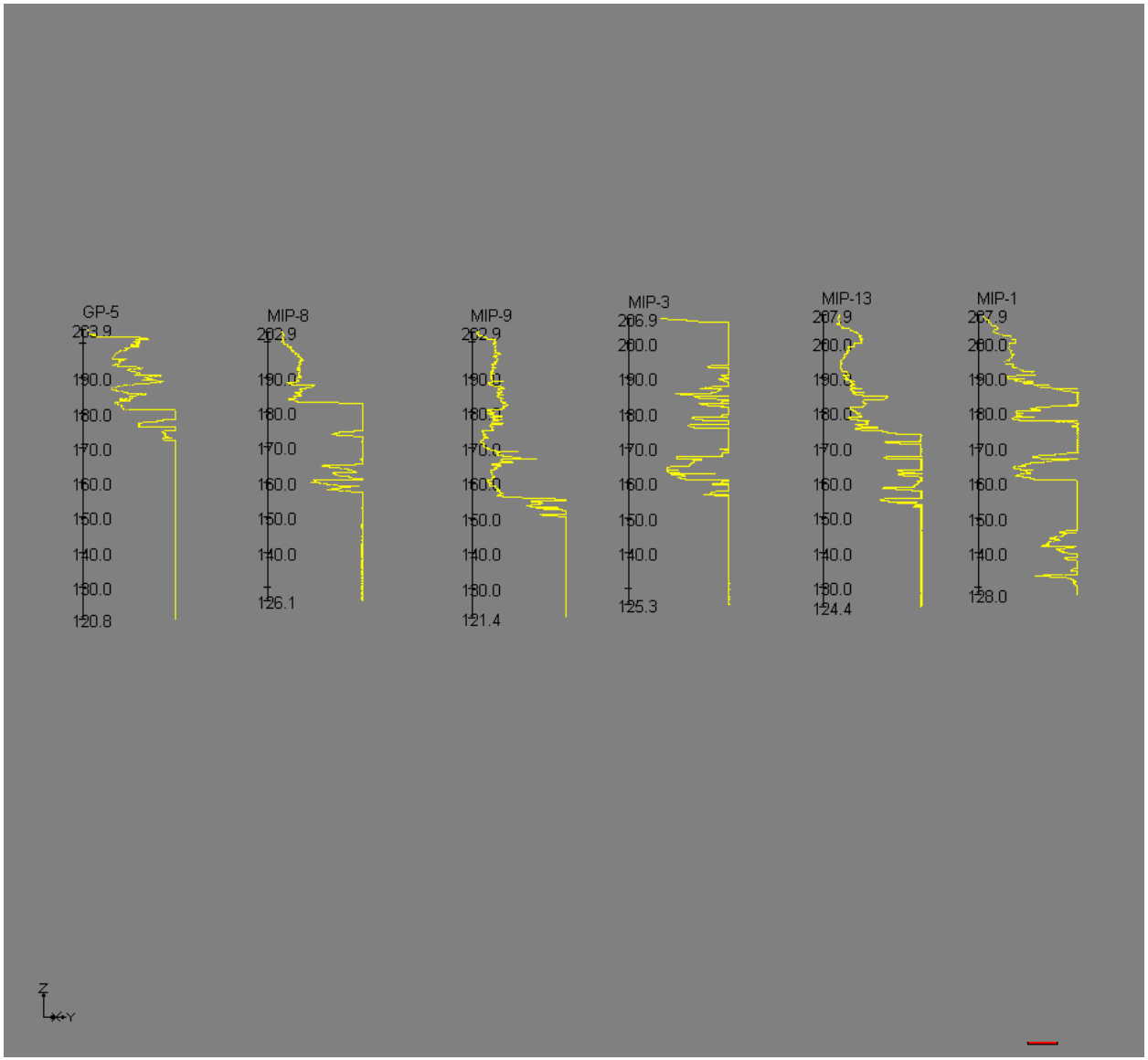


Figure 29 ECD Response on Cross-Section C-C’

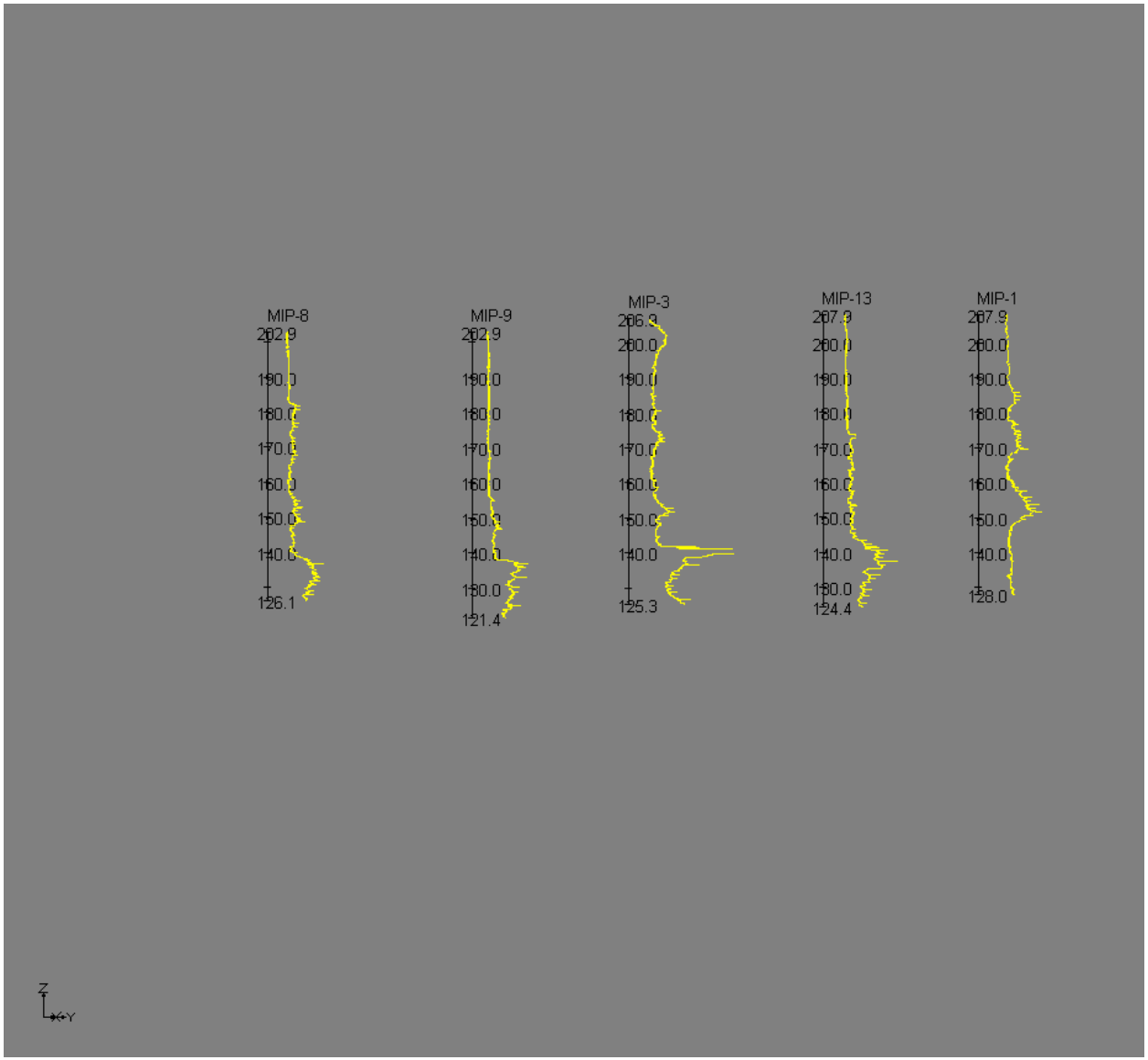


Figure 30 PID Response on Cross-Section C-C’

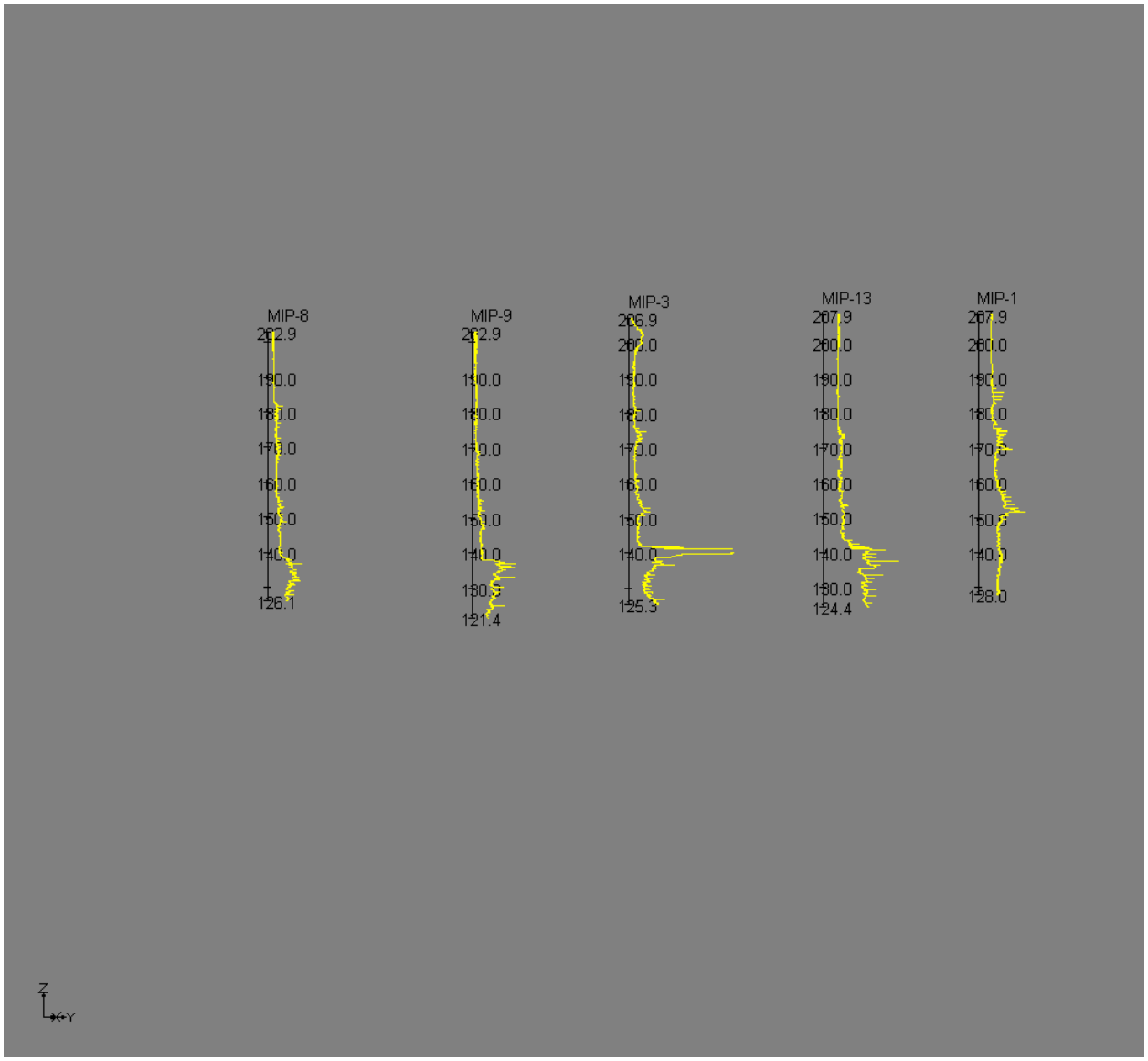


Figure 31 FID Response on Cross-Section C-C’

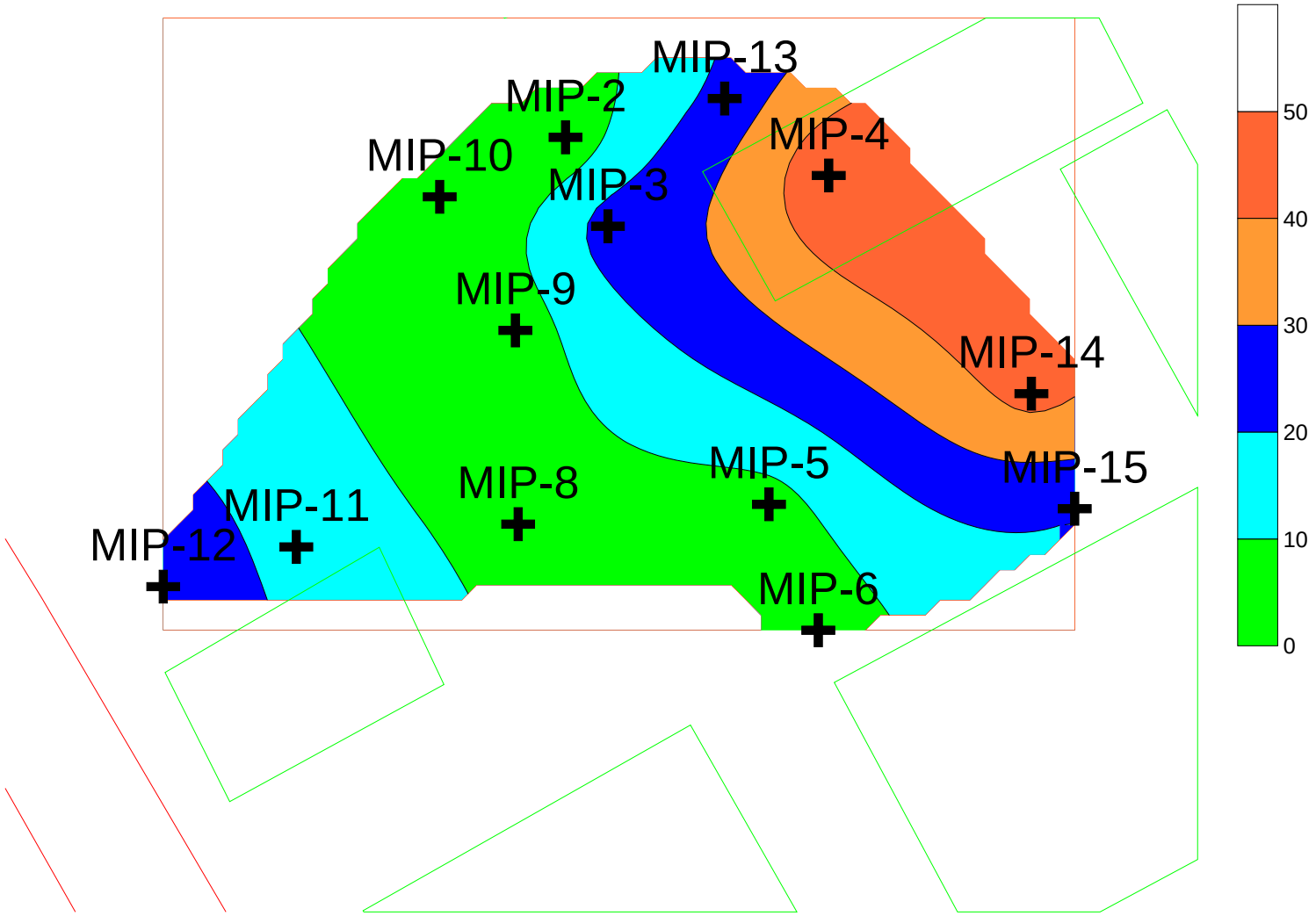


Figure 32 Relative PID Concentration in 30 Foot Clay Zone

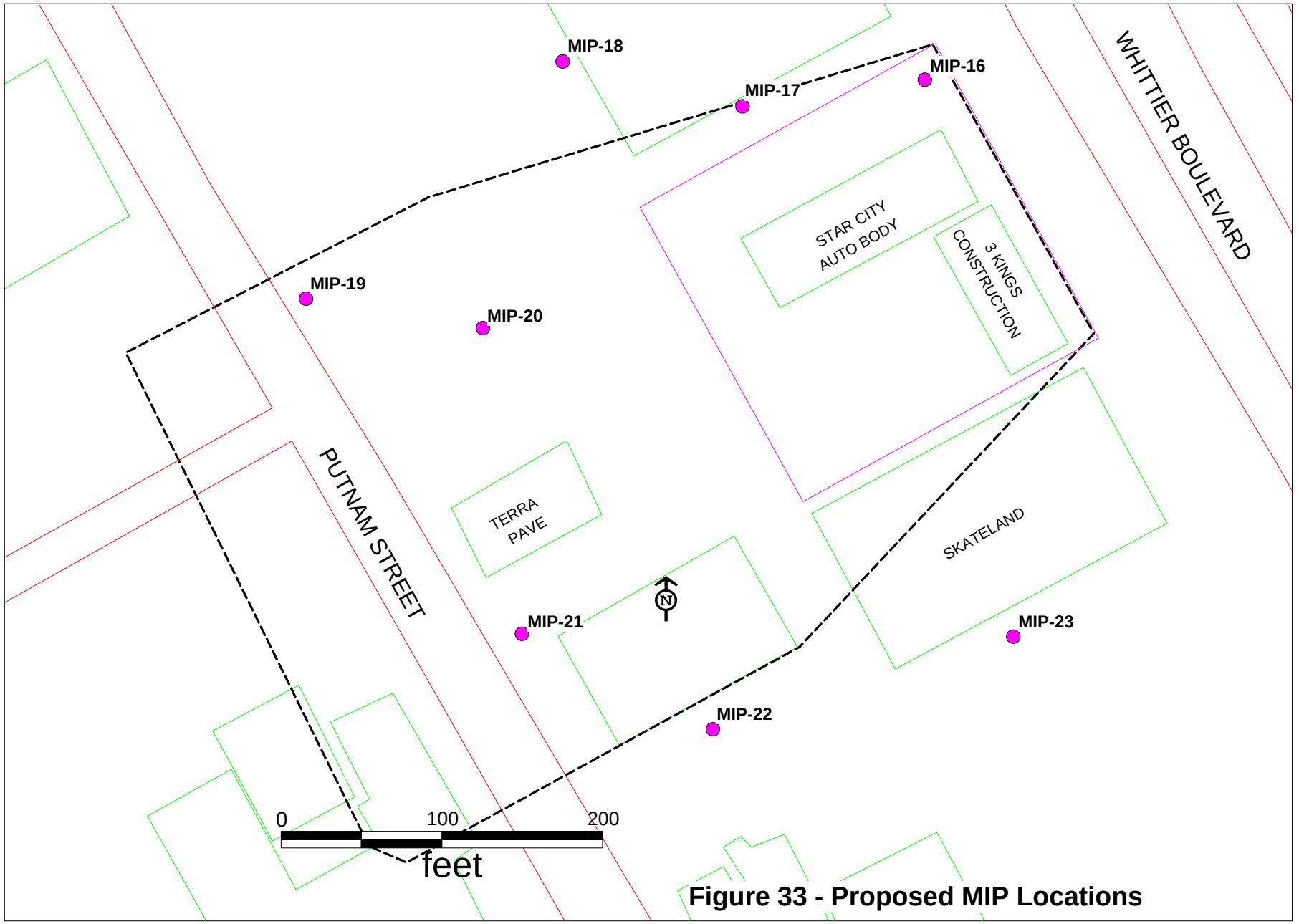


Figure 33 - Proposed MIP Locations

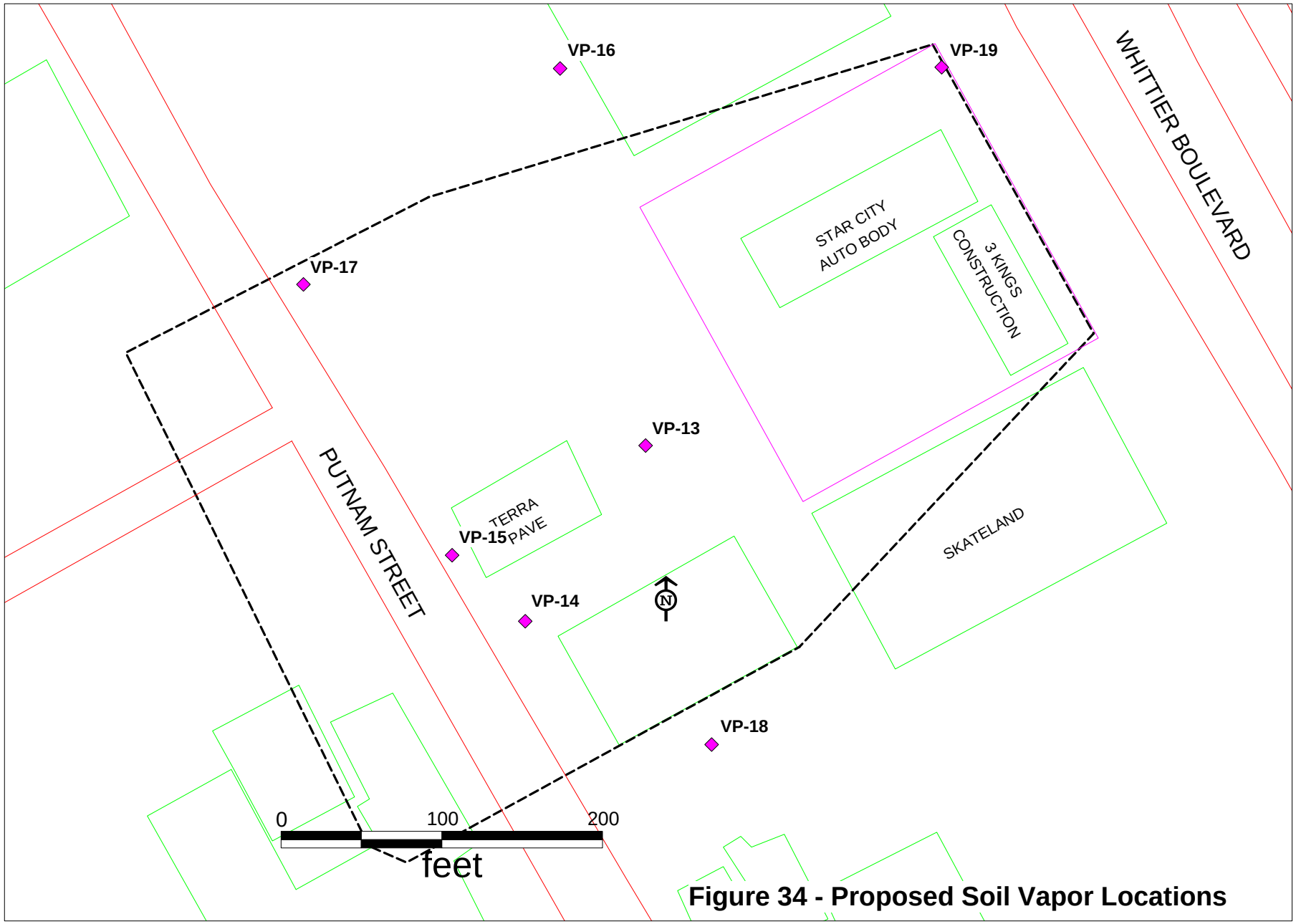
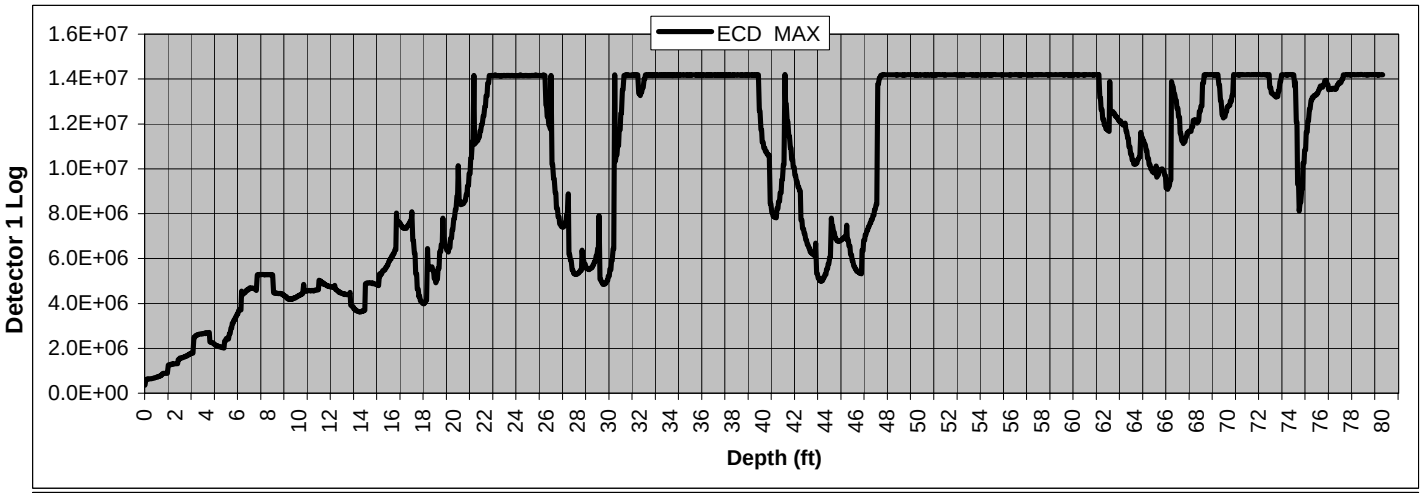
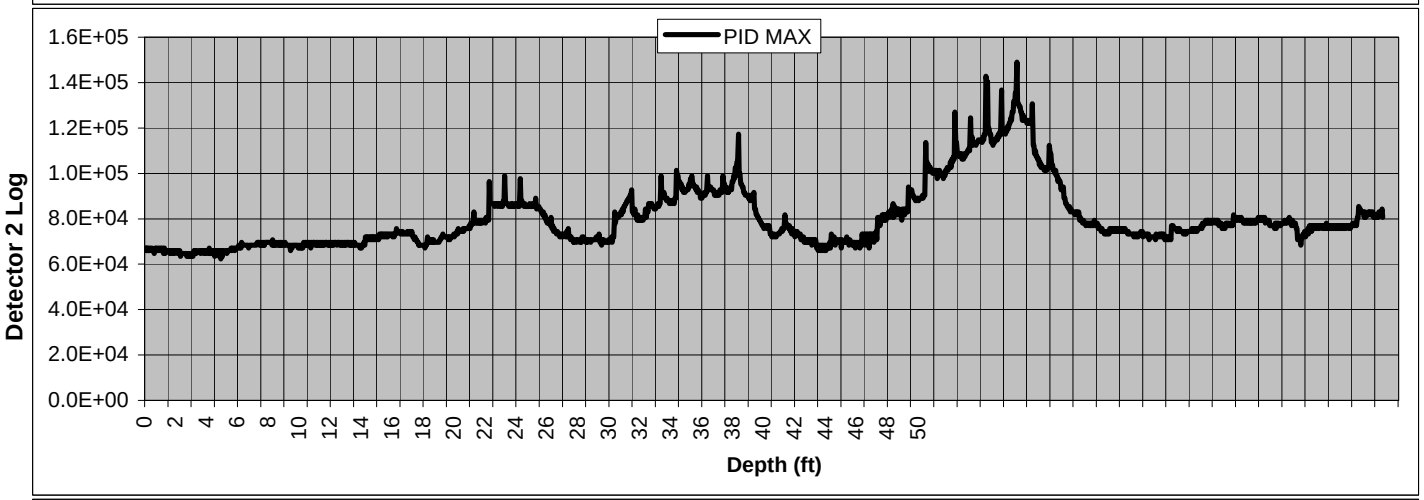


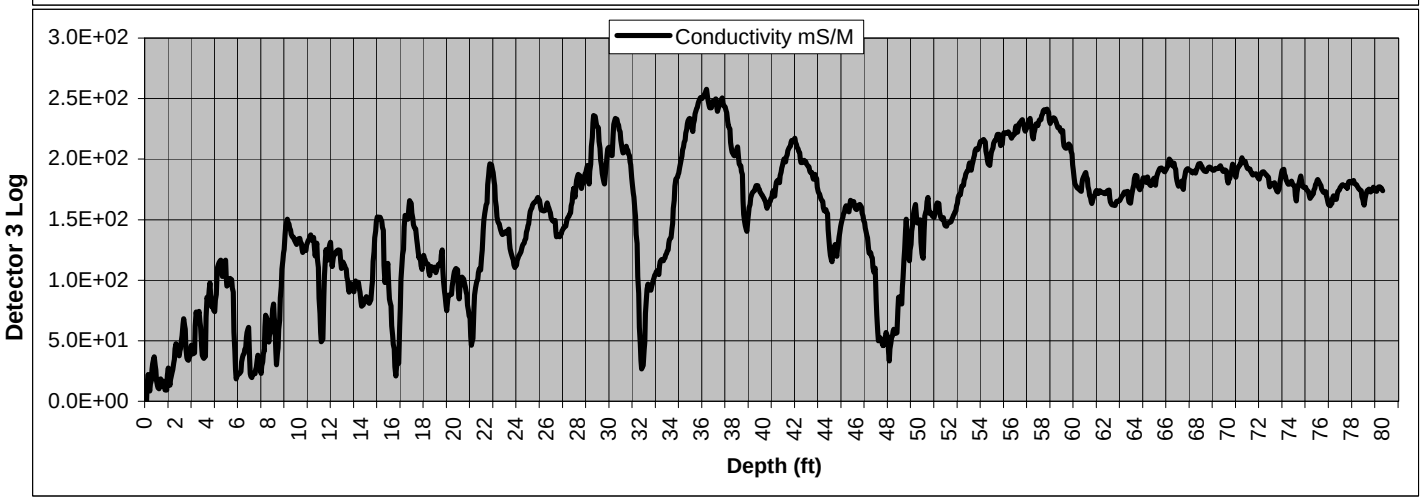
Figure 34 - Proposed Soil Vapor Locations

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-1	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 26 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	12:08	Detector 3 :	Electrical Conductance (EC)

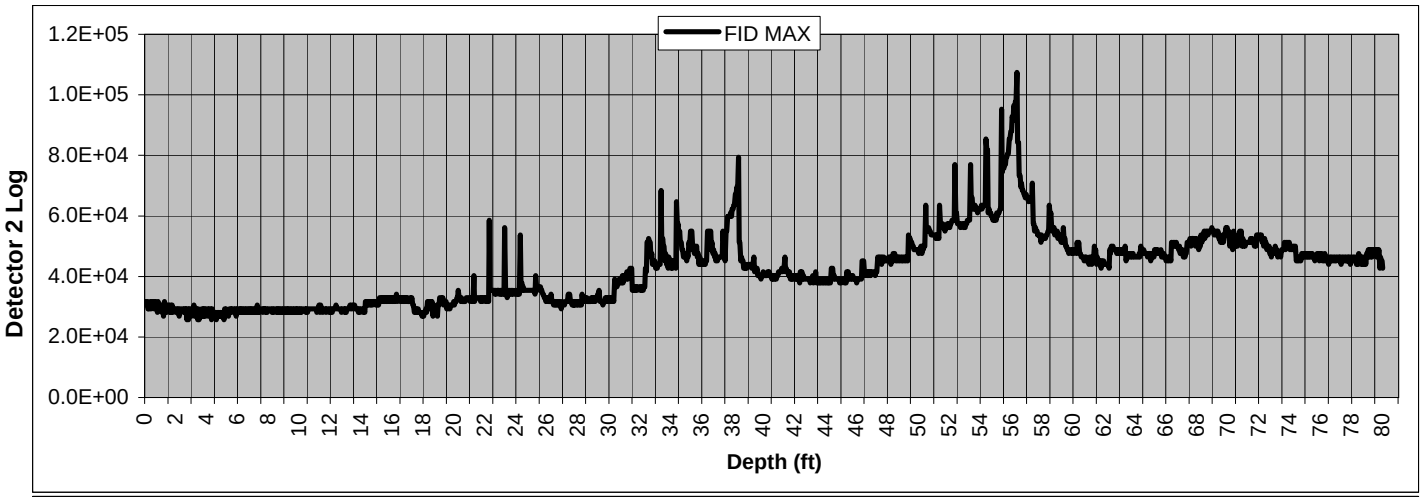


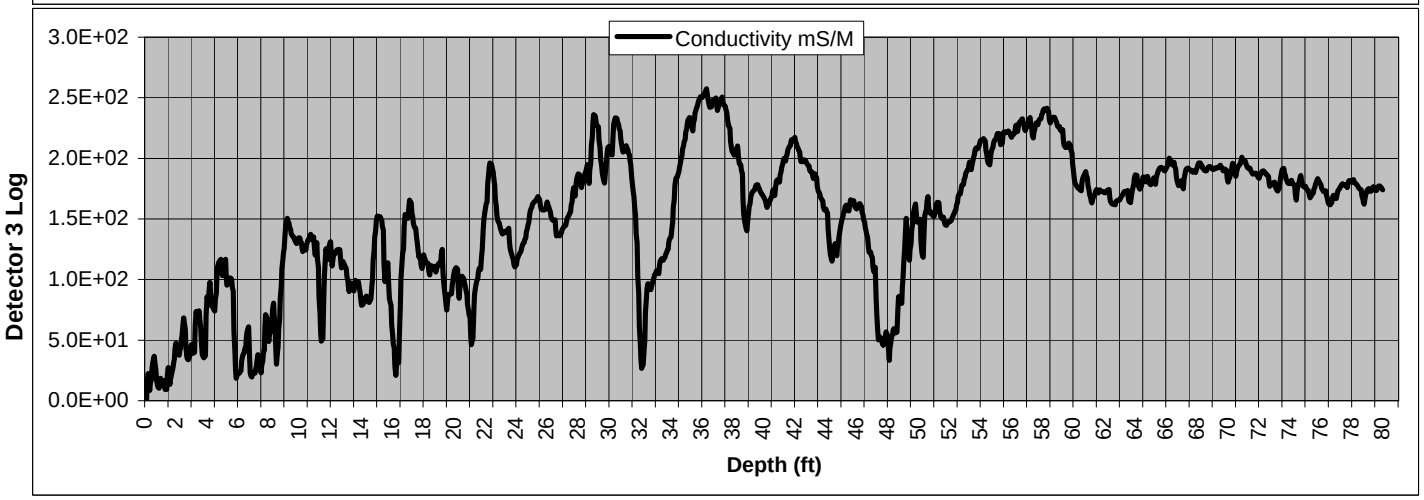




MIP Log Results by Boring - Detector Reading vs. Depth

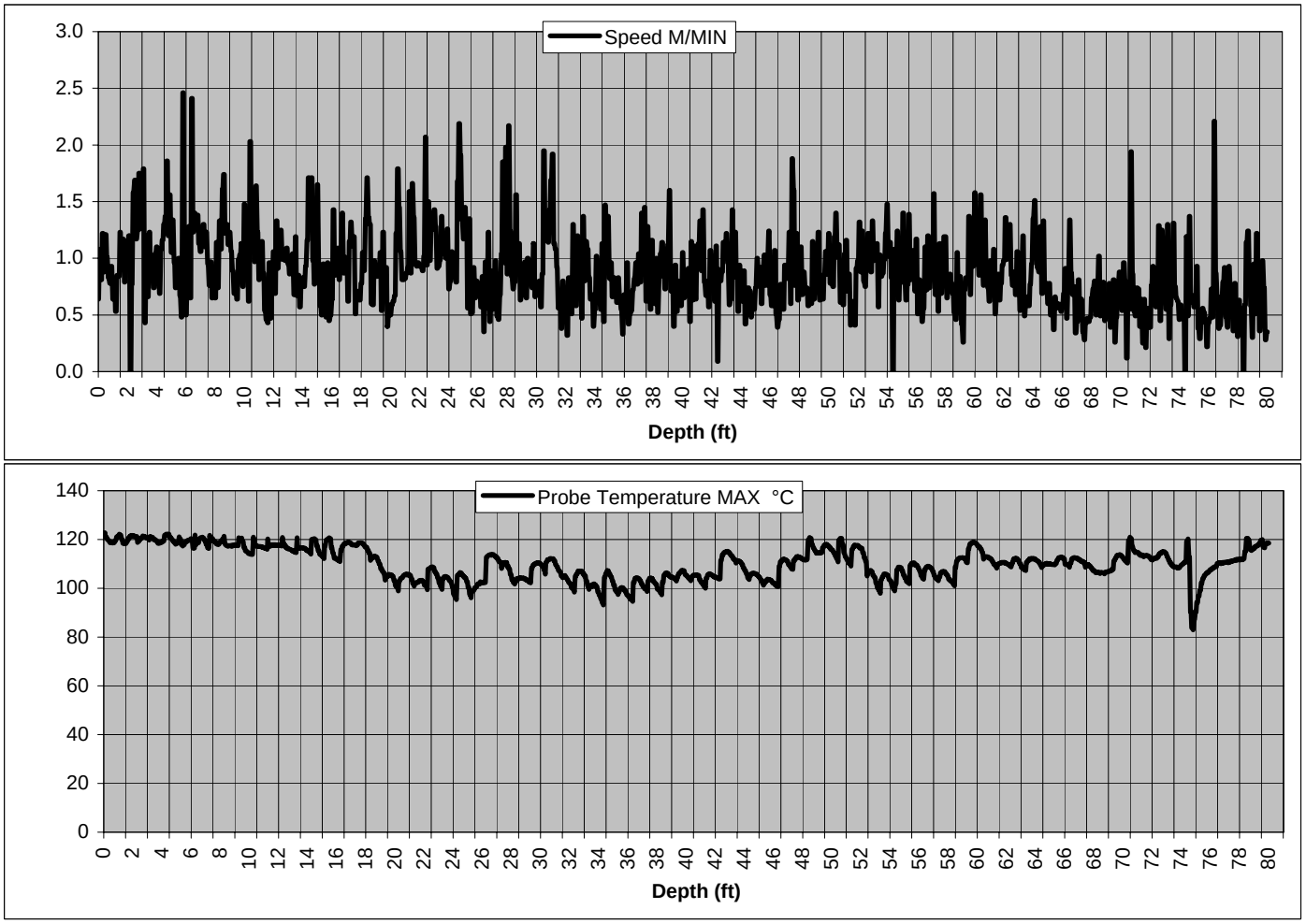
Client:	0	Boring I.D.:	MIP-1	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 26 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	12:08		





MIP Log Results by Boring - Detector Reading vs. Depth

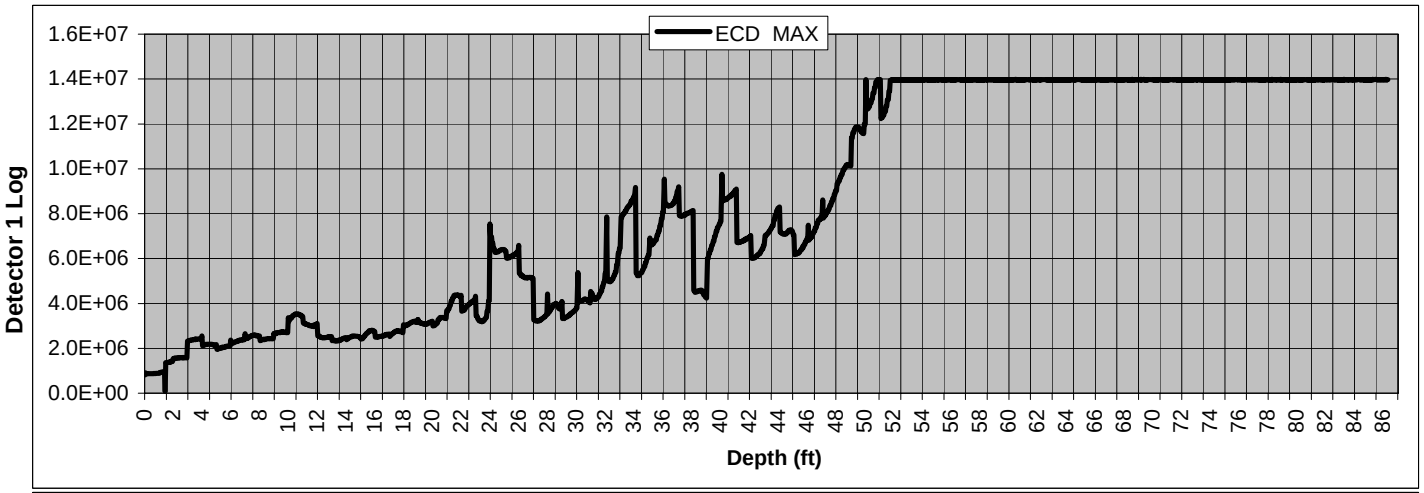
Client:	0	Boring I.D.:	MIP-1	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 26 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	12:08		

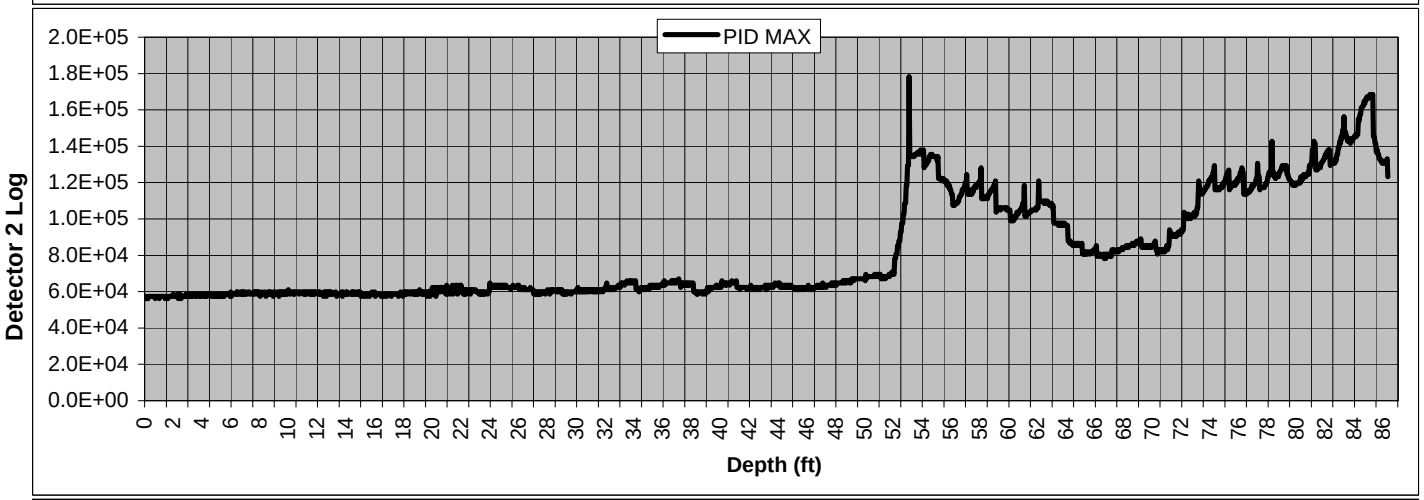


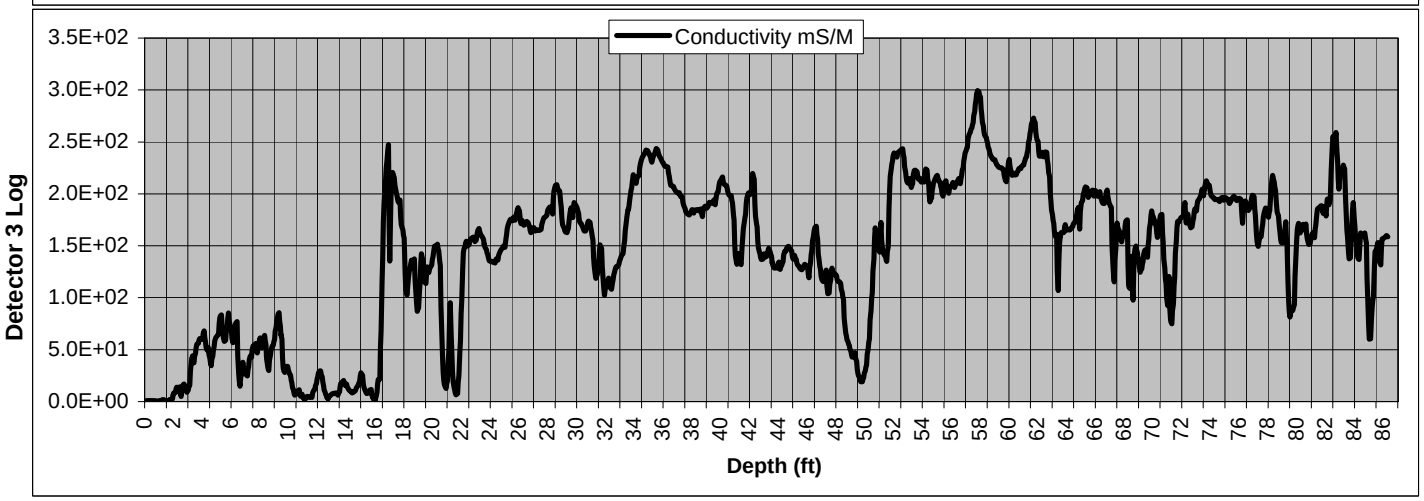
Explanation: Rod broken during removal. MIP probe lost.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-2	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 27 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	14:35	Detector 3 :	Electrical Conductance (EC)

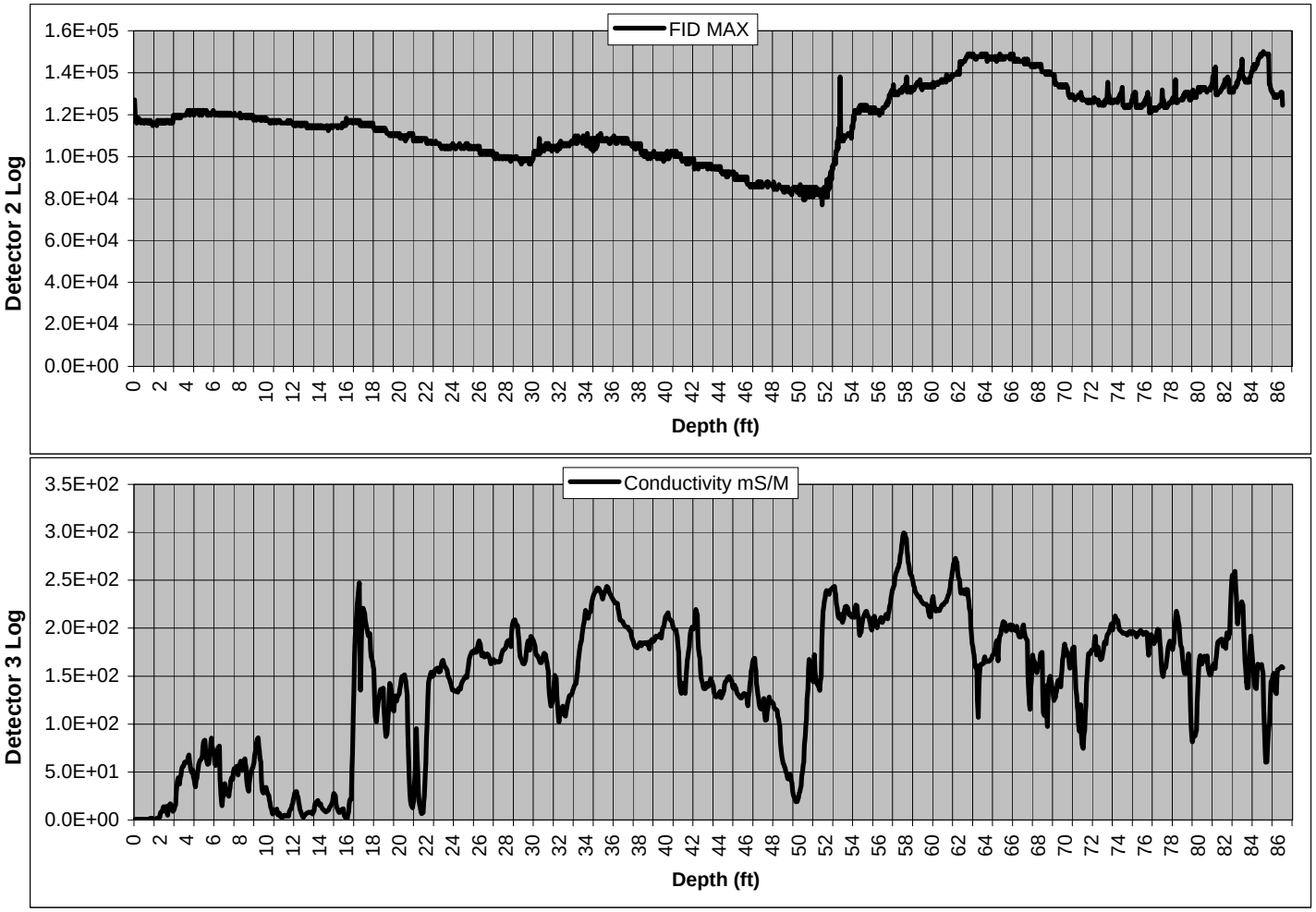






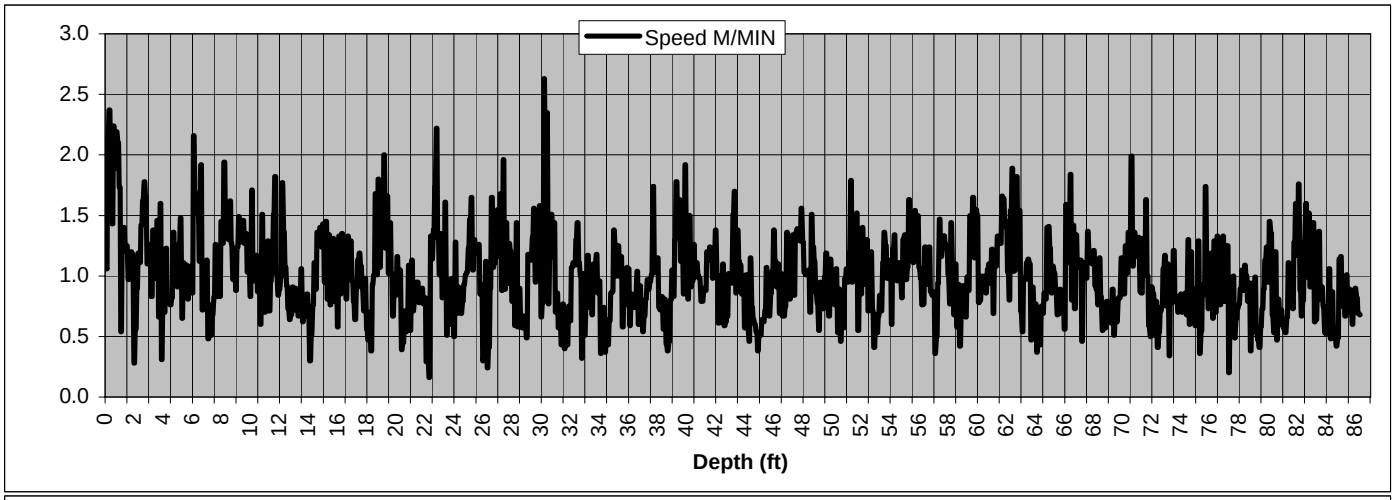
MIP Log Results by Boring - Detector Reading vs. Depth

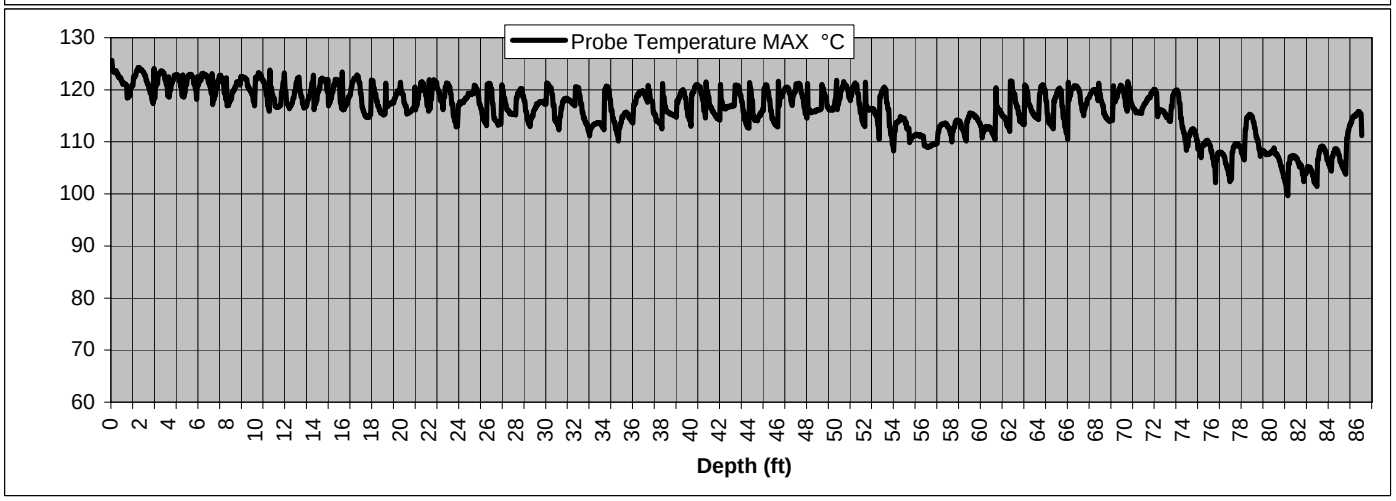
Client:	0	Boring I.D.:	MIP-2	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 27 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	14:35		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-2	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 27 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	14:35		

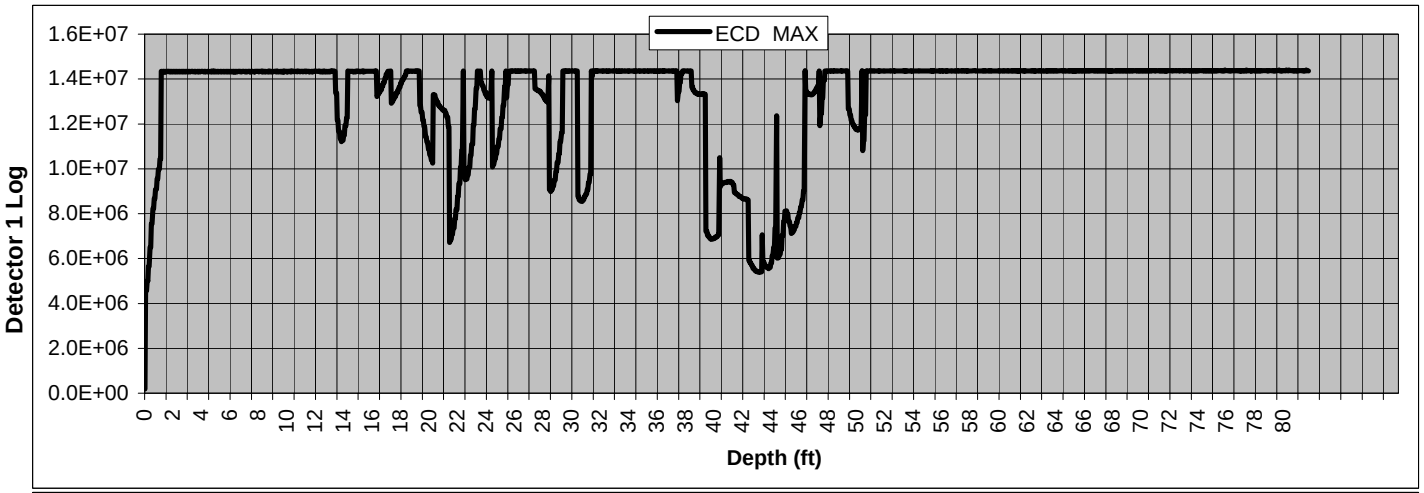


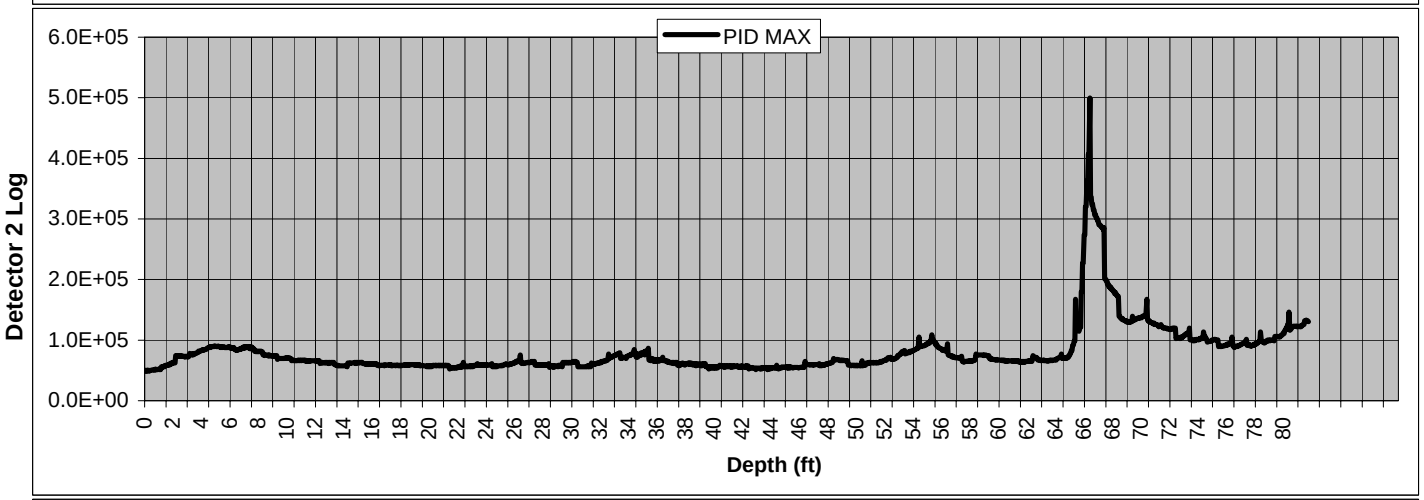


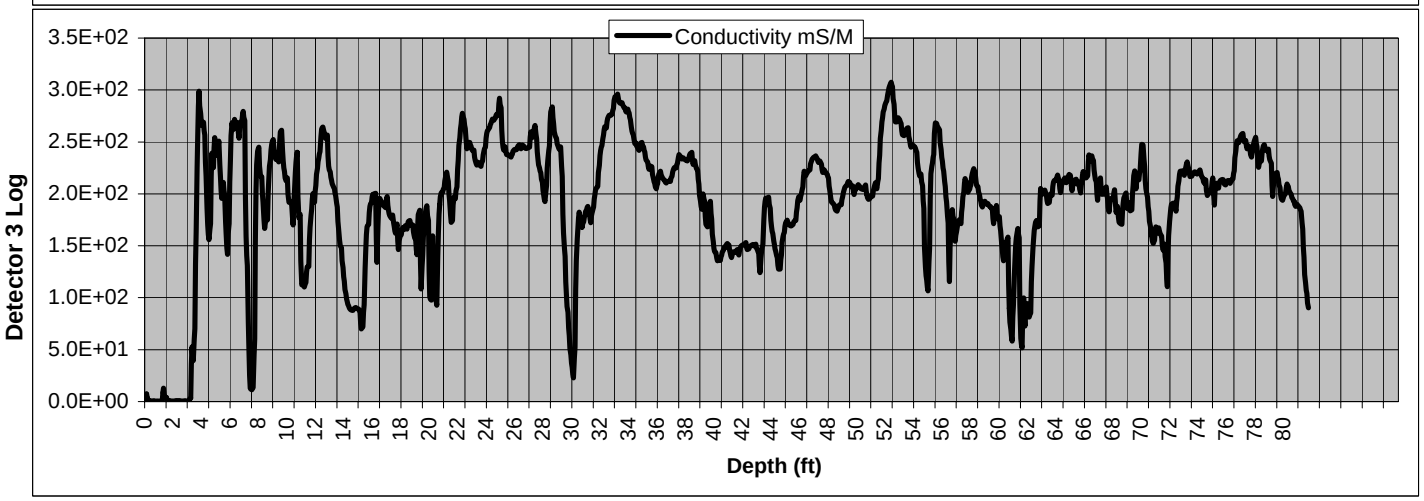
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-3	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 29 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	09:22	Detector 3 :	Electrical Conductance (EC)

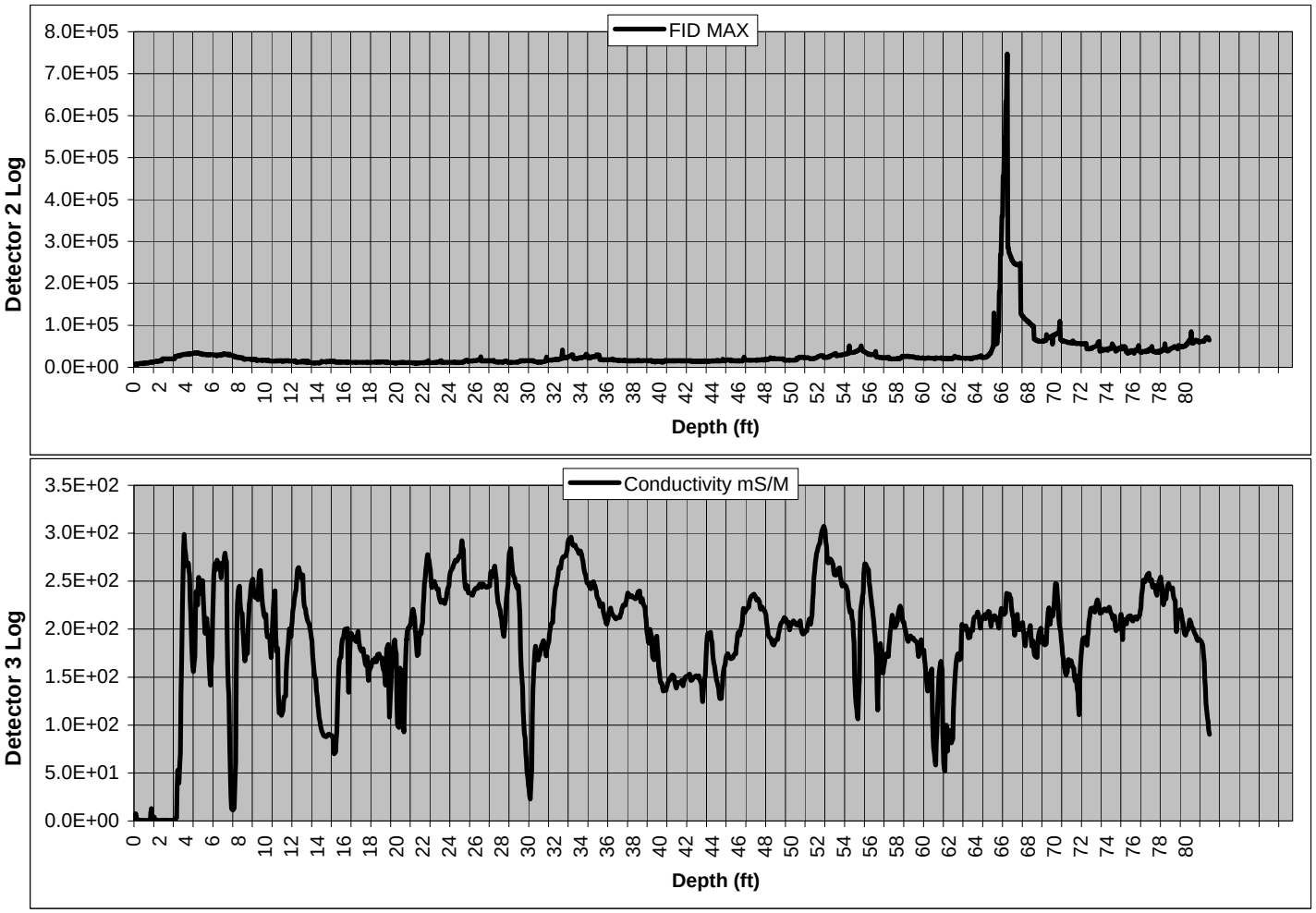






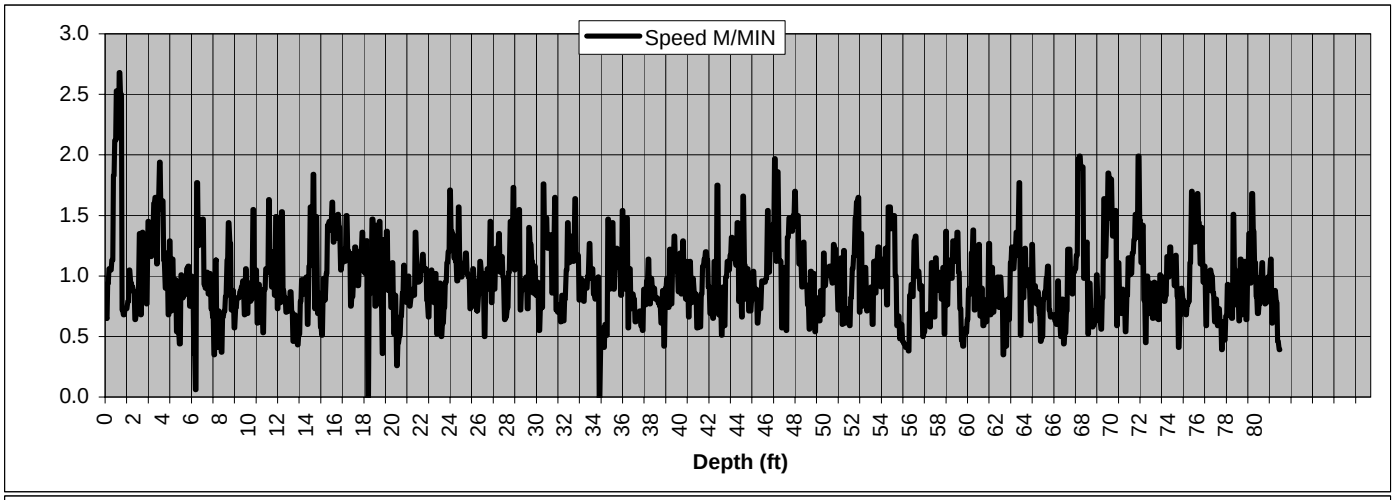
MIP Log Results by Boring - Detector Reading vs. Depth

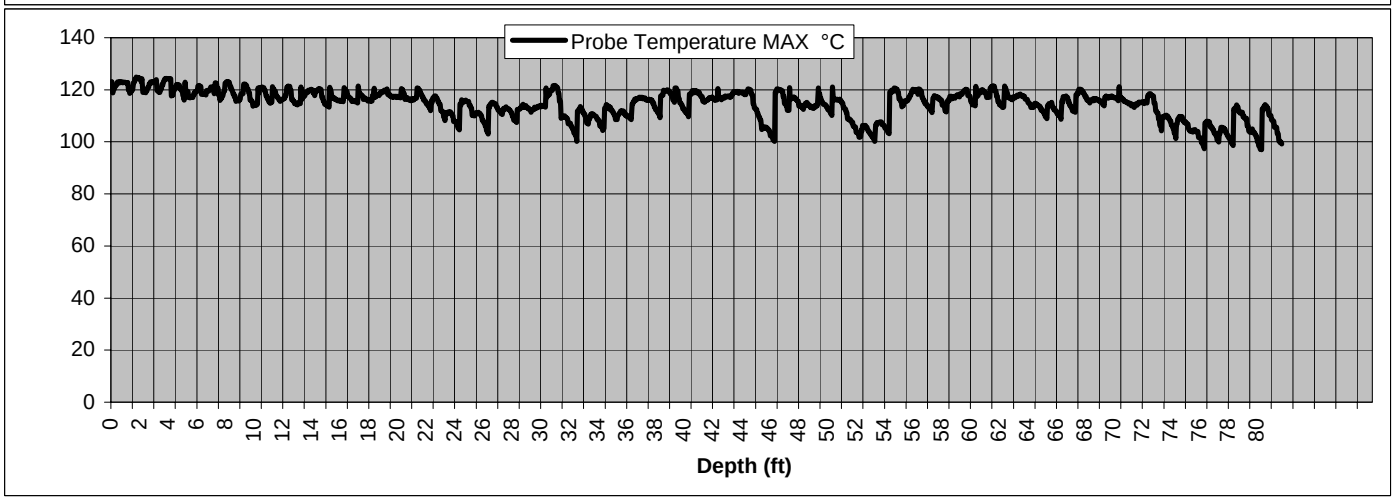
Client:	0	Boring I.D.:	MIP-3	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 29 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	09:22		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-3	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 29 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	09:22		

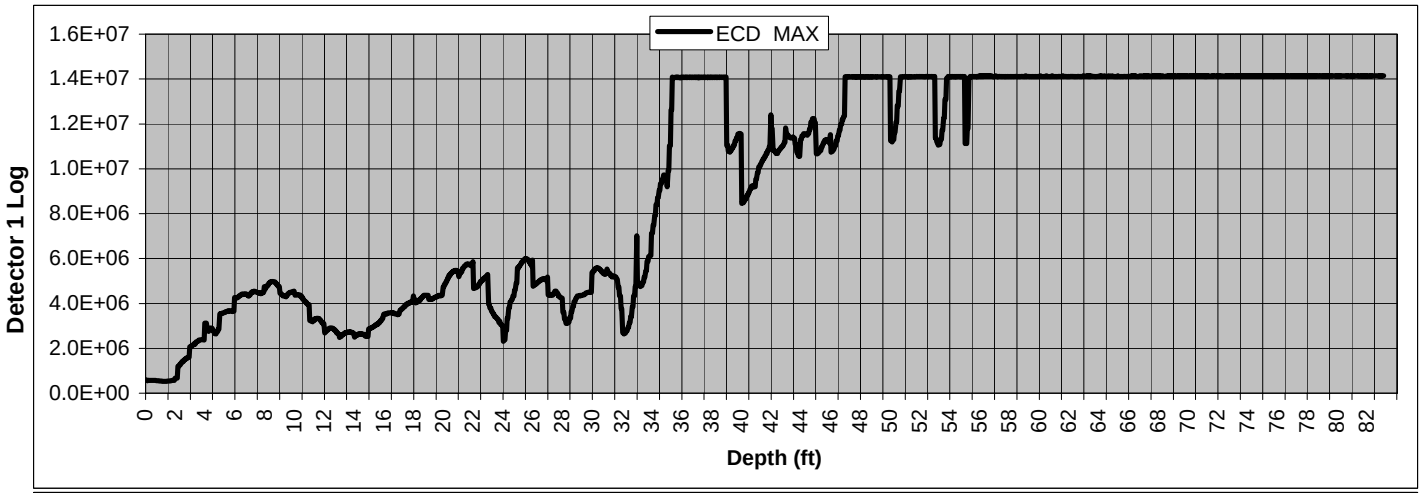


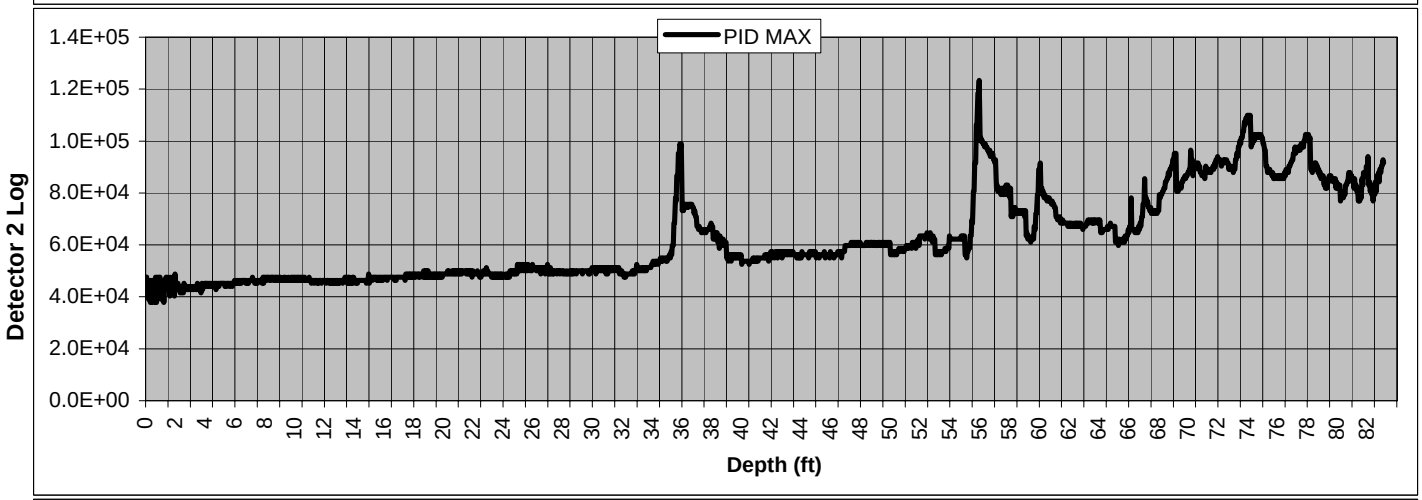


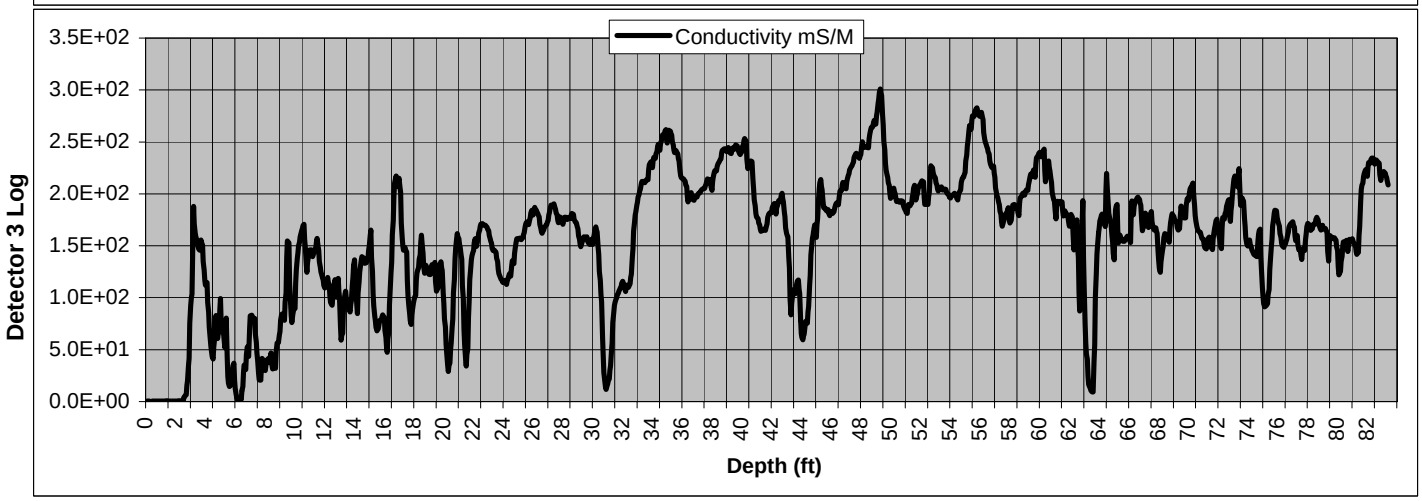
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-4	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	06:32	Detector 3 :	Electrical Conductance (EC)

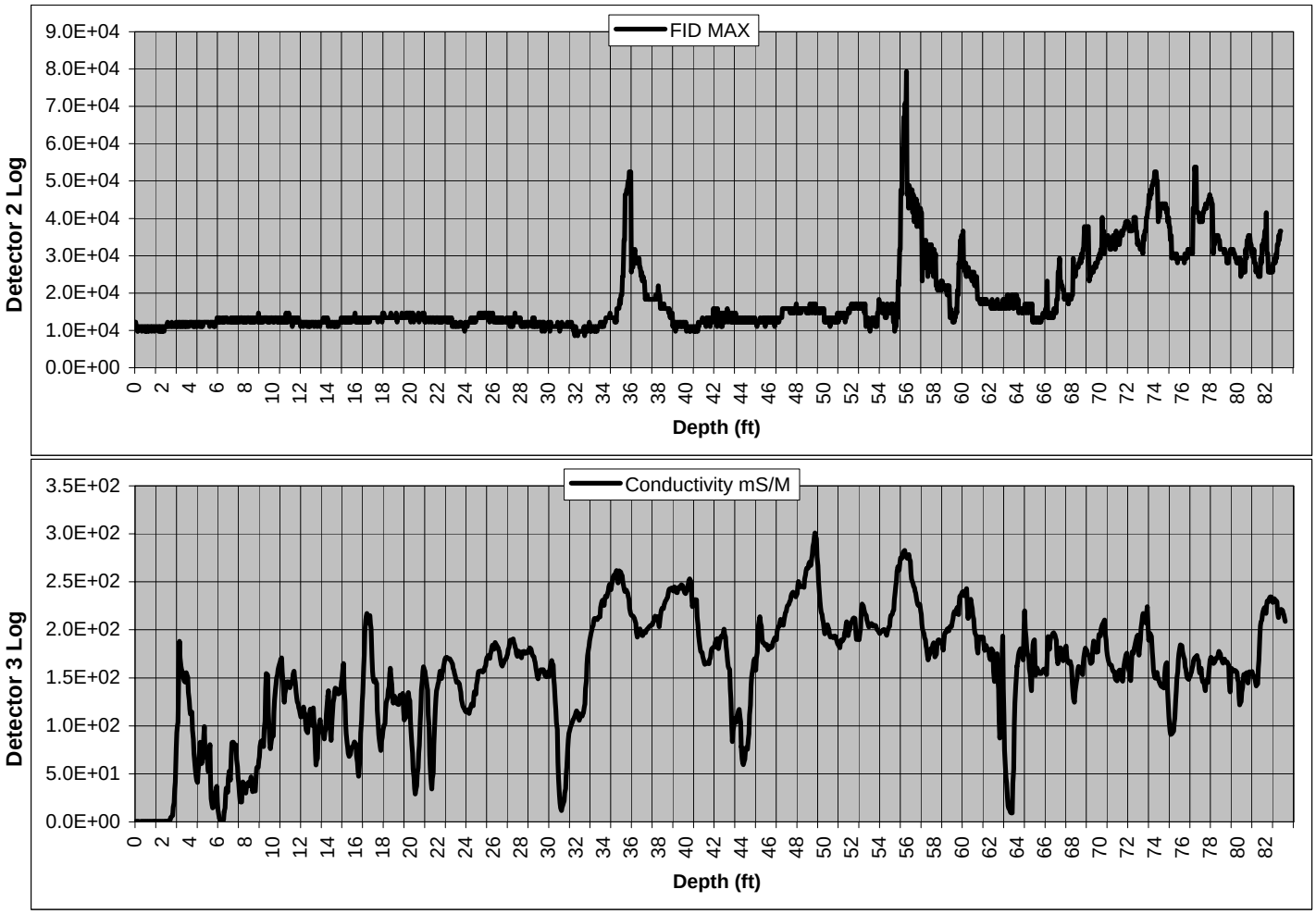






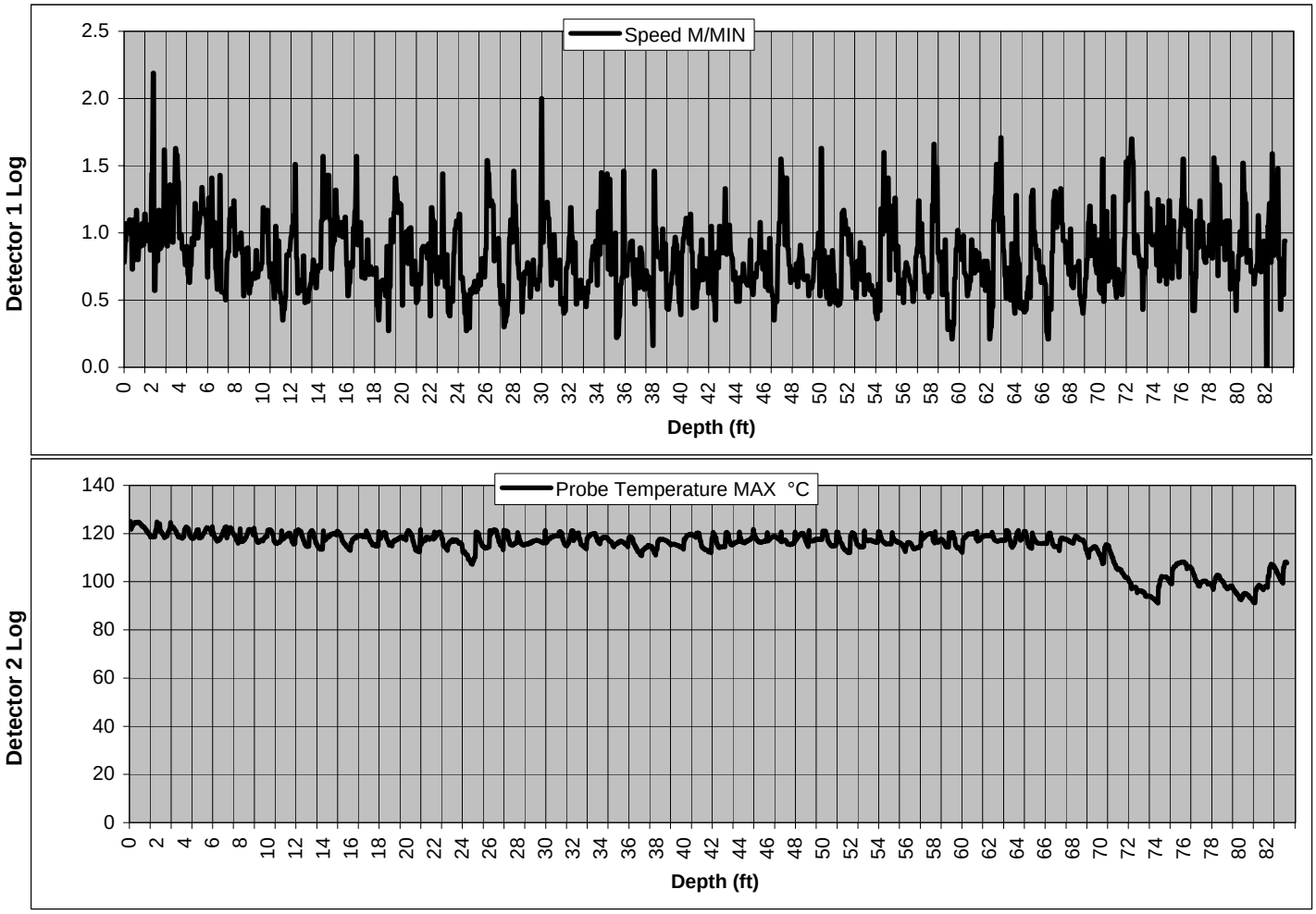
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-4	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	06:32		



MIP Log Results by Boring - Detector Reading vs. Depth

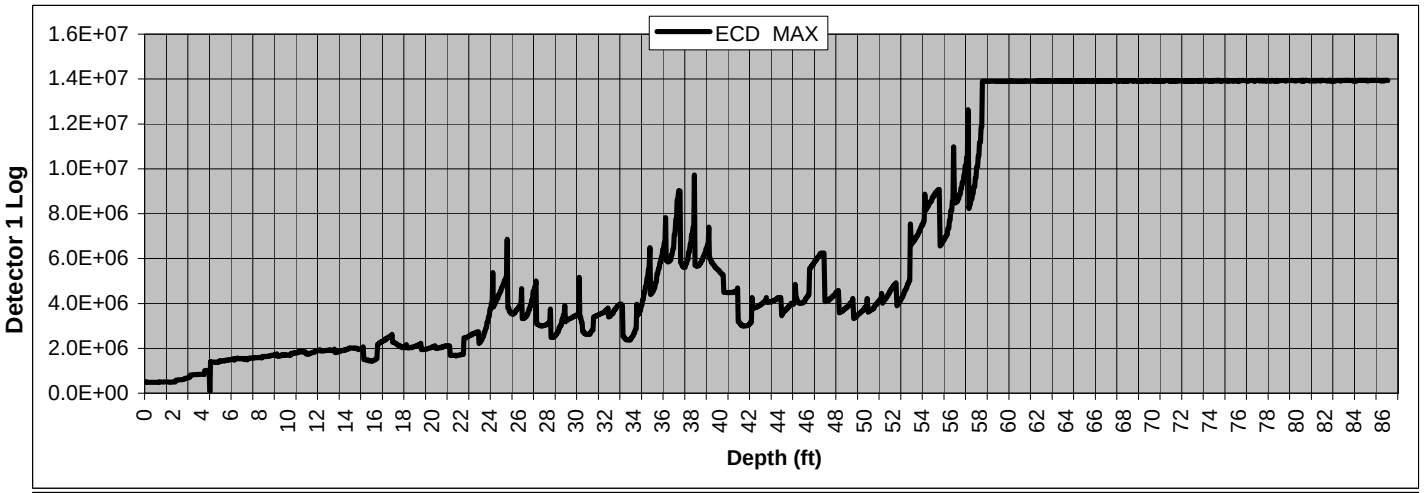
Client:	0	Boring I.D.:	MIP-4	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	06:32		

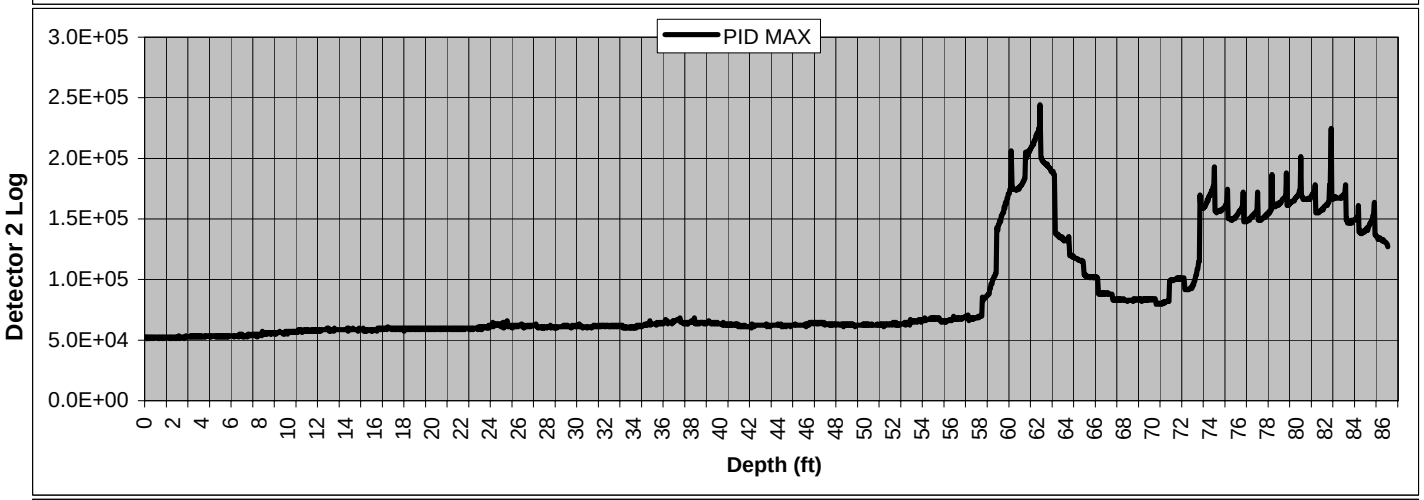


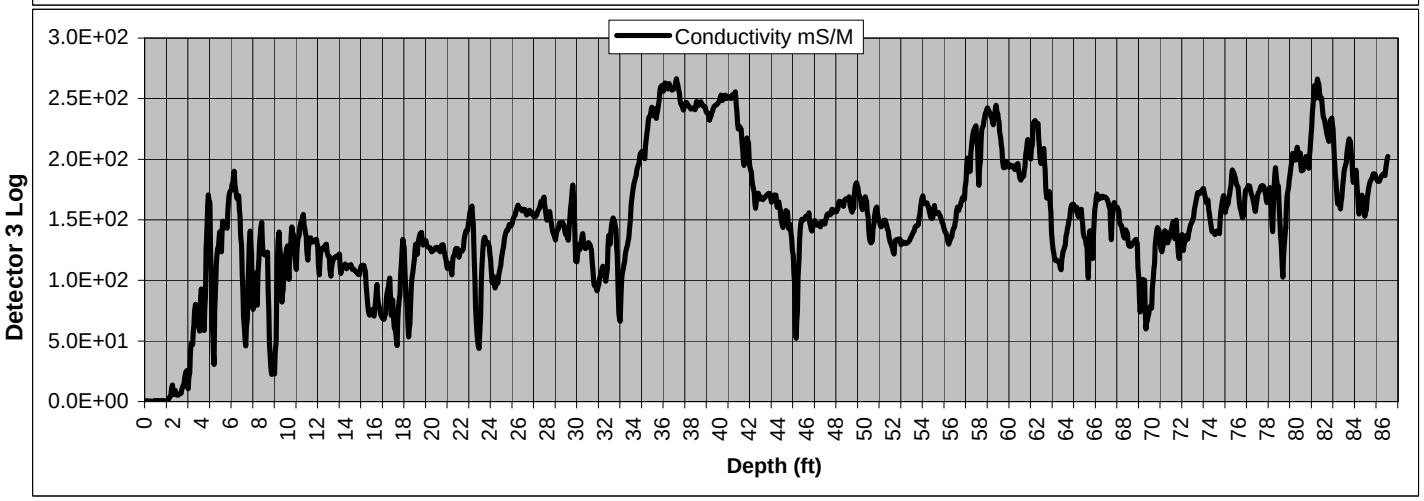
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-5	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 27 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	11:13	Detector 3 :	Electrical Conductance (EC)

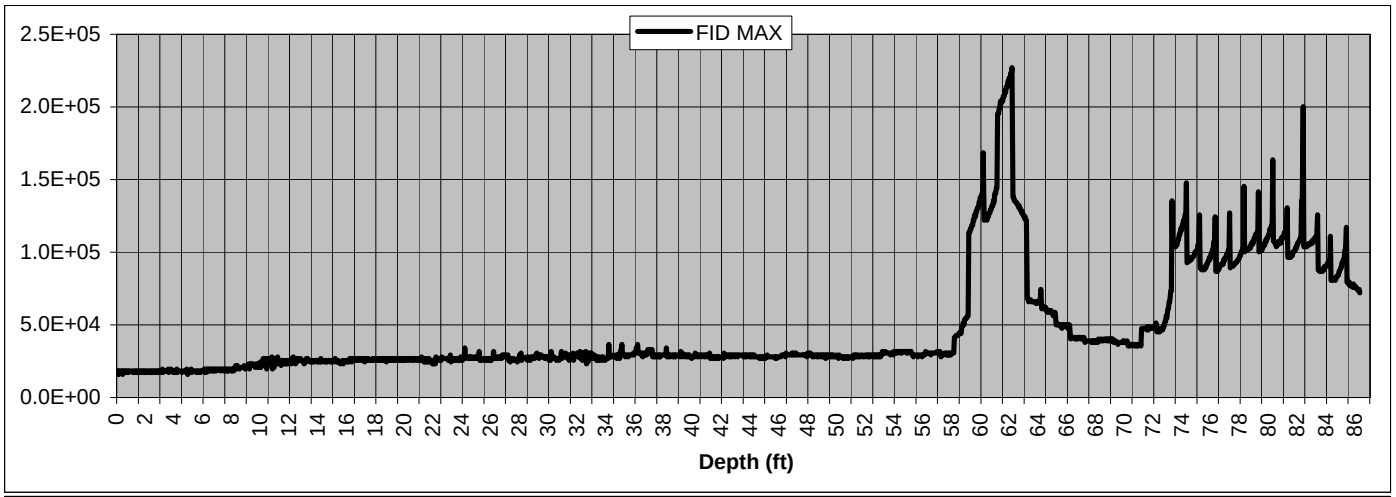


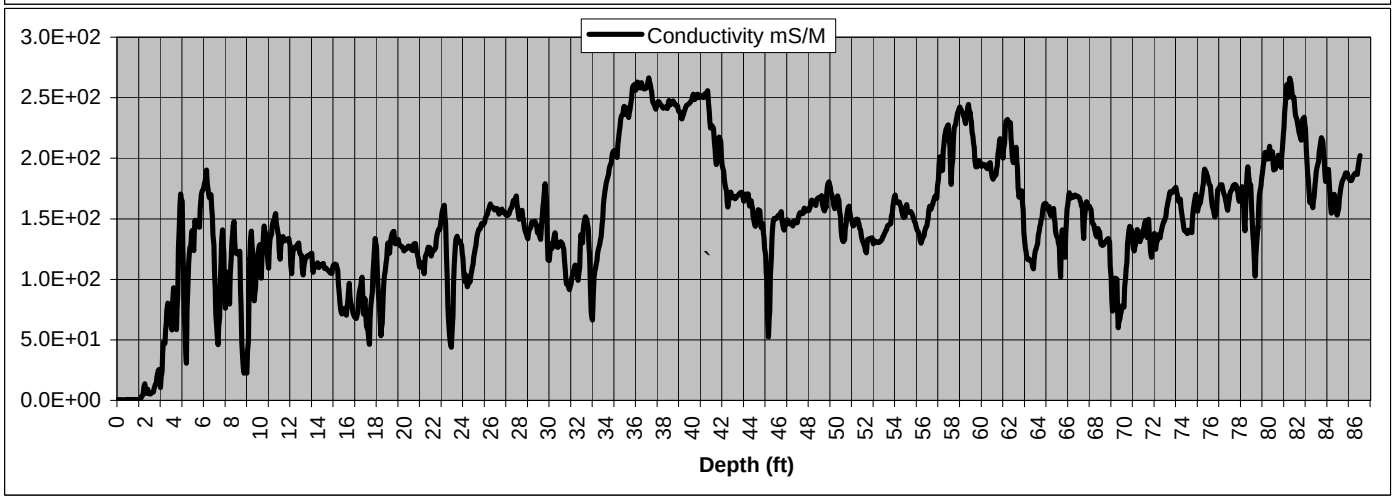




MIP Log Results by Boring - Detector Reading vs. Depth

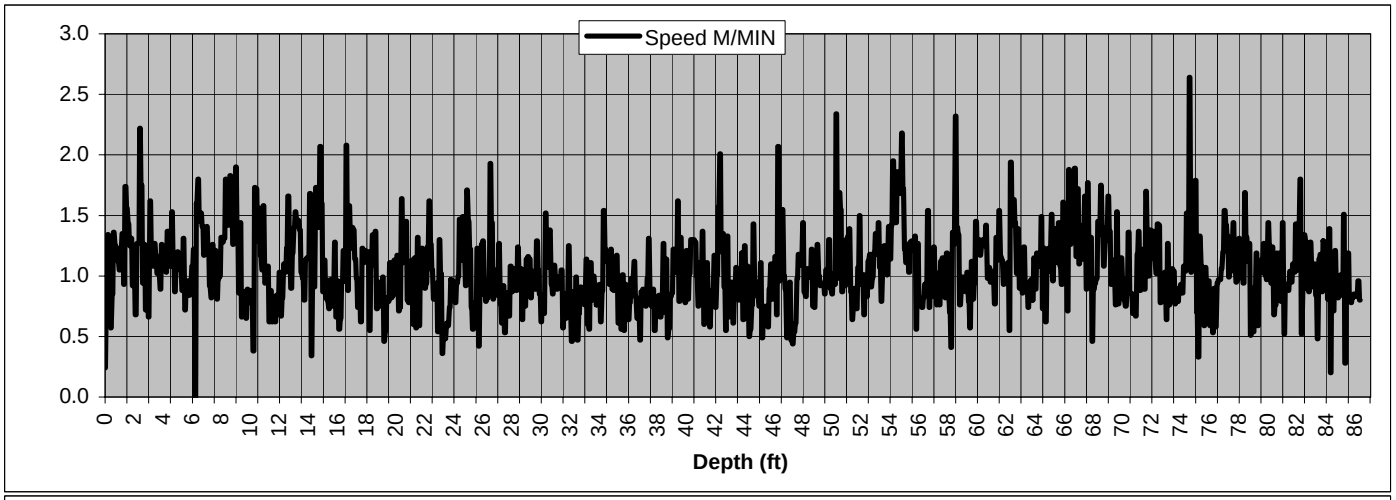
Client:	CDM	Boring I.D.:	MIP-5	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 27 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	11:13		

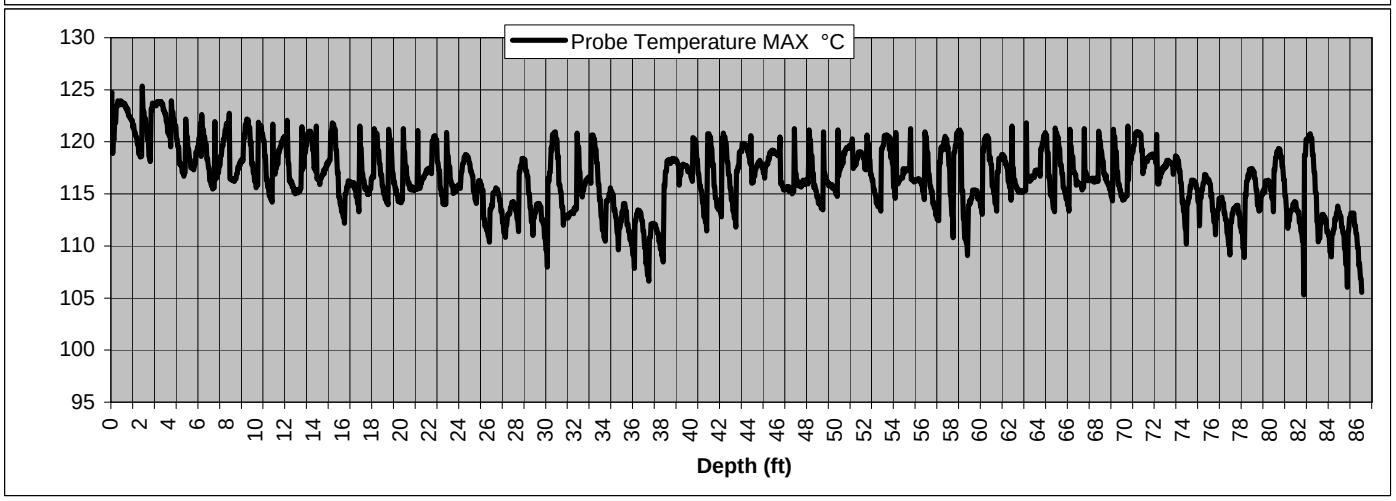




MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-5	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 27 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	11:13		

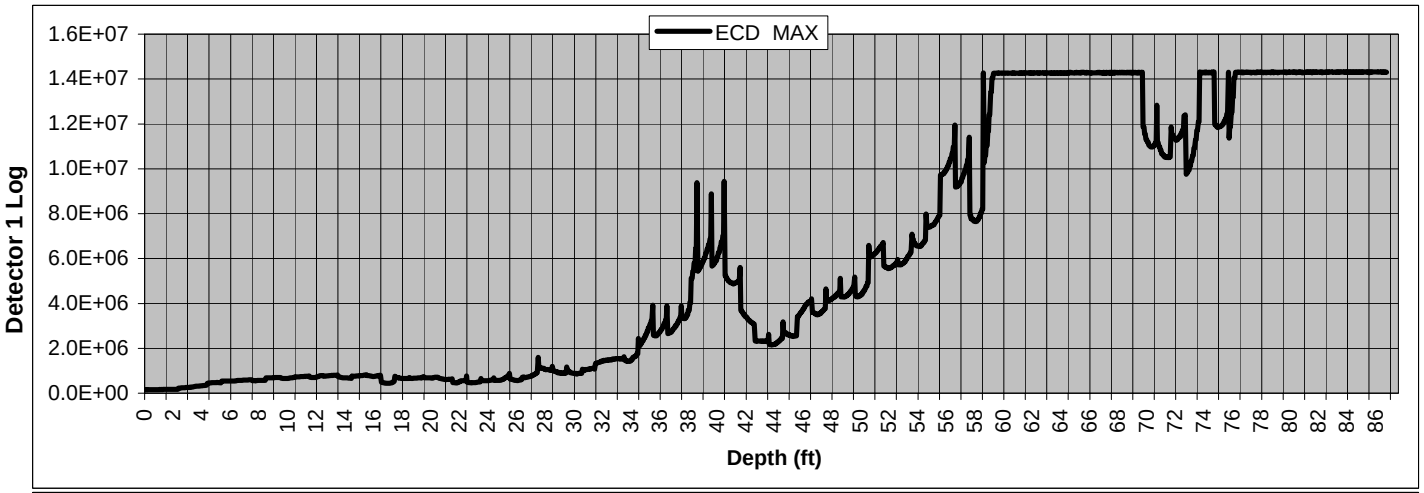


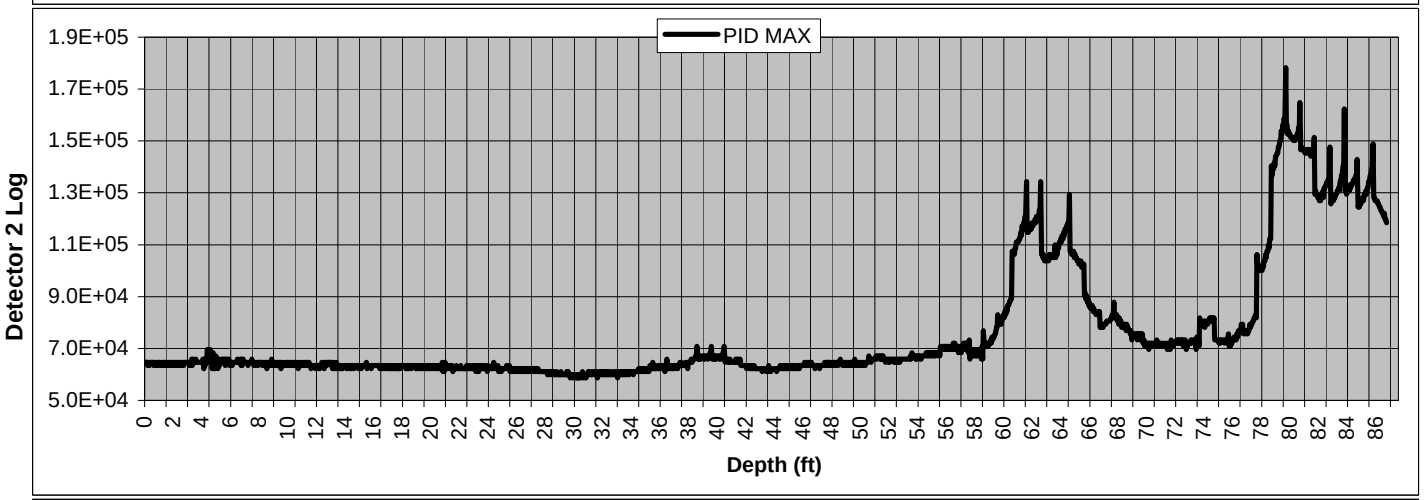


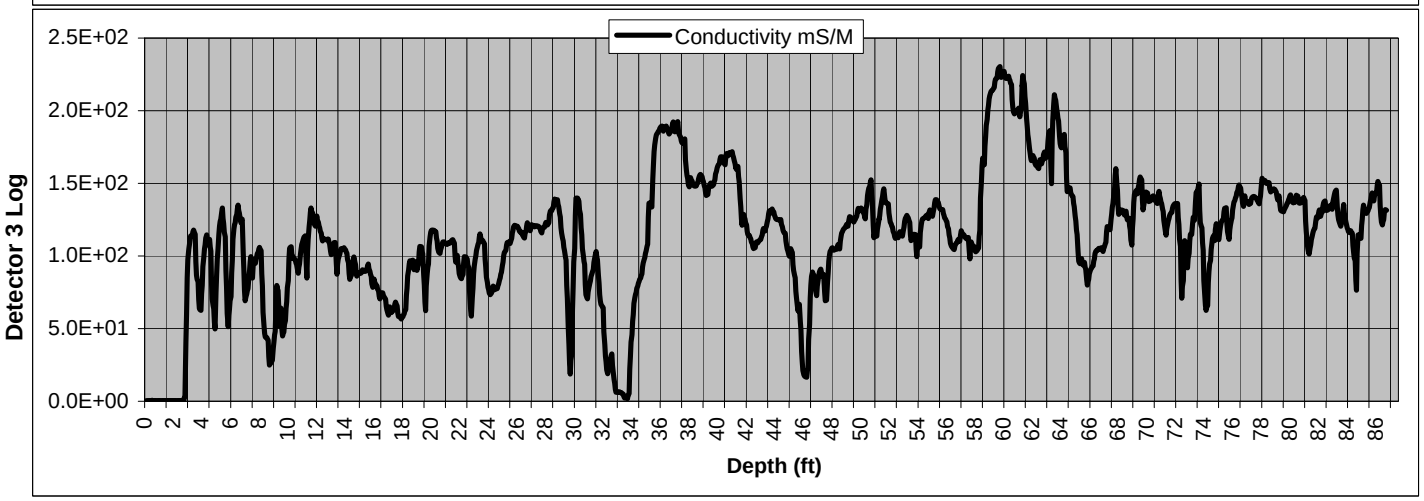
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	0	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 27 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	08:00	Detector 3 :	Electrical Conductance (EC)

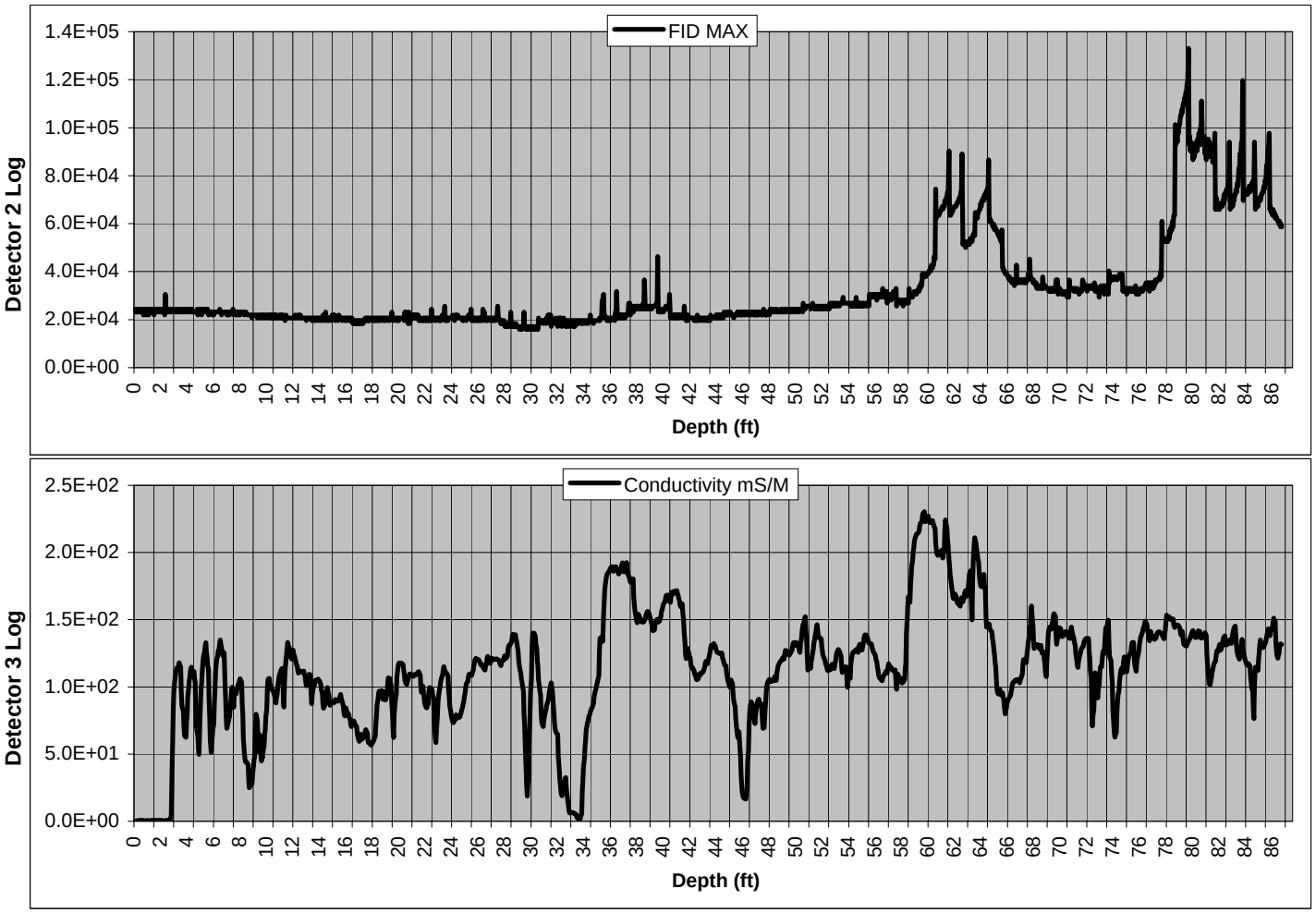






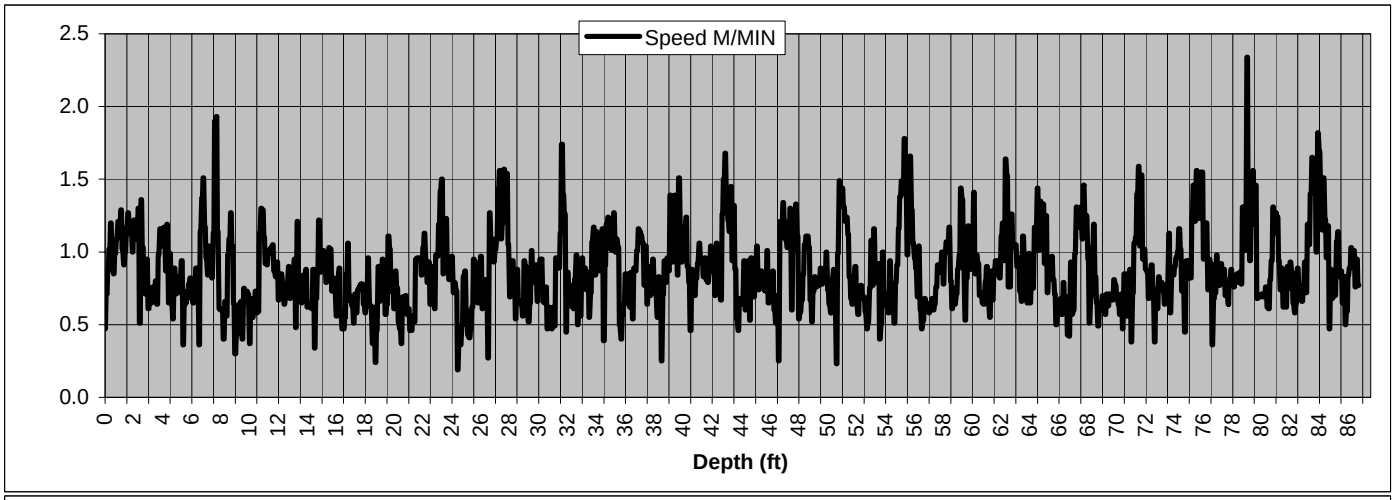
MIP Log Results by Boring - Detector Reading vs. Depth

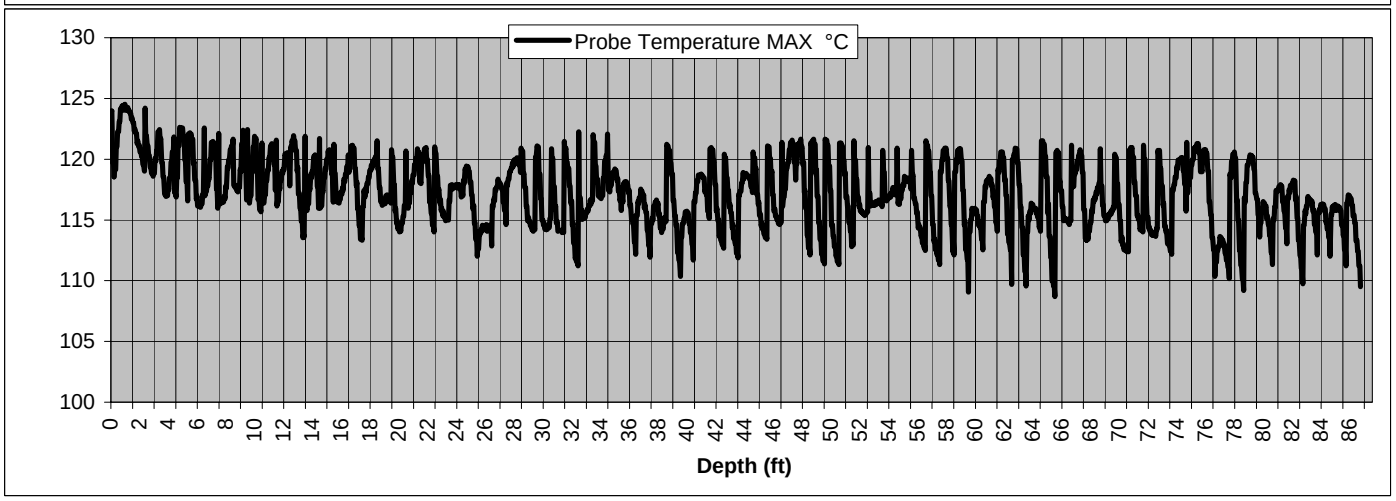
Client:	0	Boring I.D.:	0	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 27 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	08:00		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	0	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 27 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	08:00		

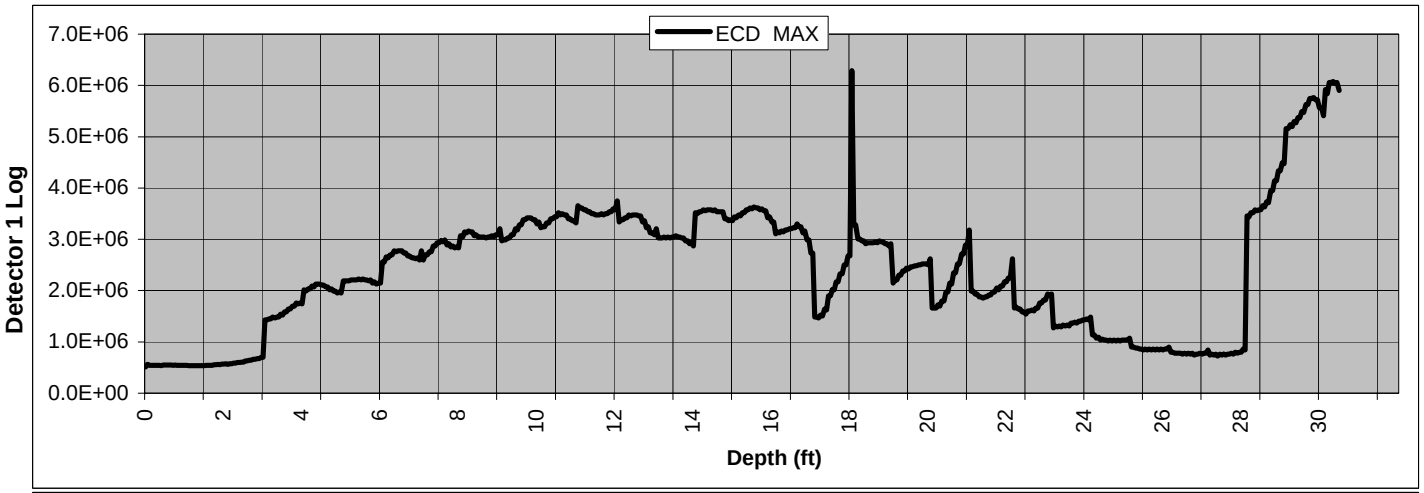


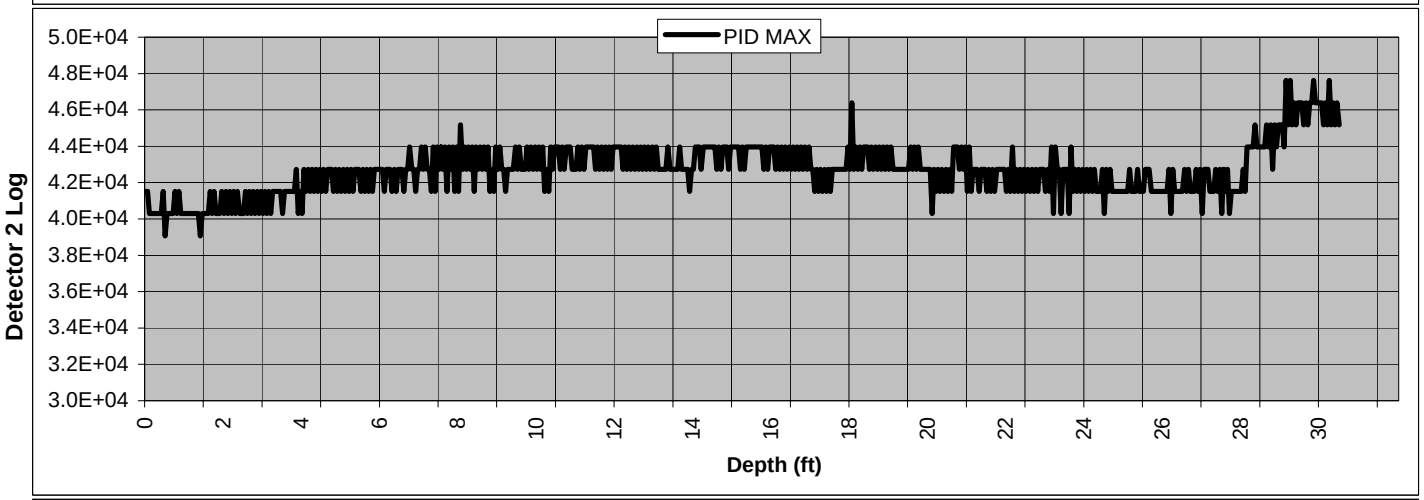


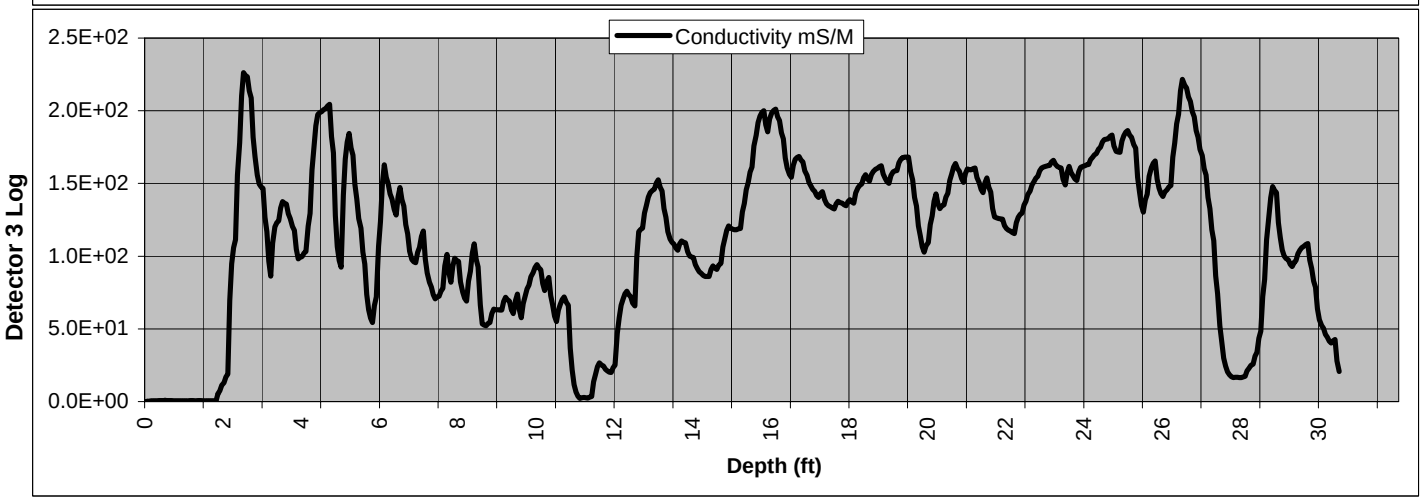
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-7	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	14:03	Detector 3 :	Electrical Conductance (EC)

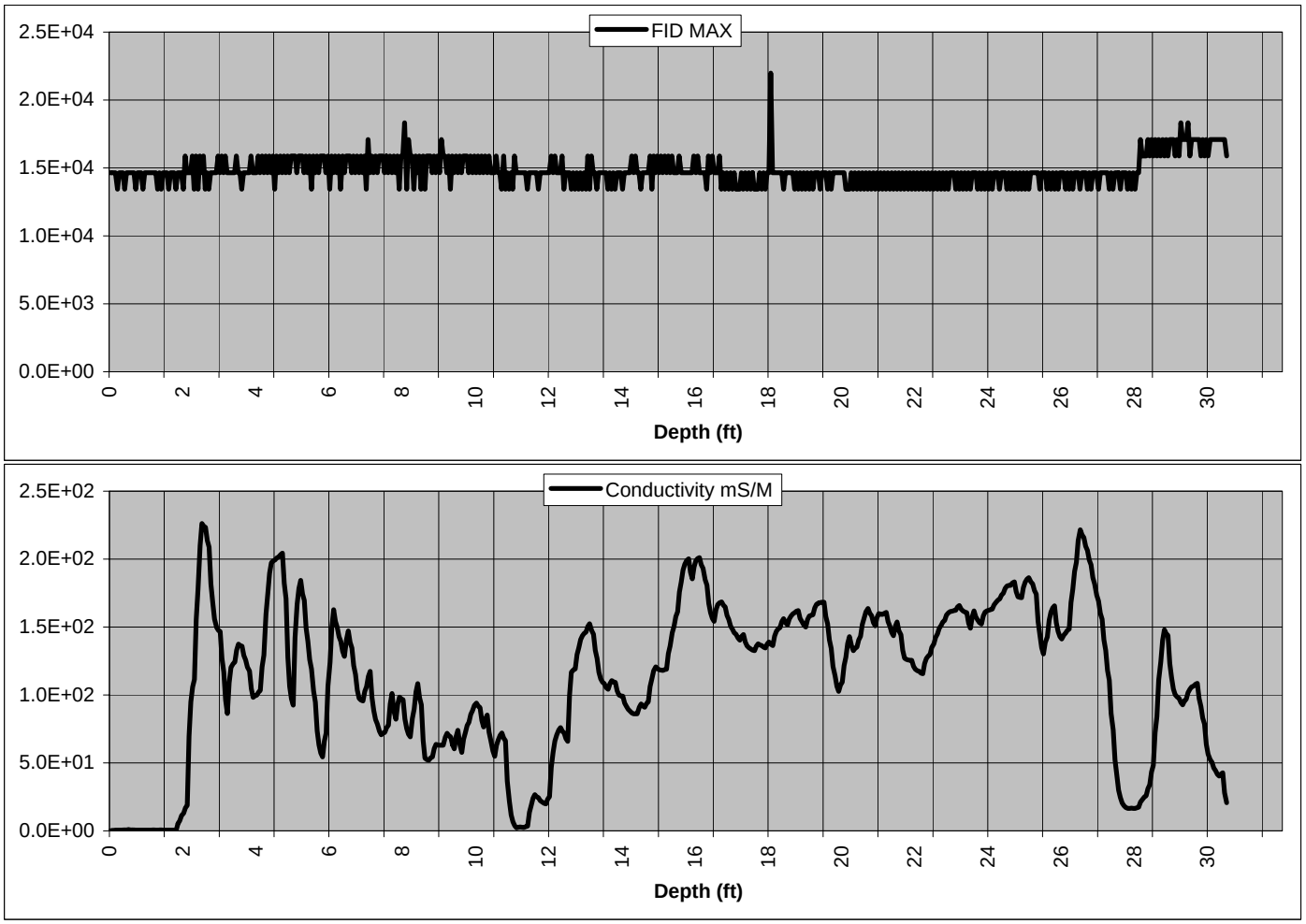






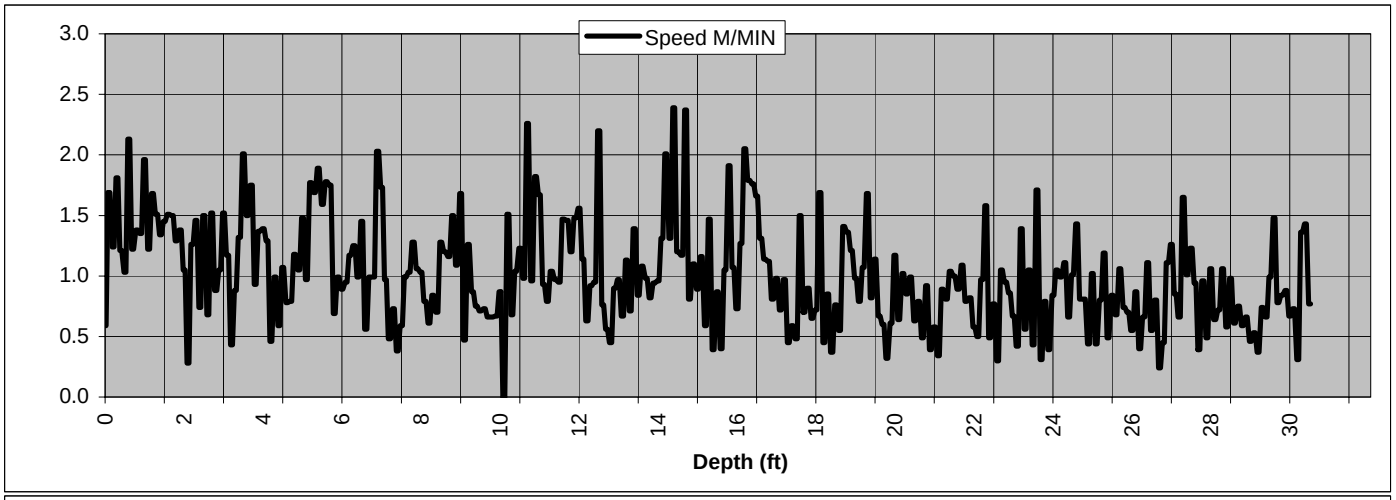
MIP Log Results by Boring - Detector Reading vs. Depth

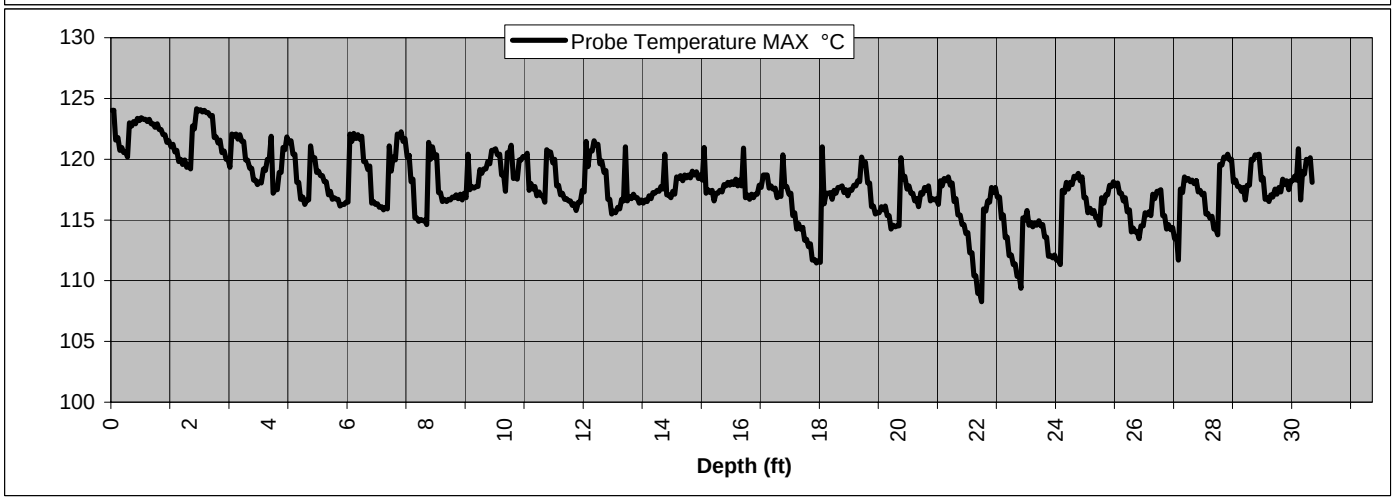
Client:	0	Boring I.D.:	MIP-7	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	14:03		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-7	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	14:03		

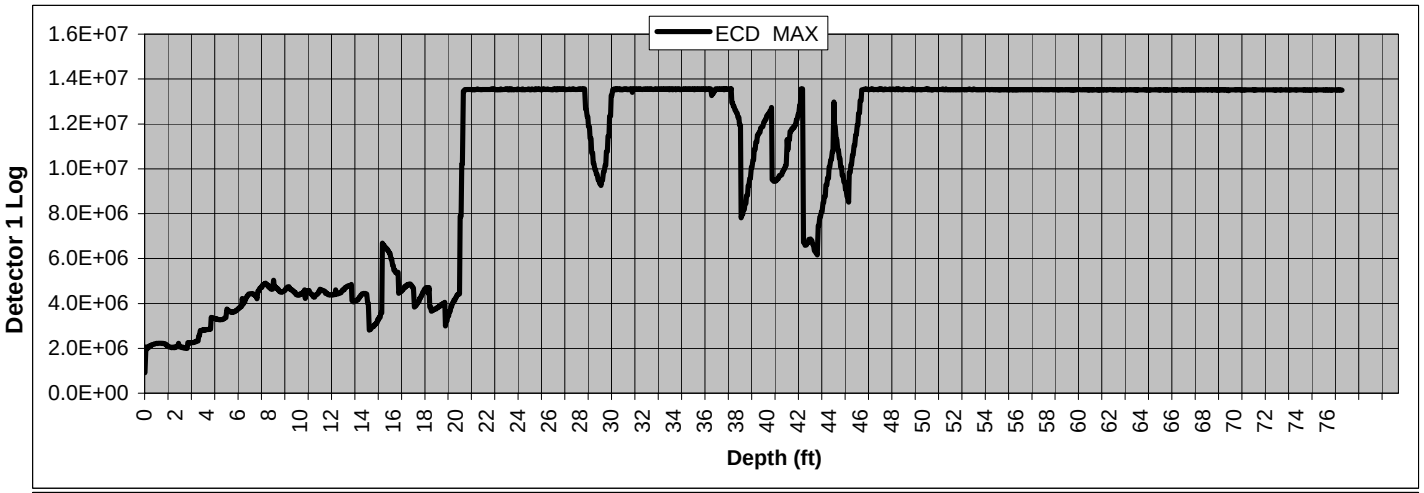


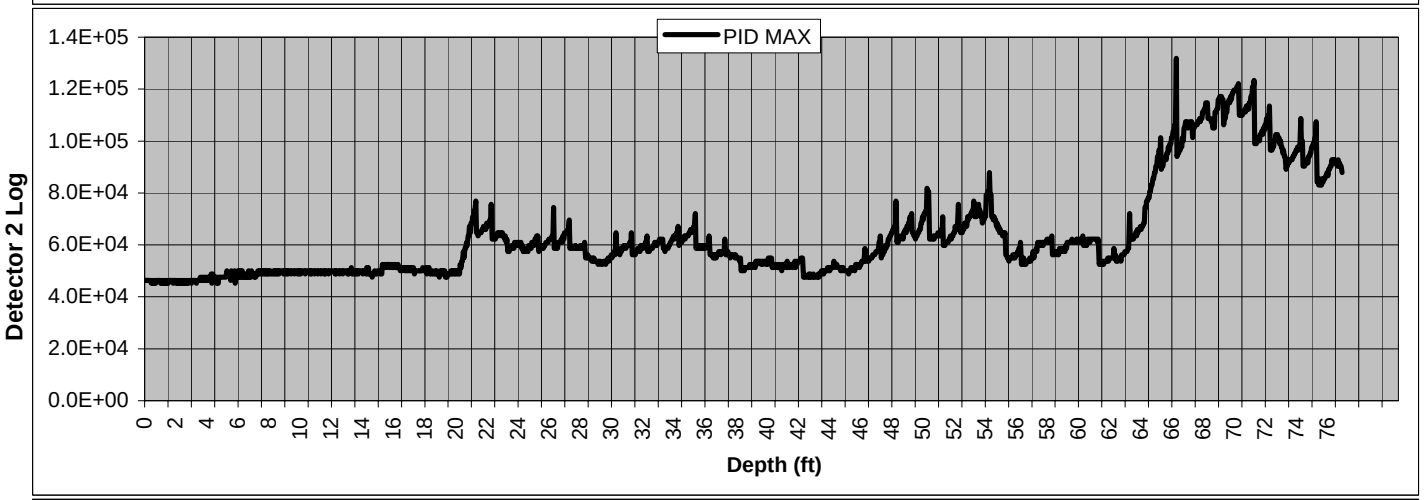


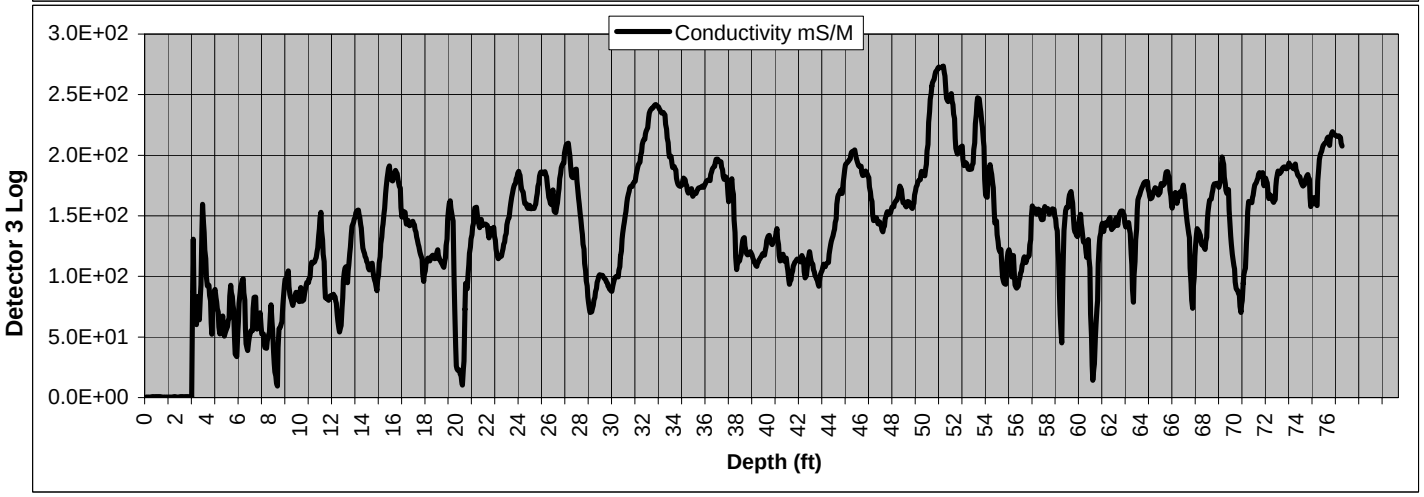
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-8	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 29 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	14:18	Detector 3 :	Electrical Conductance (EC)

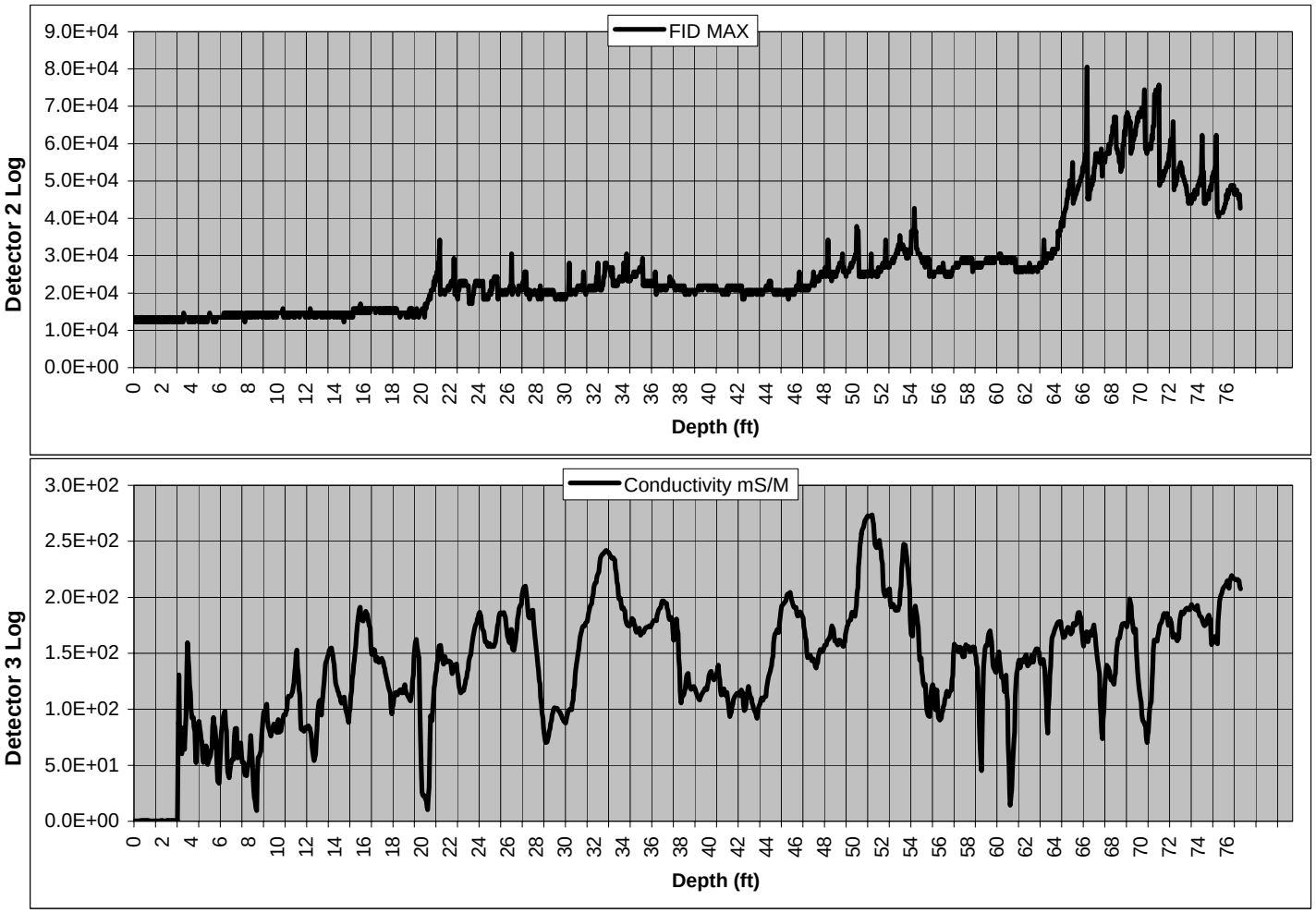






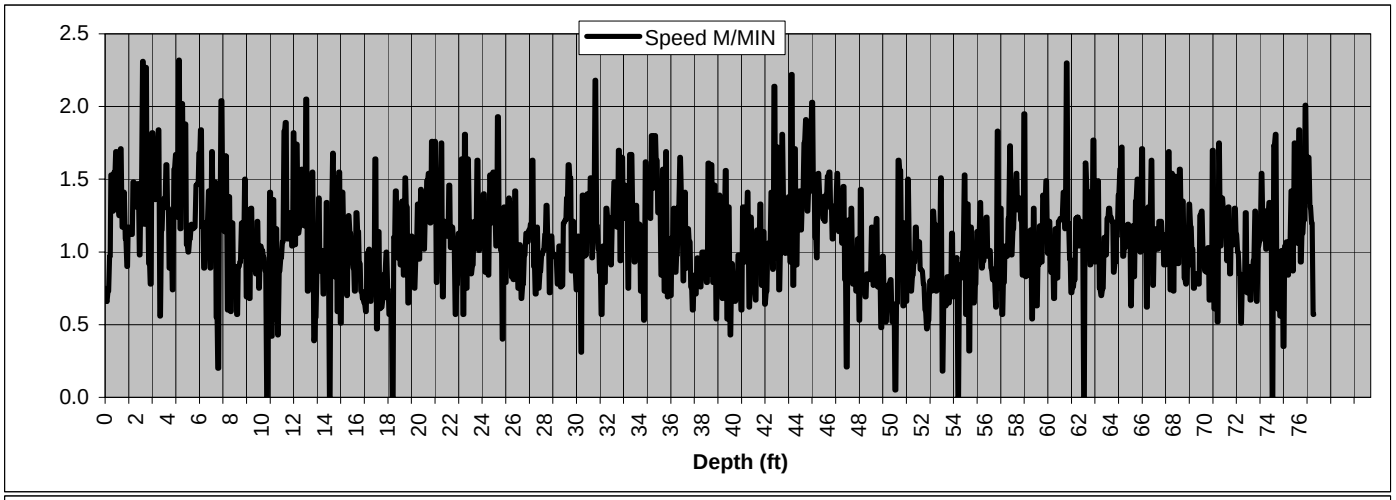
MIP Log Results by Boring - Detector Reading vs. Depth

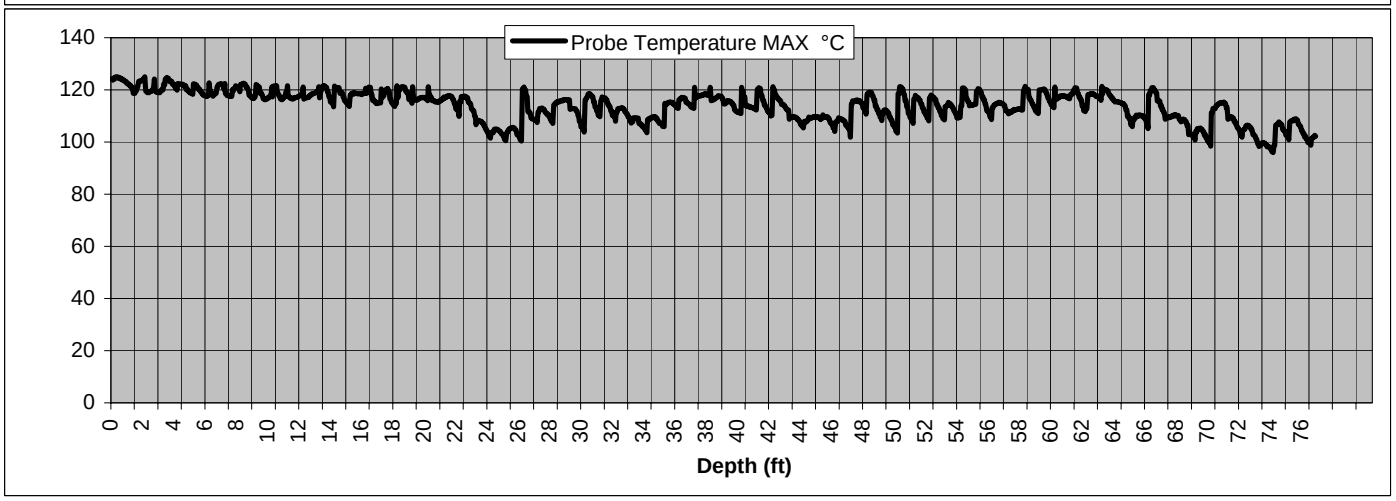
Client:	0	Boring I.D.:	MIP-8	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 29 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	14:18		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-8	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 29 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	14:18		

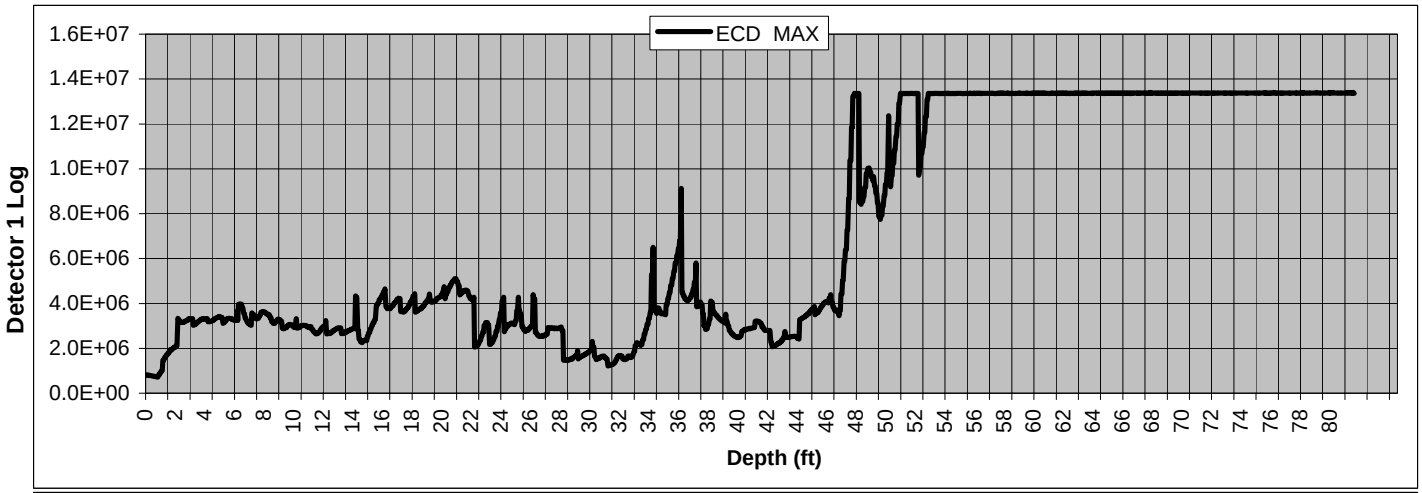


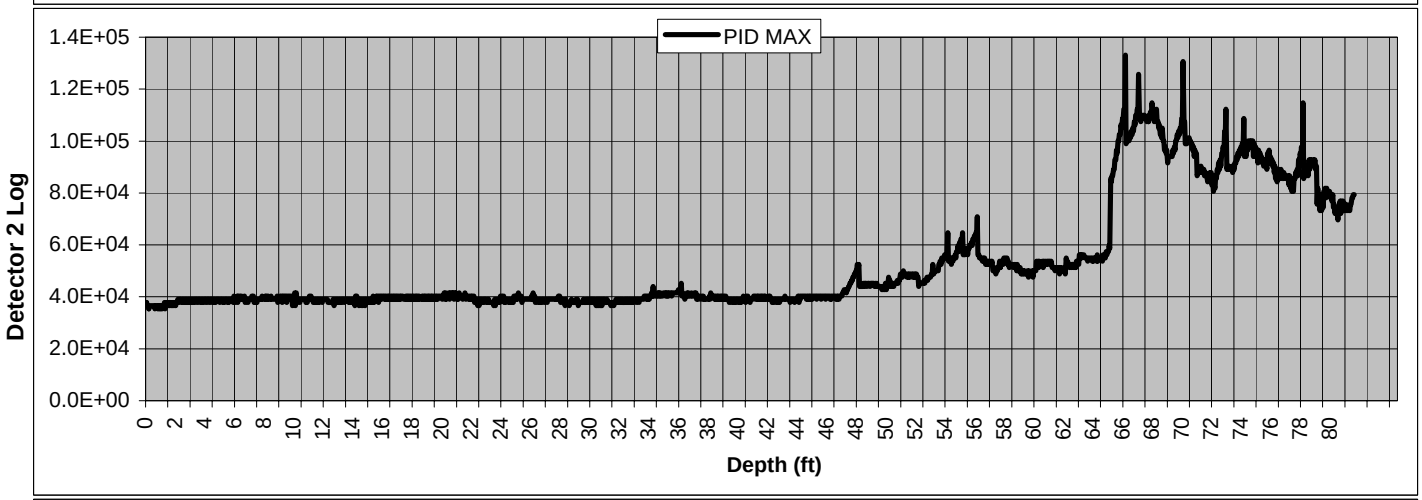


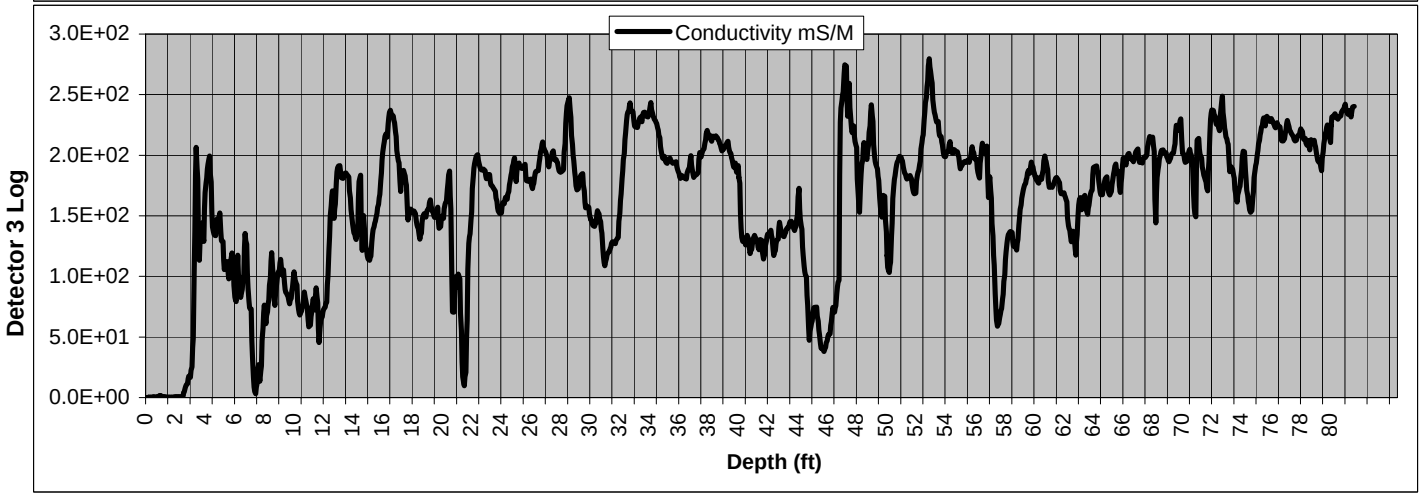
Explanation: Refusal at 76.9 feet

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-9	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	09:08	Detector 3 :	Electrical Conductance (EC)

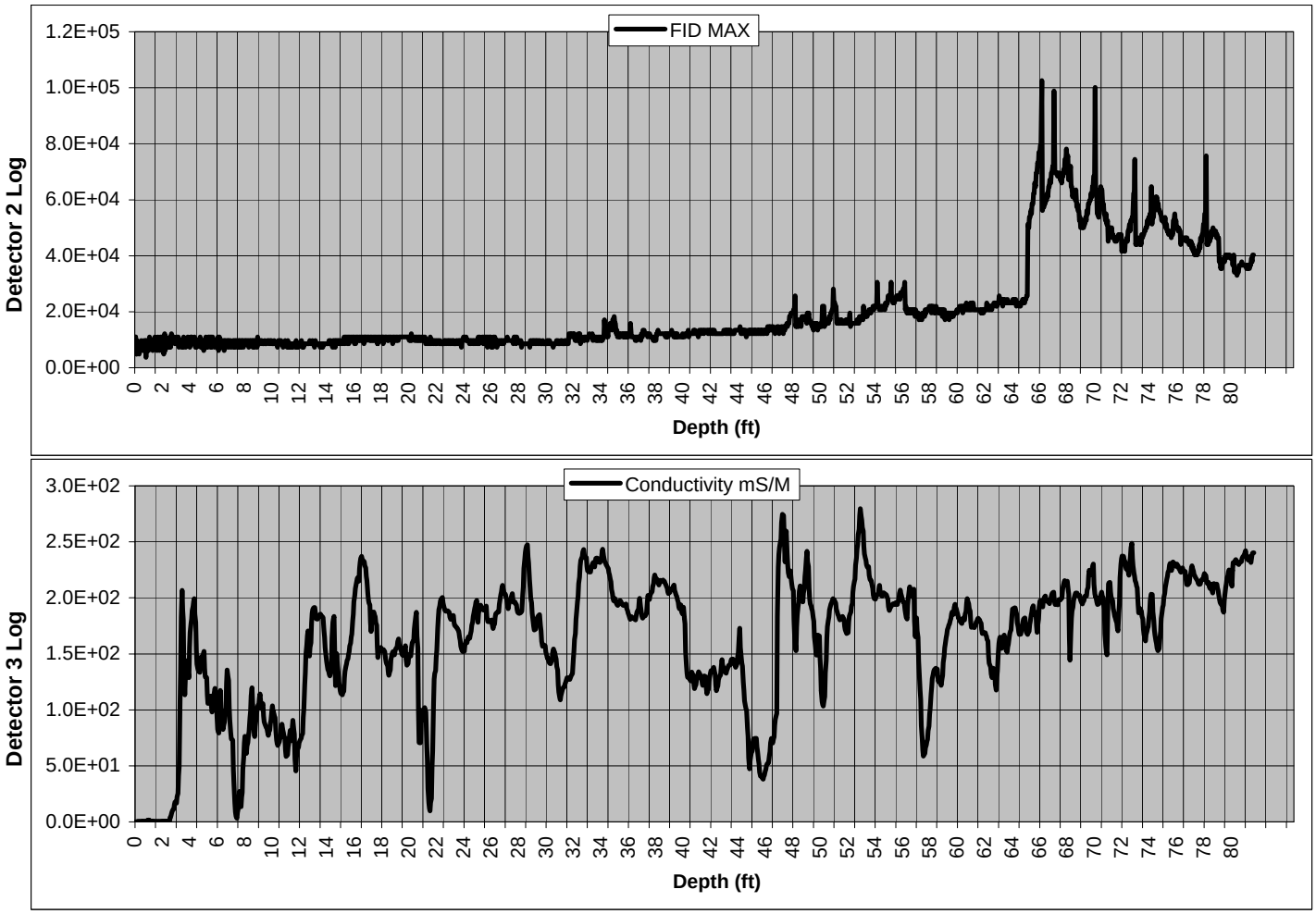






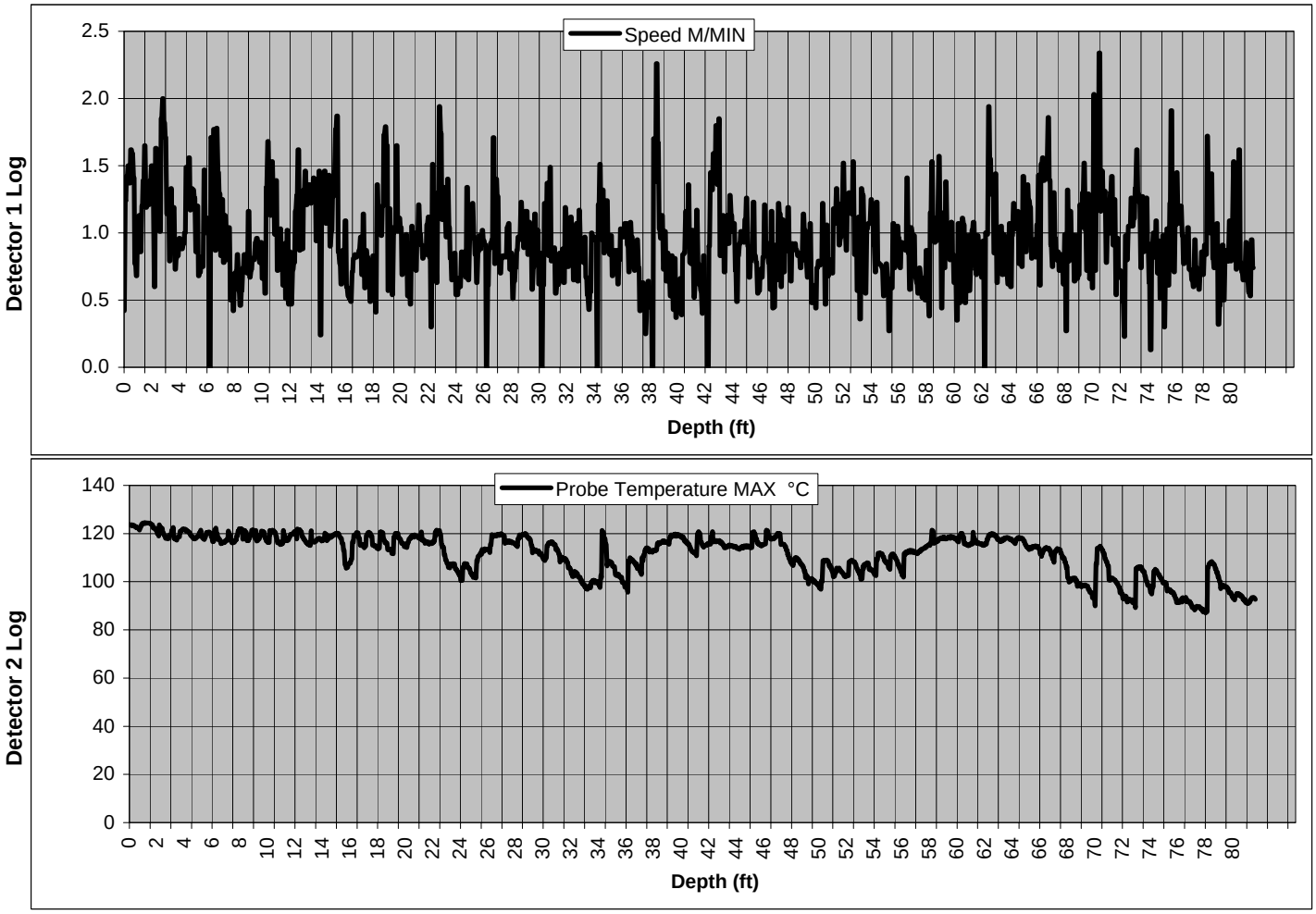
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-9	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	09:08		



MIP Log Results by Boring - Detector Reading vs. Depth

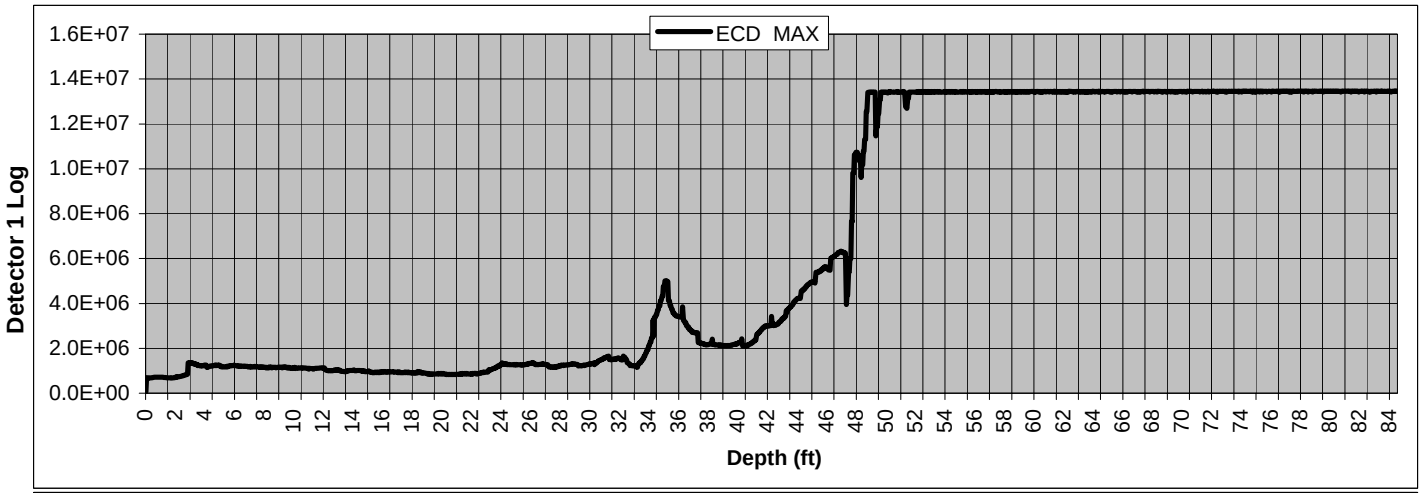
Client:	0	Boring I.D.:	MIP-9	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	09:08		

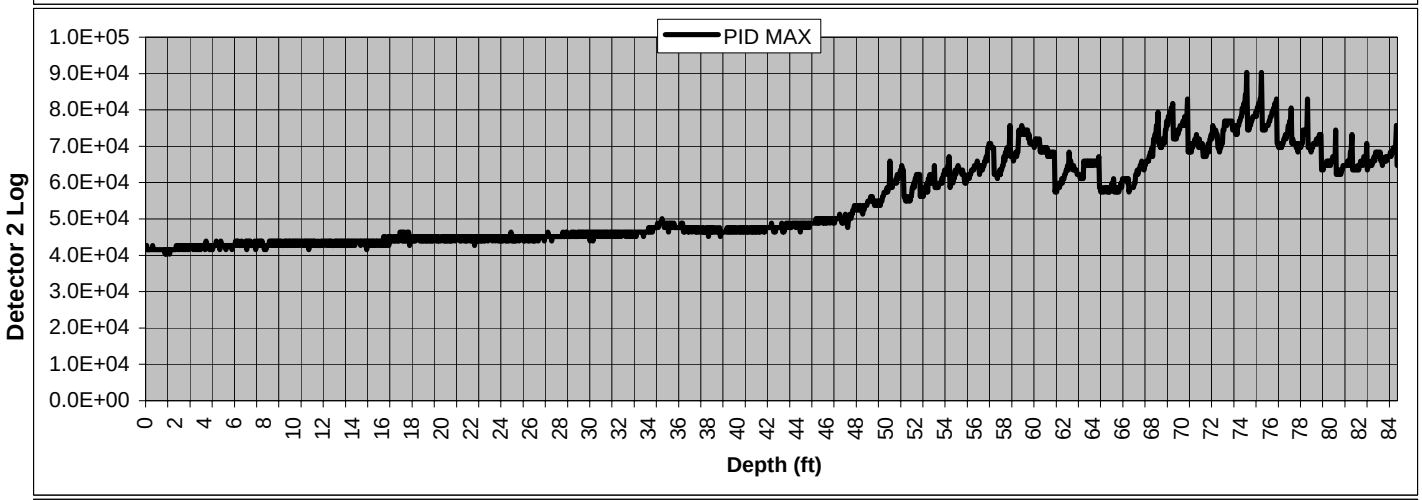


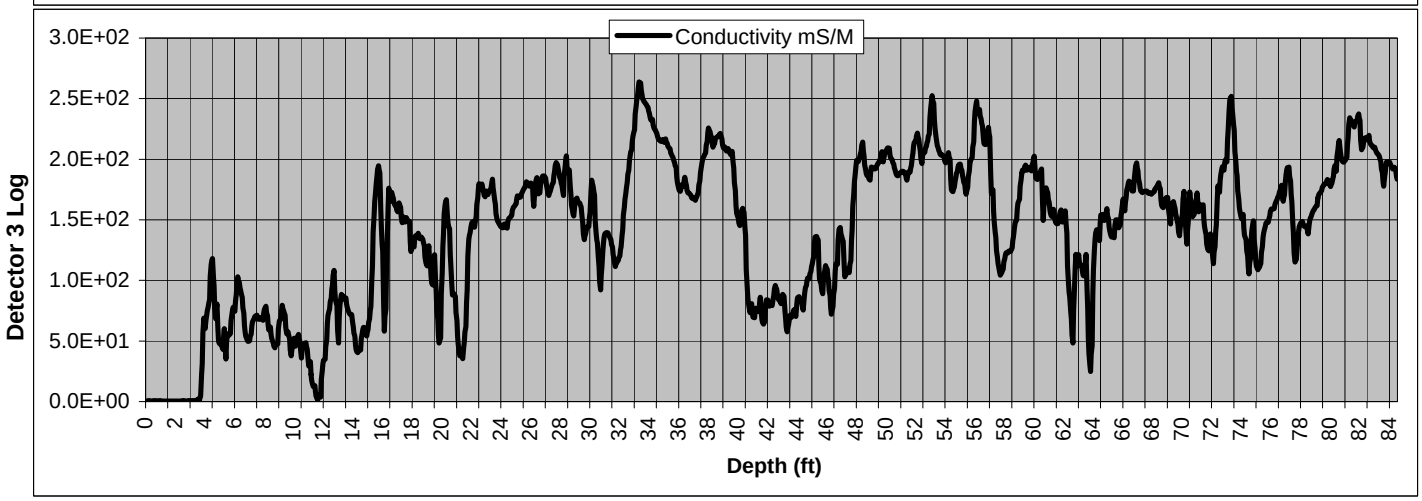
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-10	Detector 1 :	Electron Capture (ECD)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	11:35	Detector 3 :	Electrical Conductance (EC)

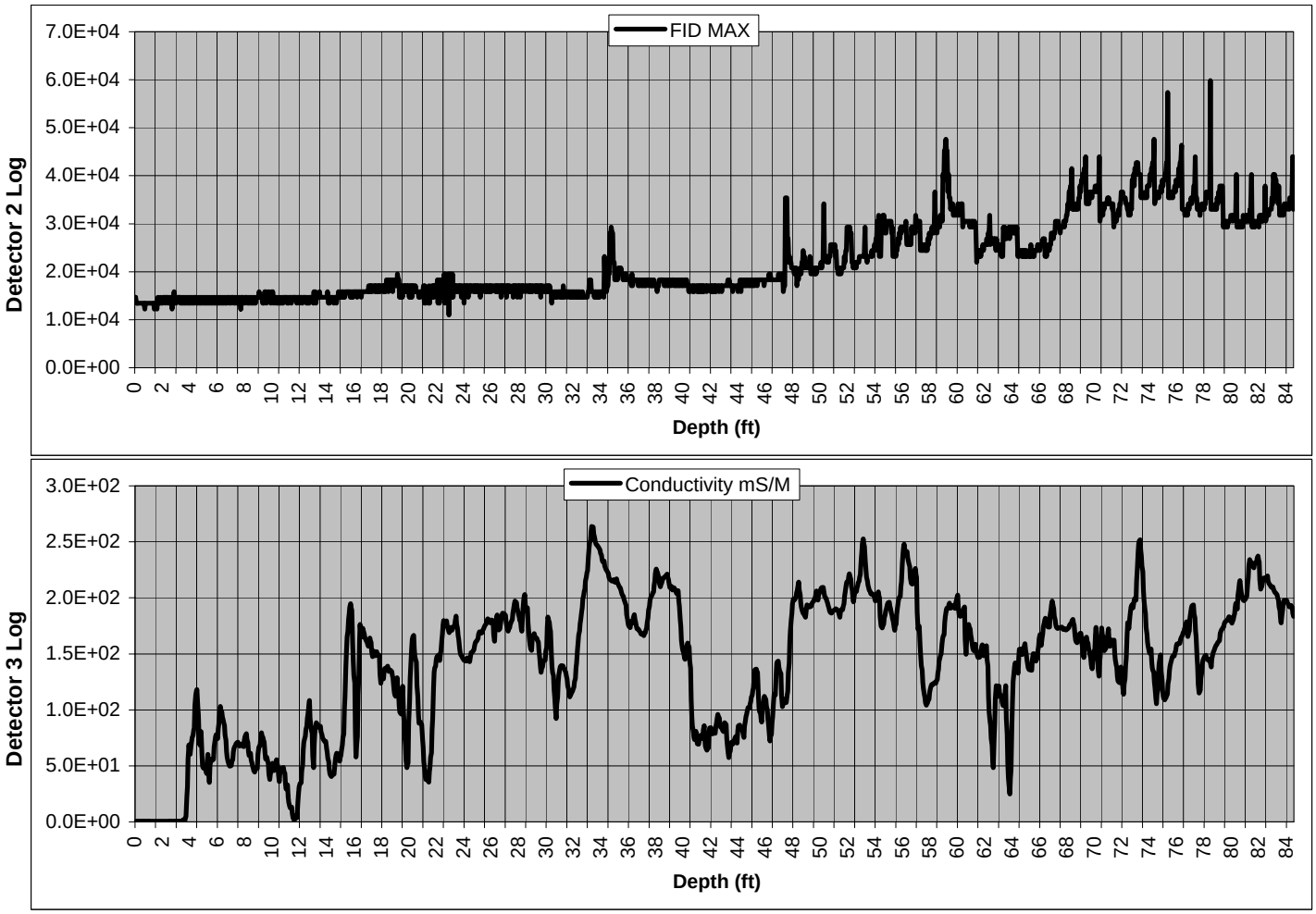






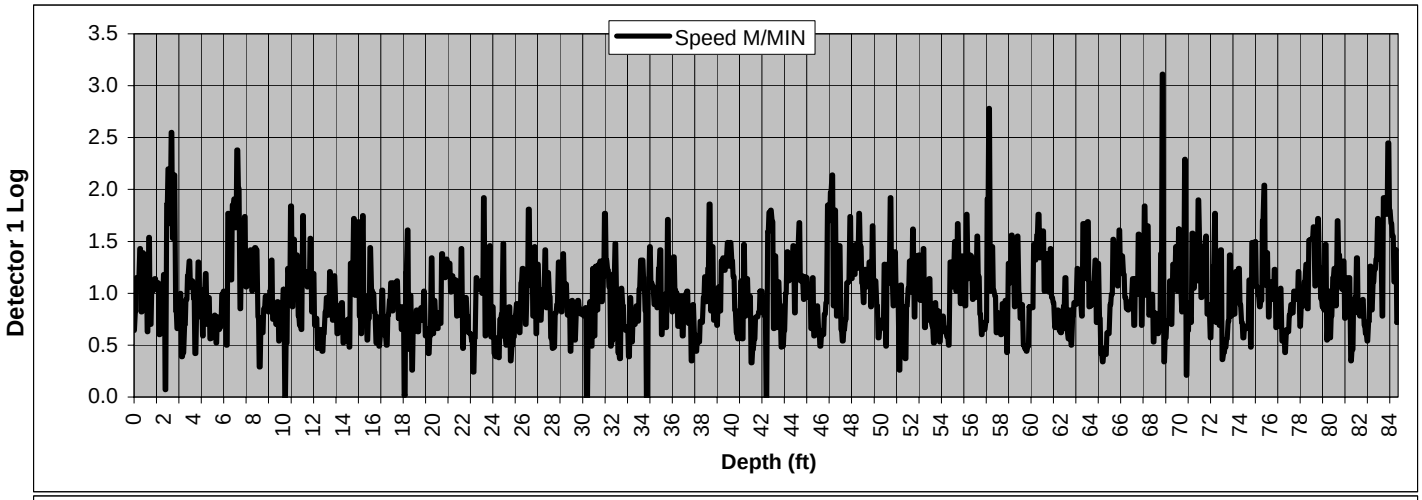
MIP Log Results by Boring - Detector Reading vs. Depth

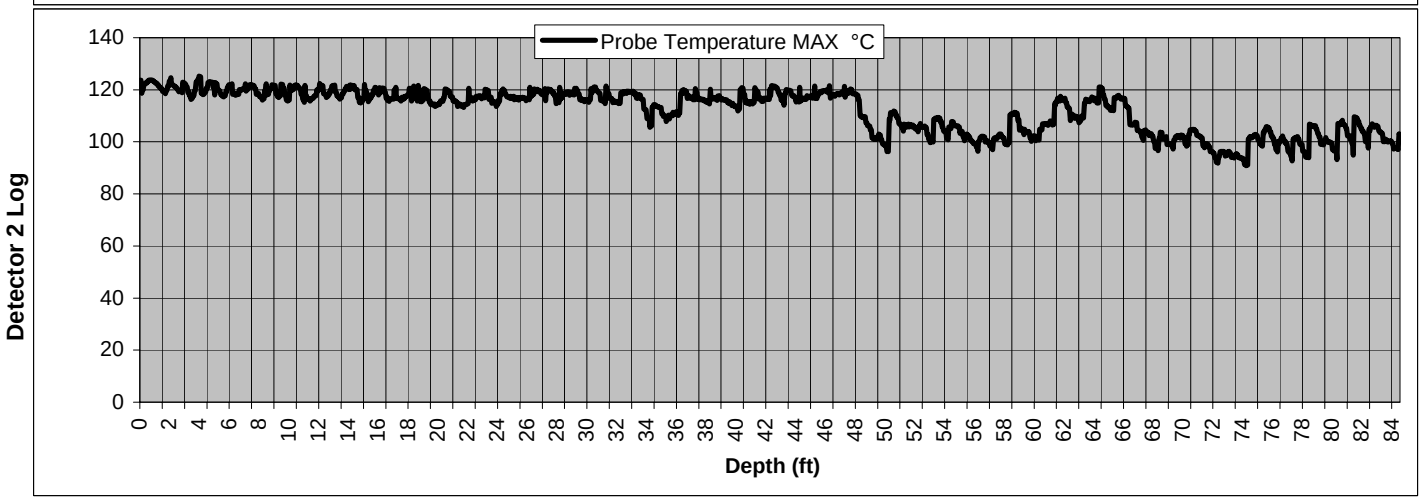
Client:	0	Boring I.D.:	MIP-10	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 30 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	11:35		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-10	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 30 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	11:35		

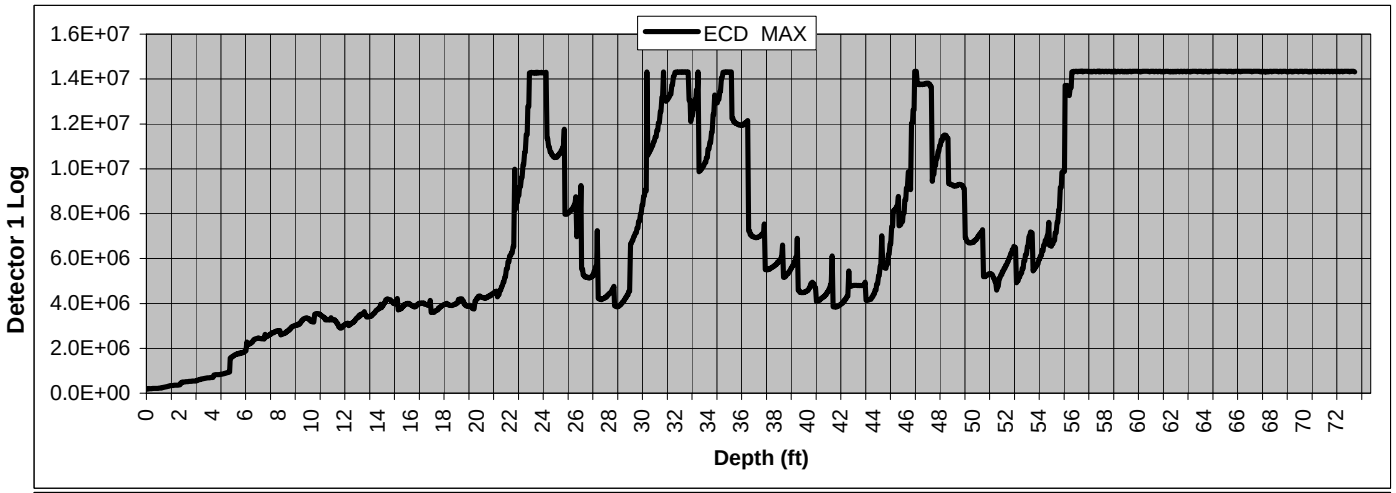


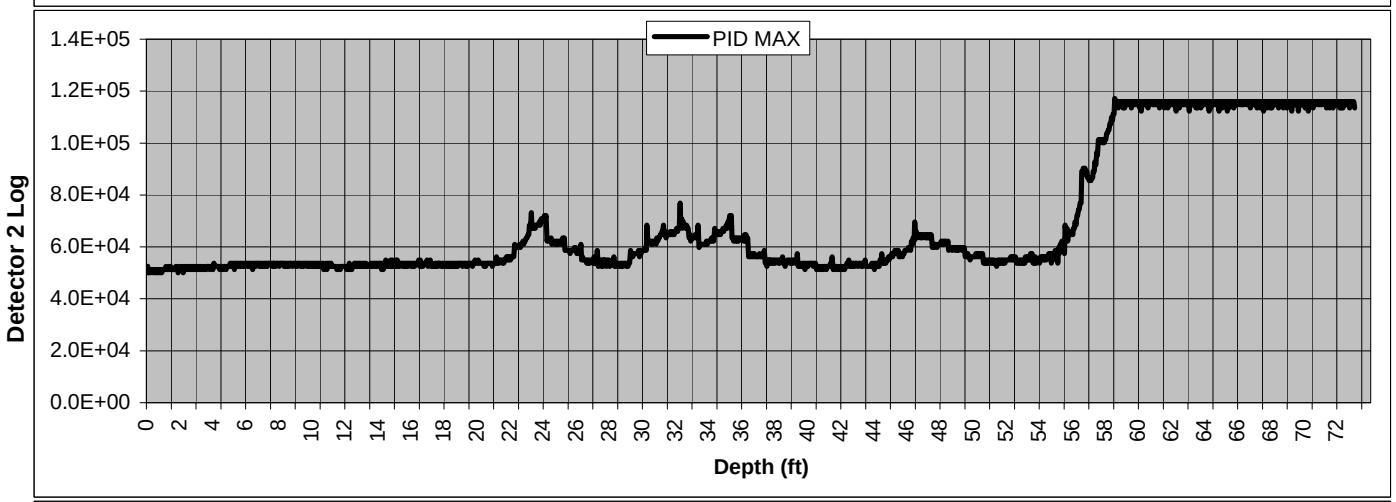


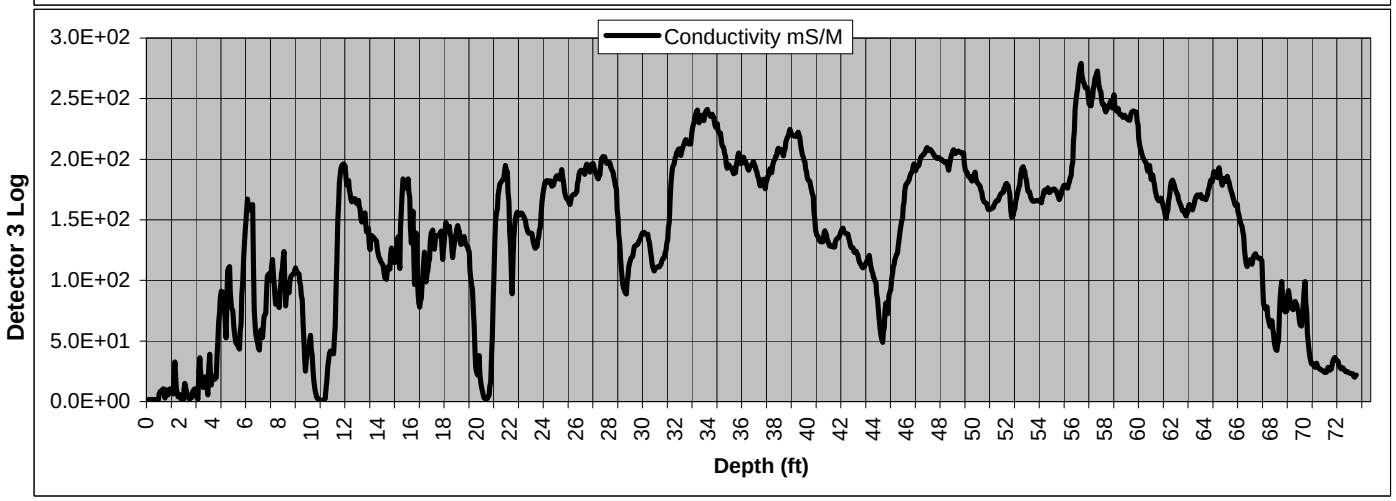
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-11	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 24 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	11:33	Detector 3 :	Electrical Conductance (EC)

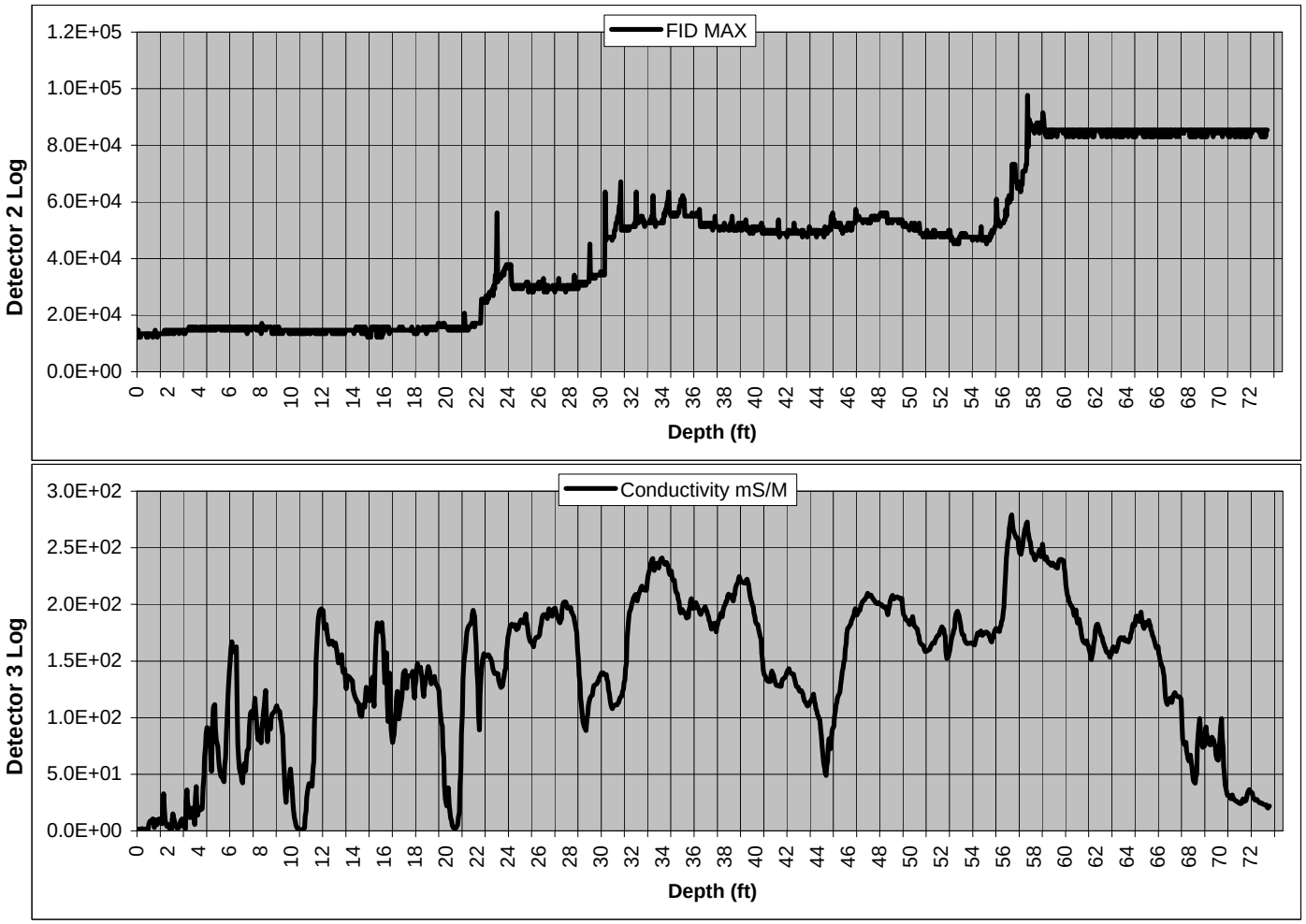






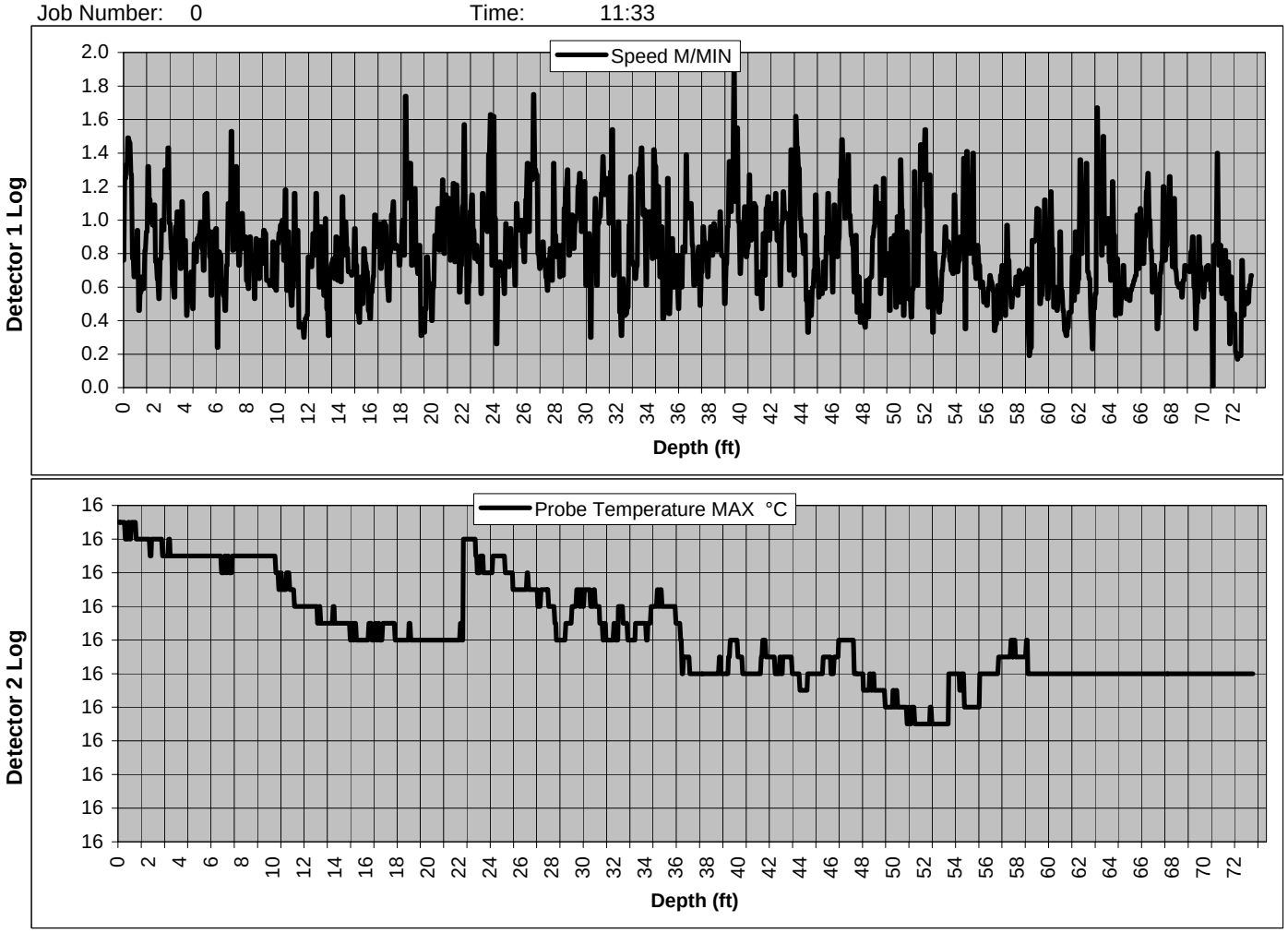
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-11	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 24 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	11:33		



MIP Log Results by Boring - Detector Reading vs. Depth

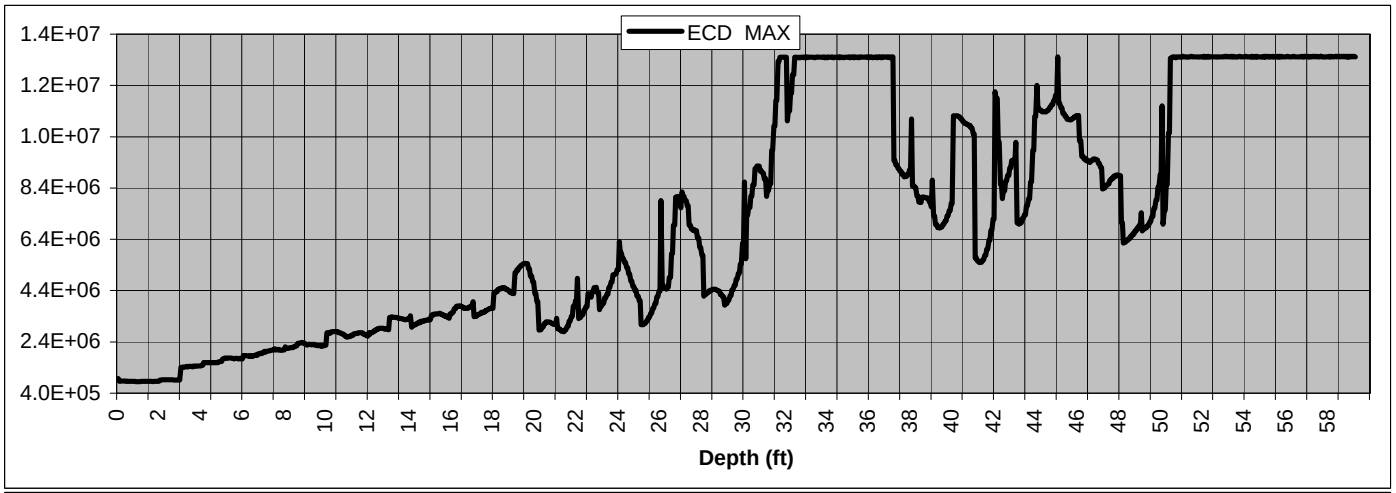
Client:	0	Boring I.D.:	MIP-11	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 24 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	11:33		

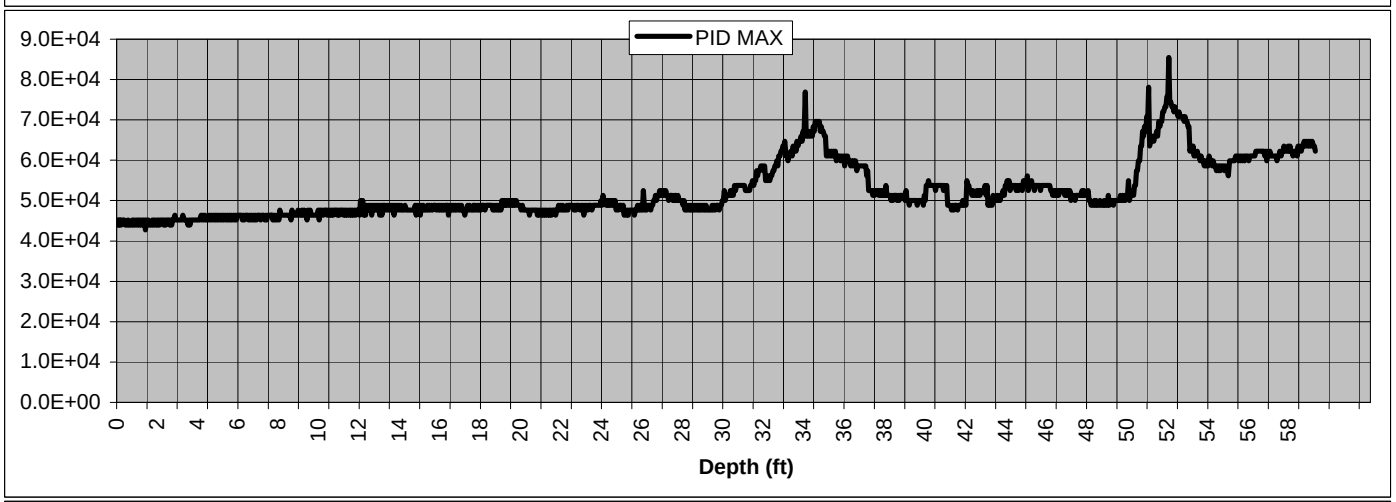


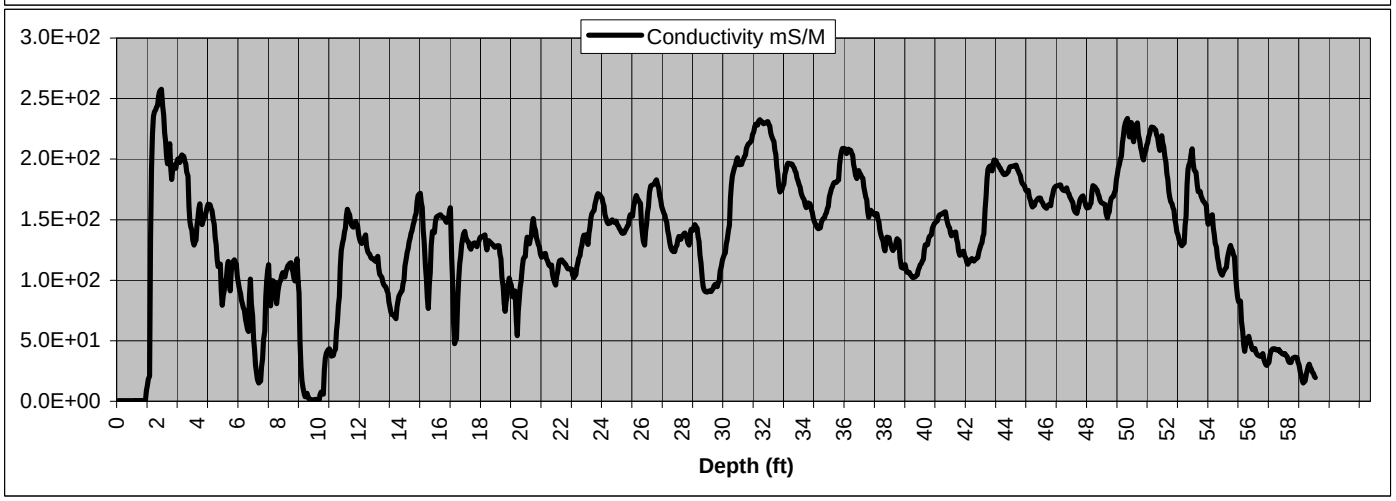
Explanation: Disregard data after 59' bgs. Stringpot broke. Probe and 3 rods broke upon completion of boring.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-12	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 29 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	13:18	Detector 3 :	Electrical Conductance (EC)

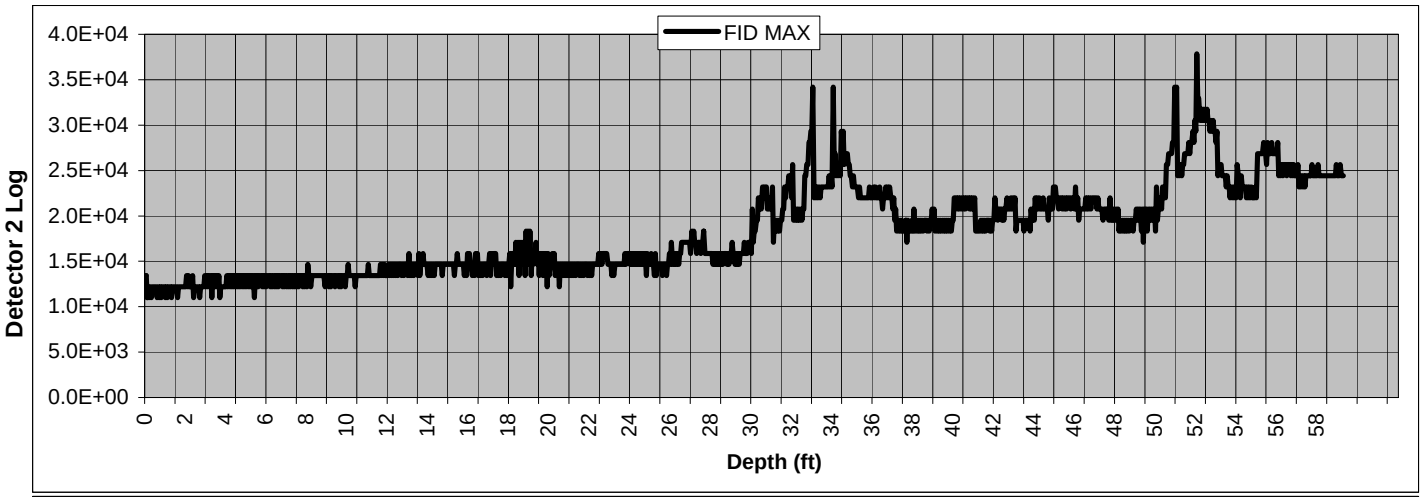


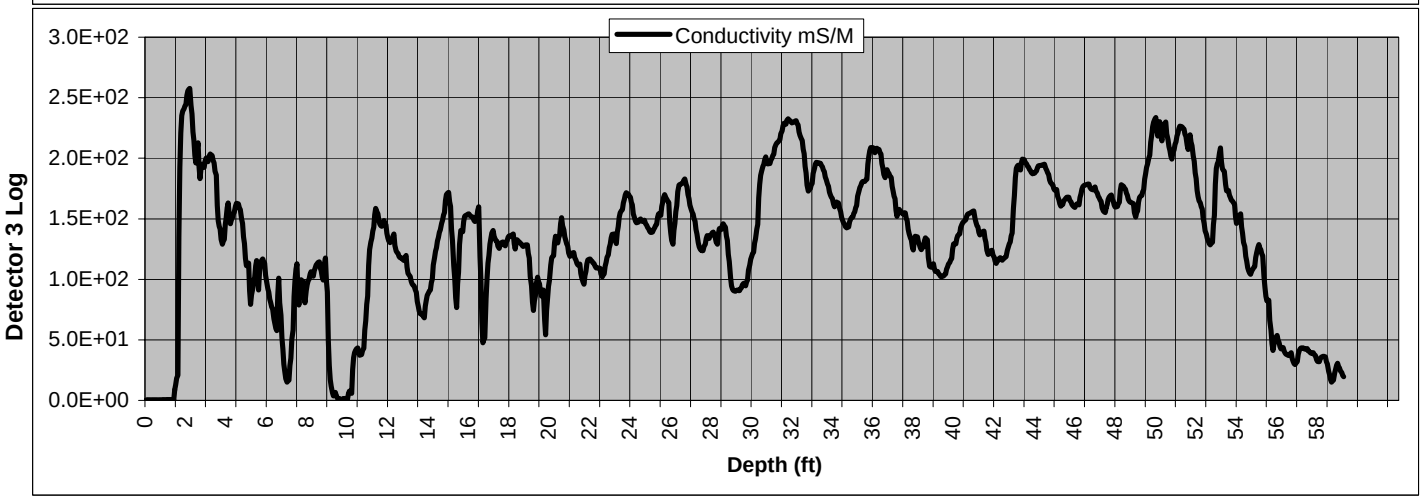




MIP Log Results by Boring - Detector Reading vs. Depth

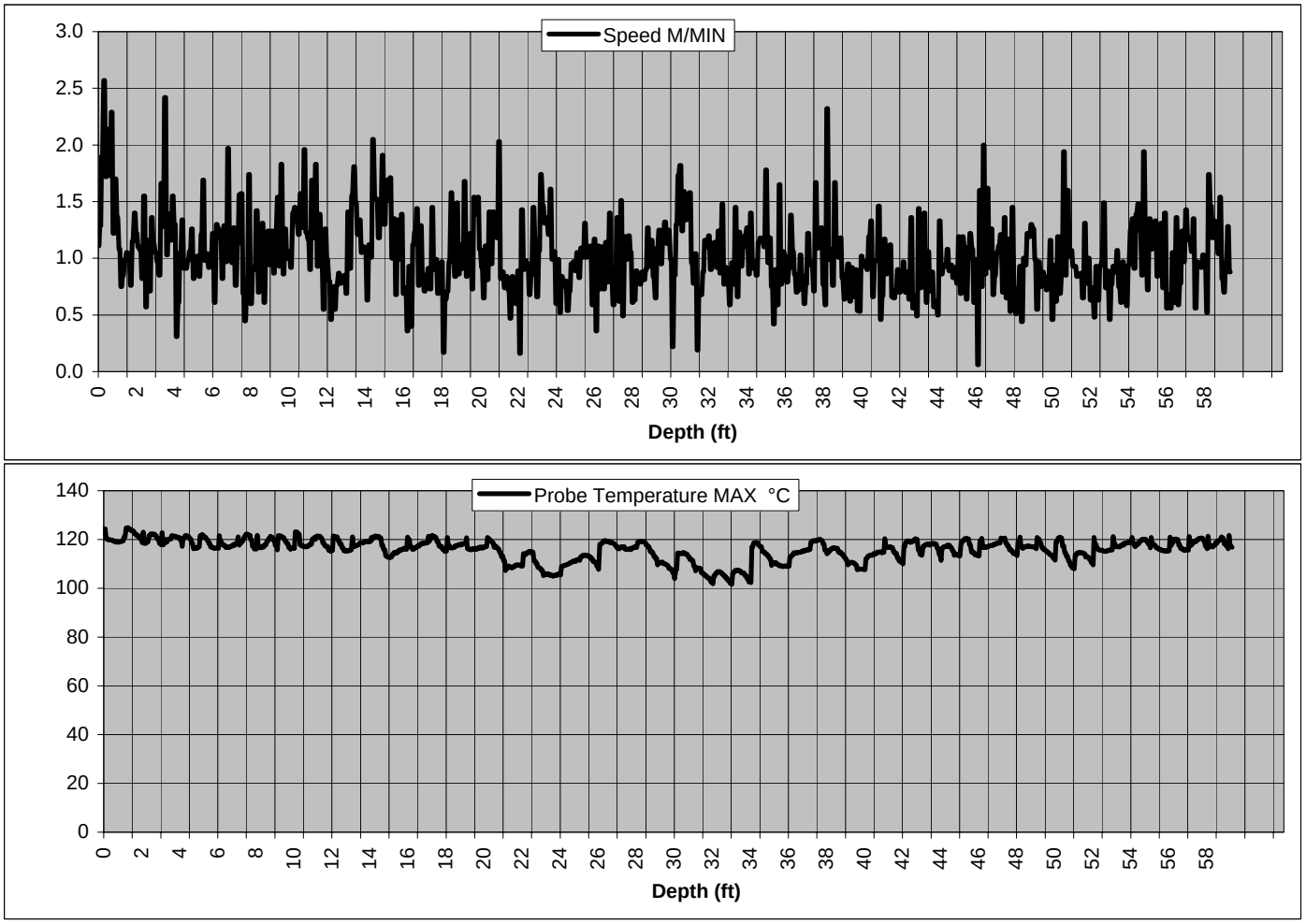
Client:	0	Boring I.D.:	MIP-12	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 29 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	13:18		





MIP Log Results by Boring - Detector Reading vs. Depth

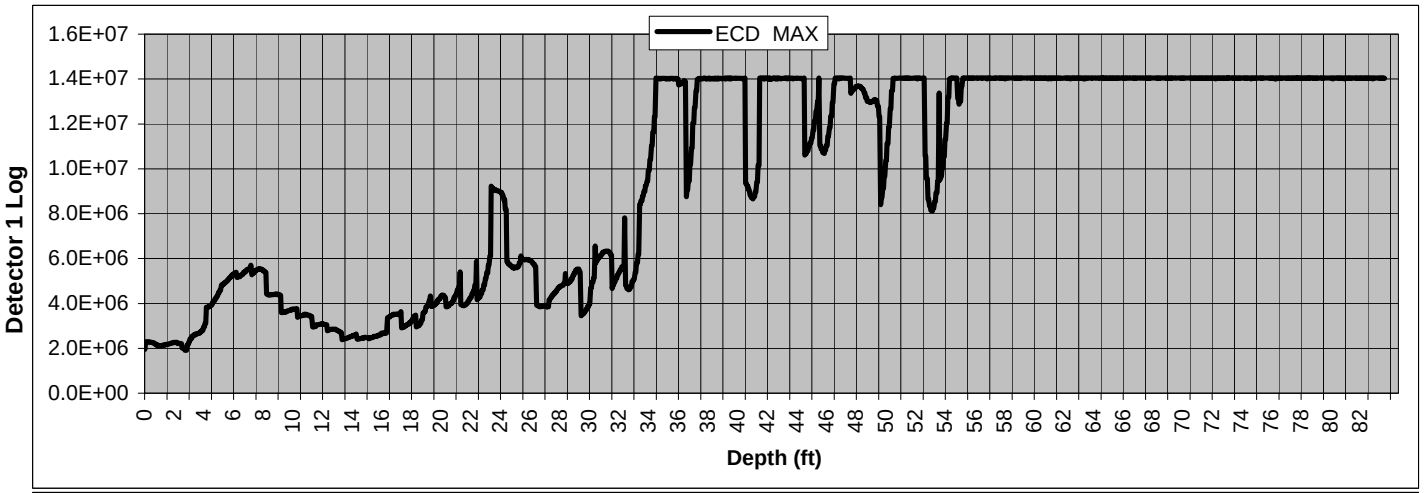
Client:	0	Boring I.D.:	MIP-12	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 29 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	13:18		

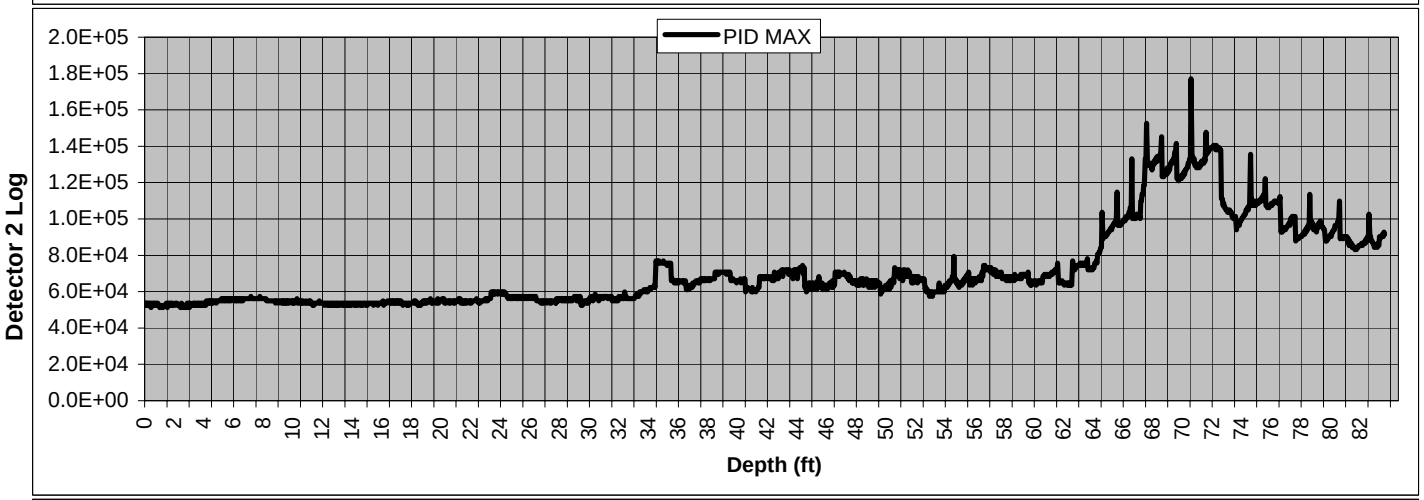


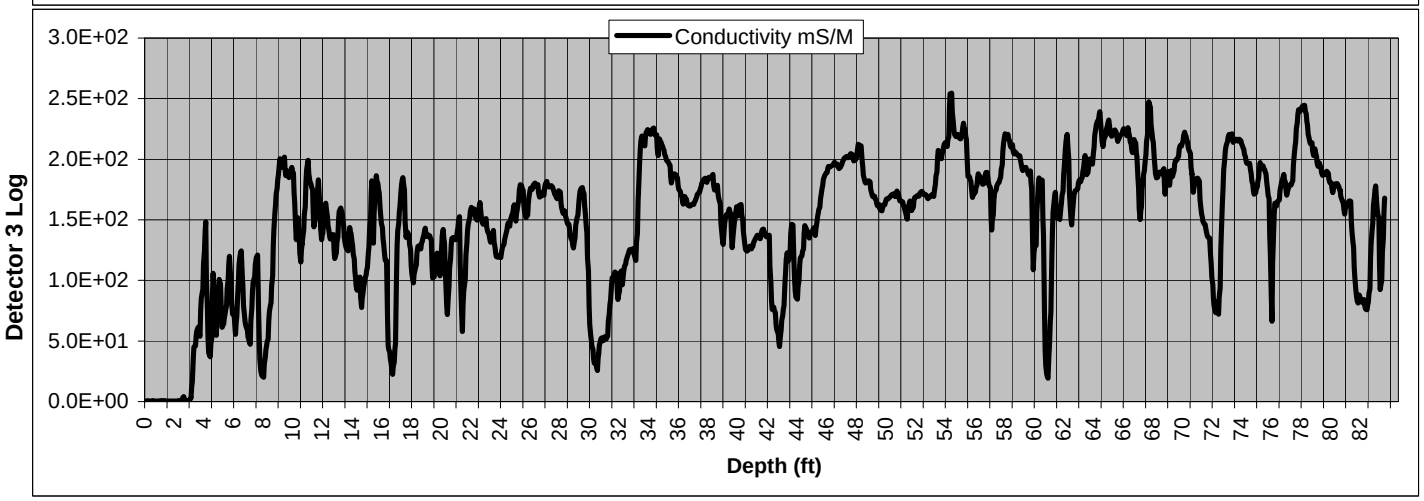
Explanation: Refusal at 58.3 feet.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-13	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 28 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	15:42	Detector 3 :	Electrical Conductance (EC)

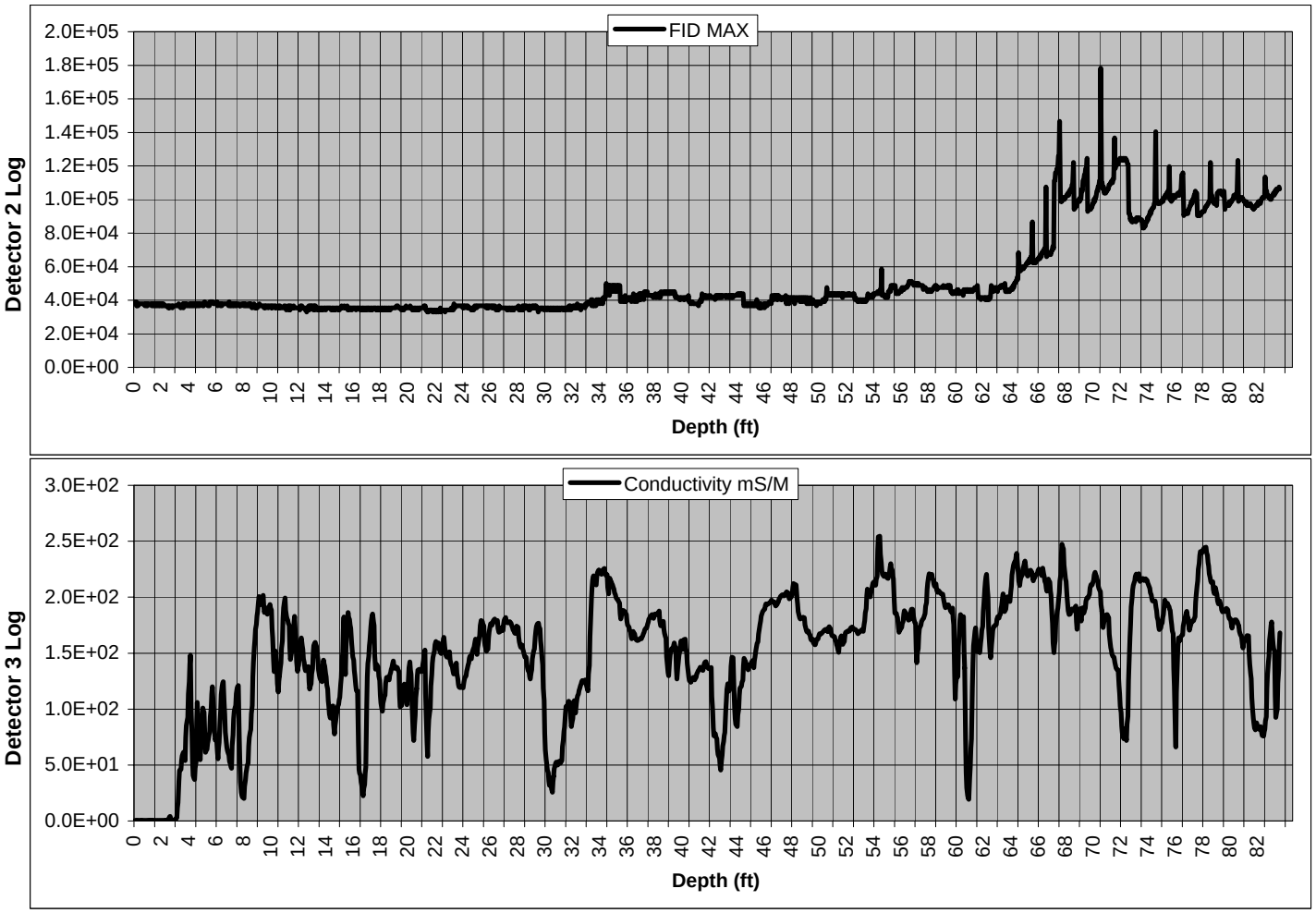






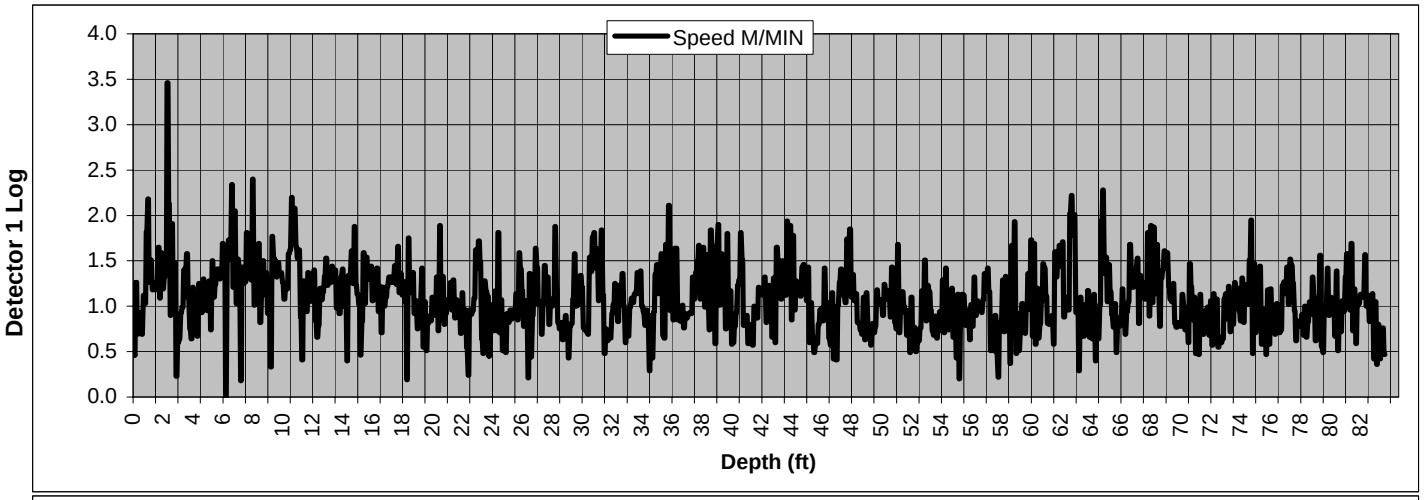
MIP Log Results by Boring - Detector Reading vs. Depth

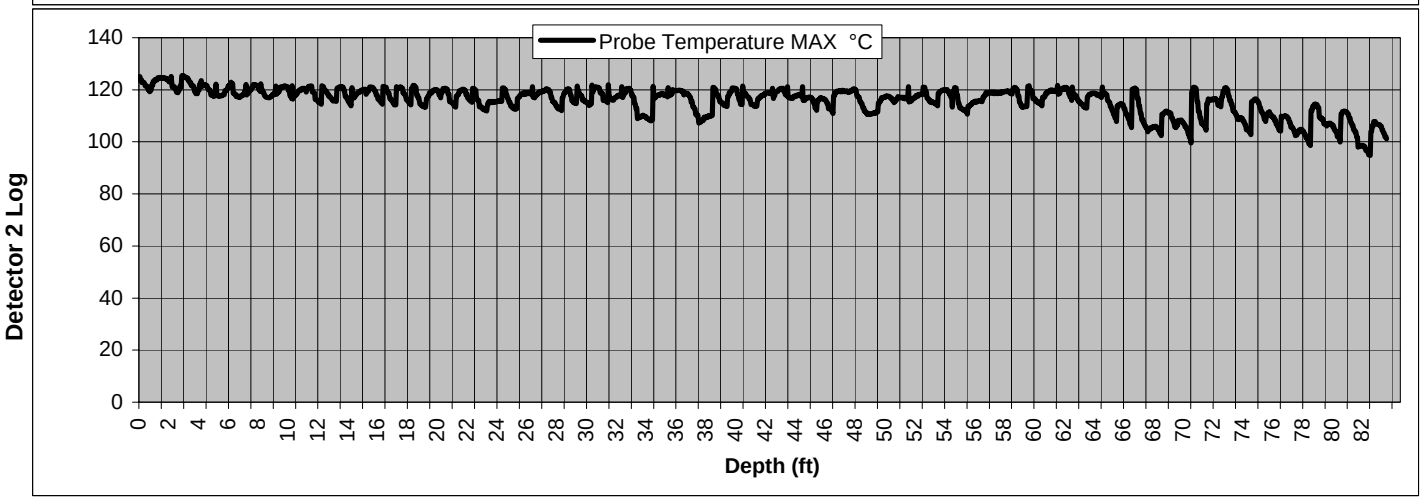
Client:	0	Boring I.D.:	MIP-13	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 28 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	15:42		



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-13	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 28 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	15:42		

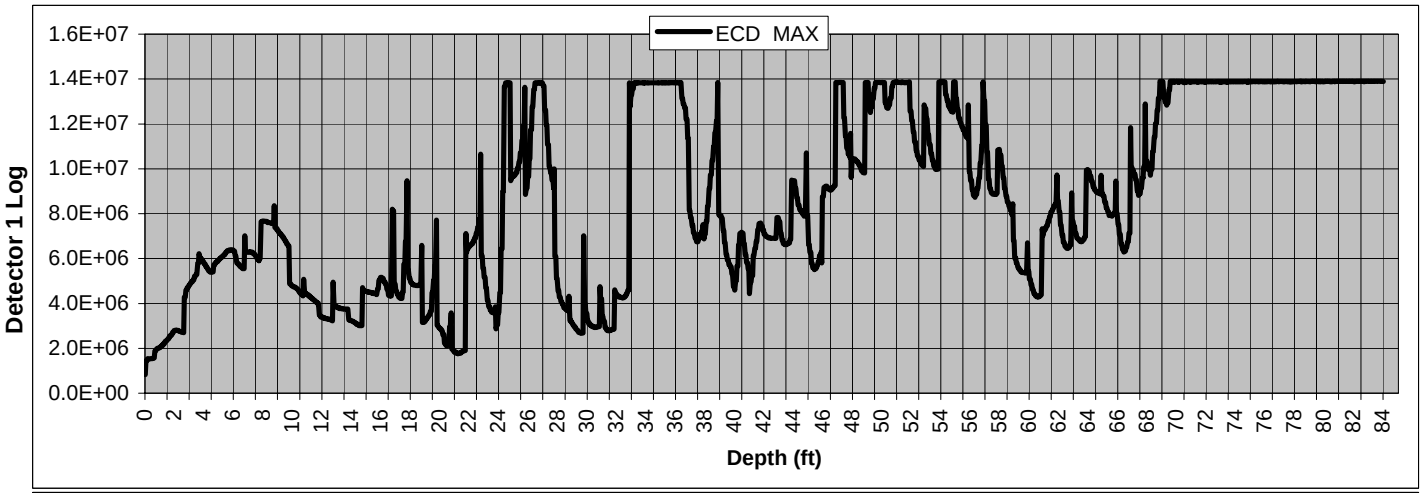


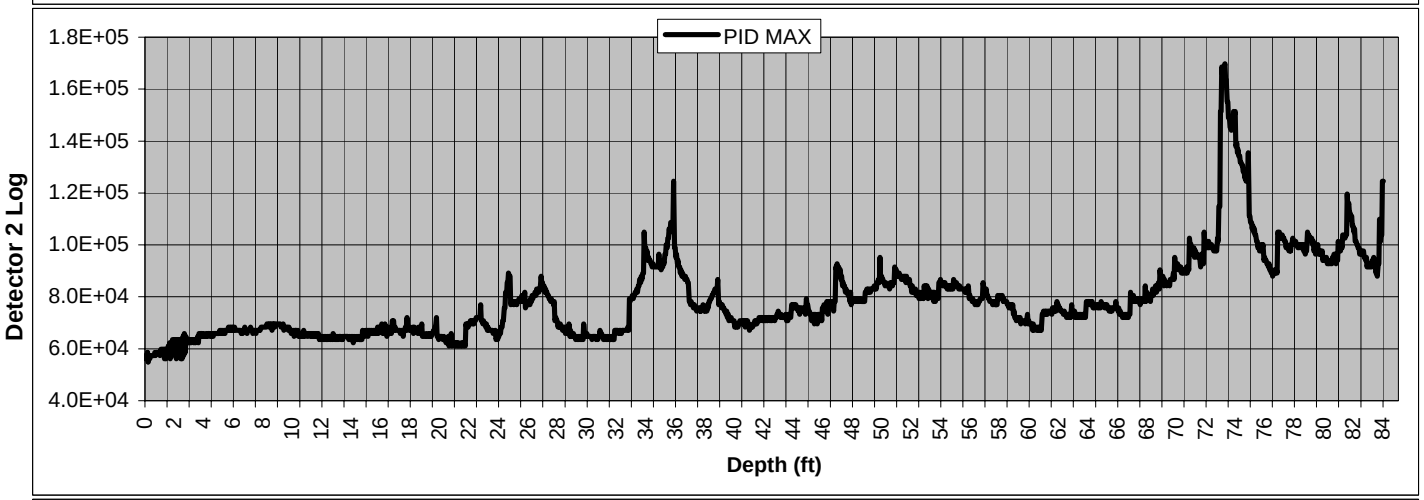


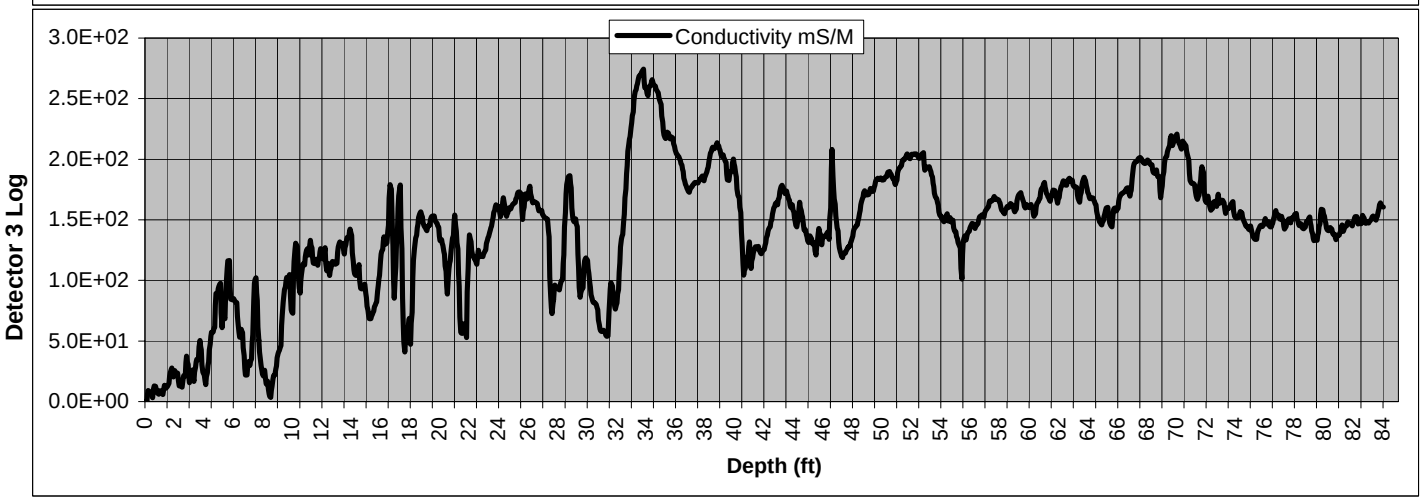
Explanation:

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-14	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 24 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	08:40	Detector 3 :	Electrical Conductance (EC)

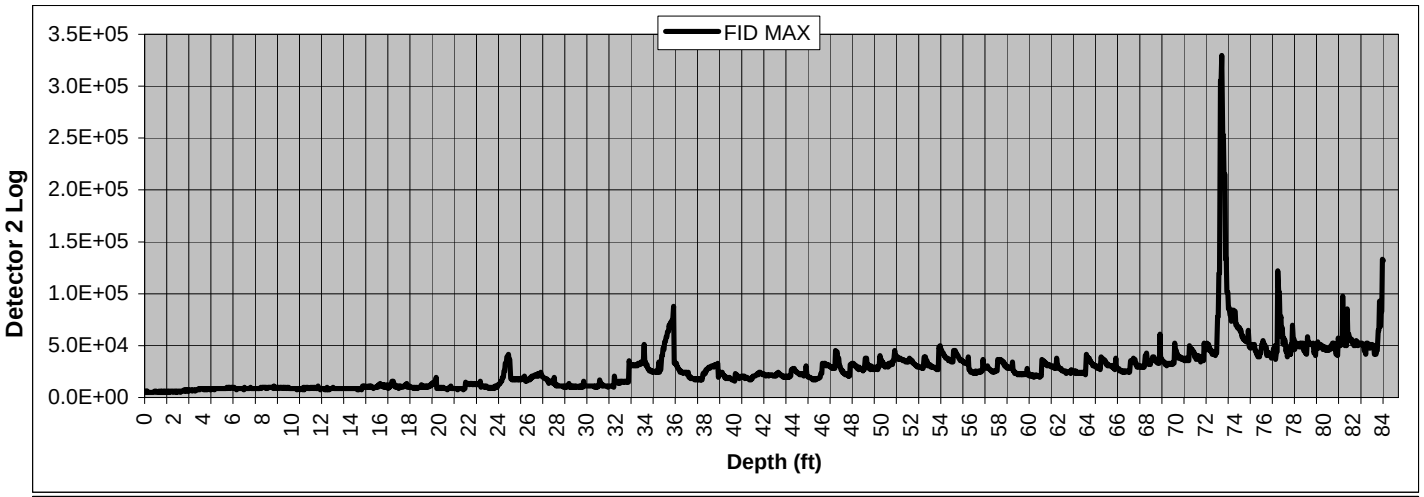


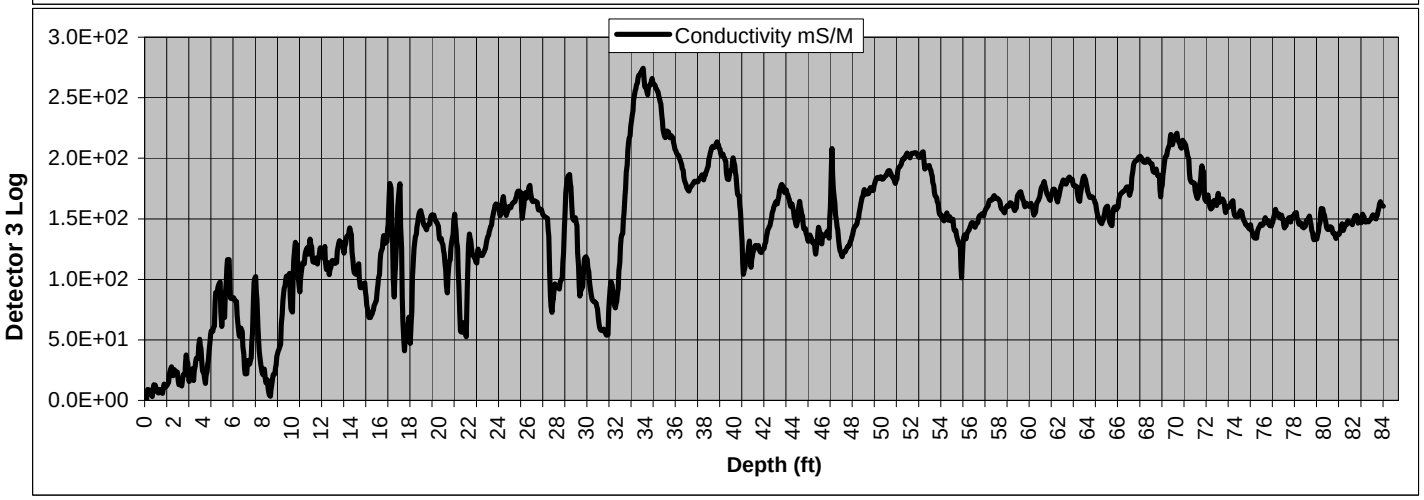




MIP Log Results by Boring - Detector Reading vs. Depth

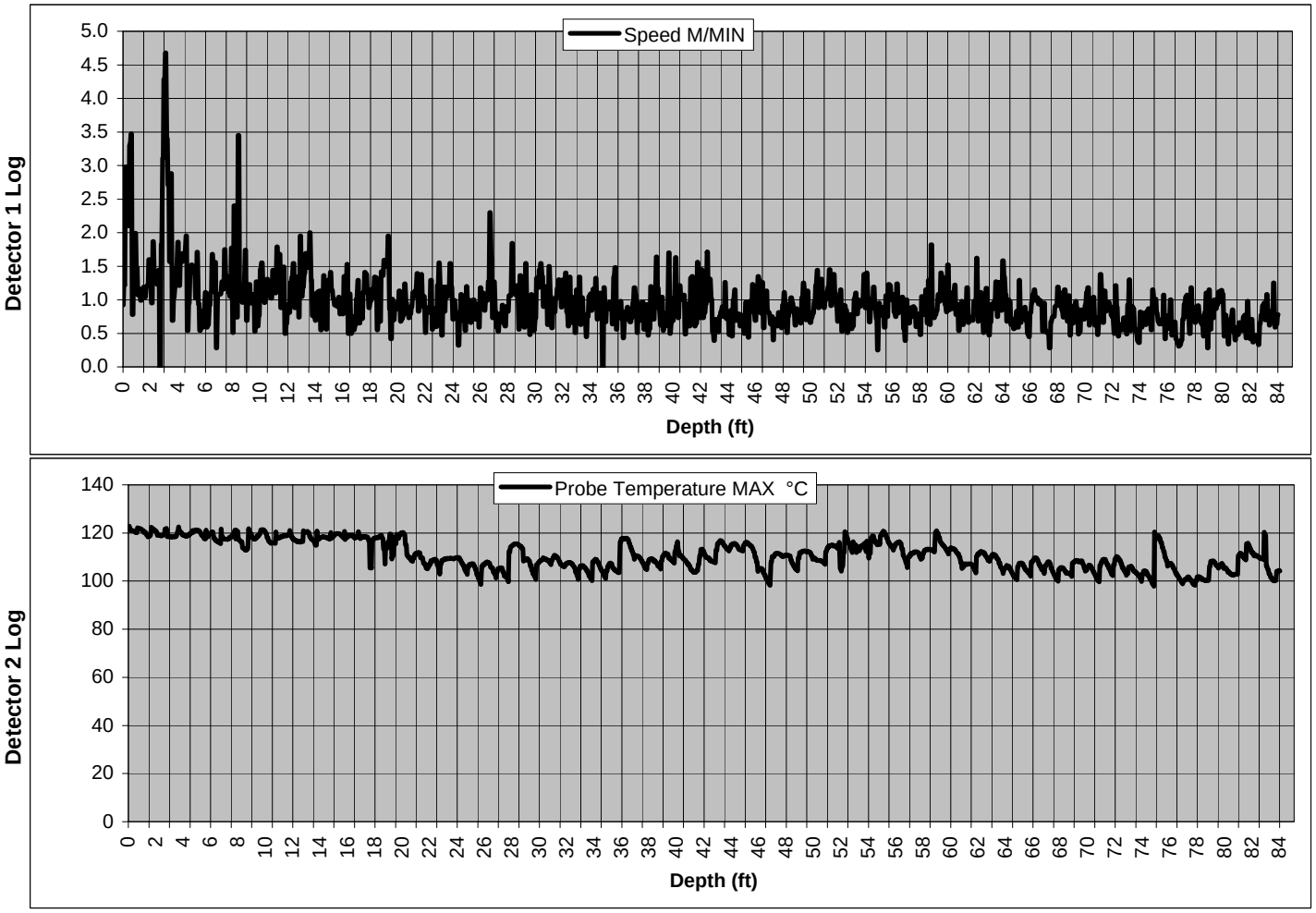
Client:	0	Boring I.D.:	MIP-14	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 24 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	08:40		





MIP Log Results by Boring - Detector Reading vs. Depth

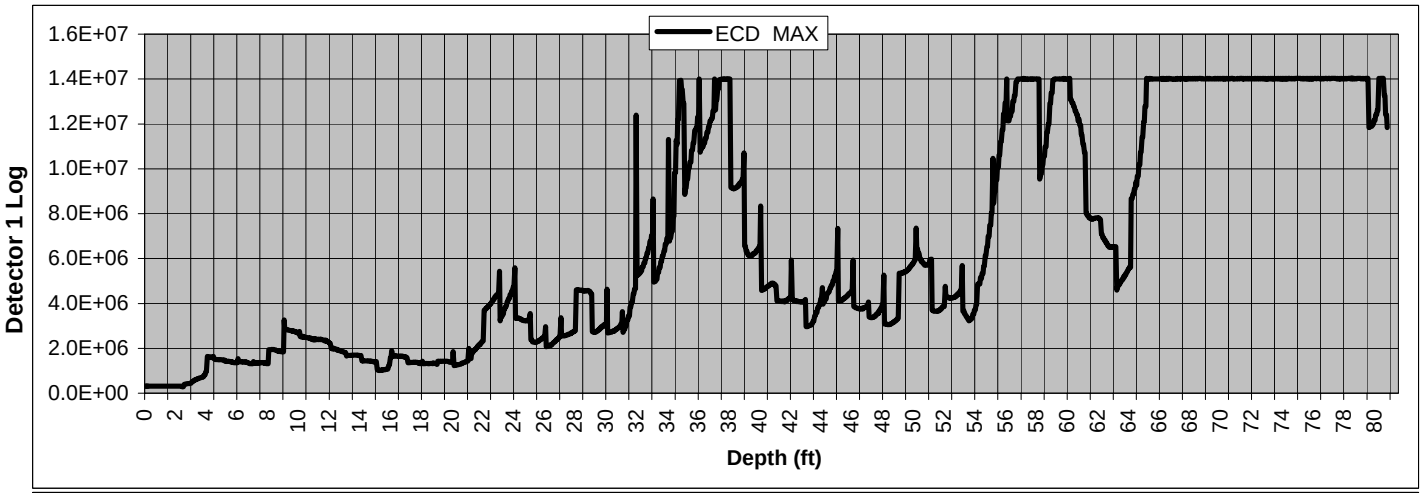
Client:	0	Boring I.D.:	MIP-14	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 24 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	08:40		

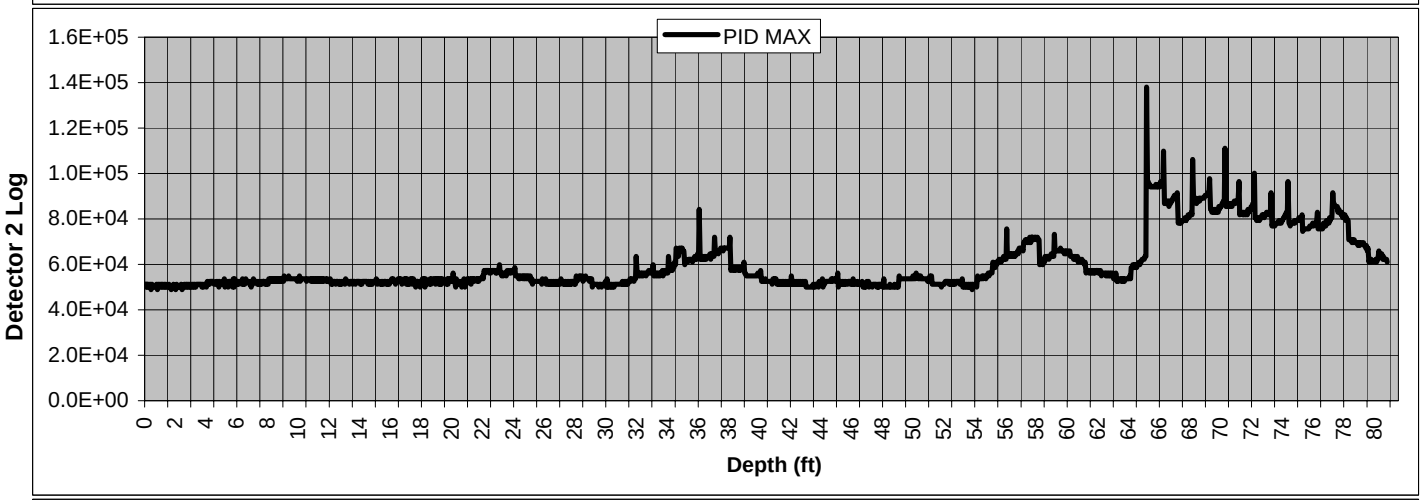


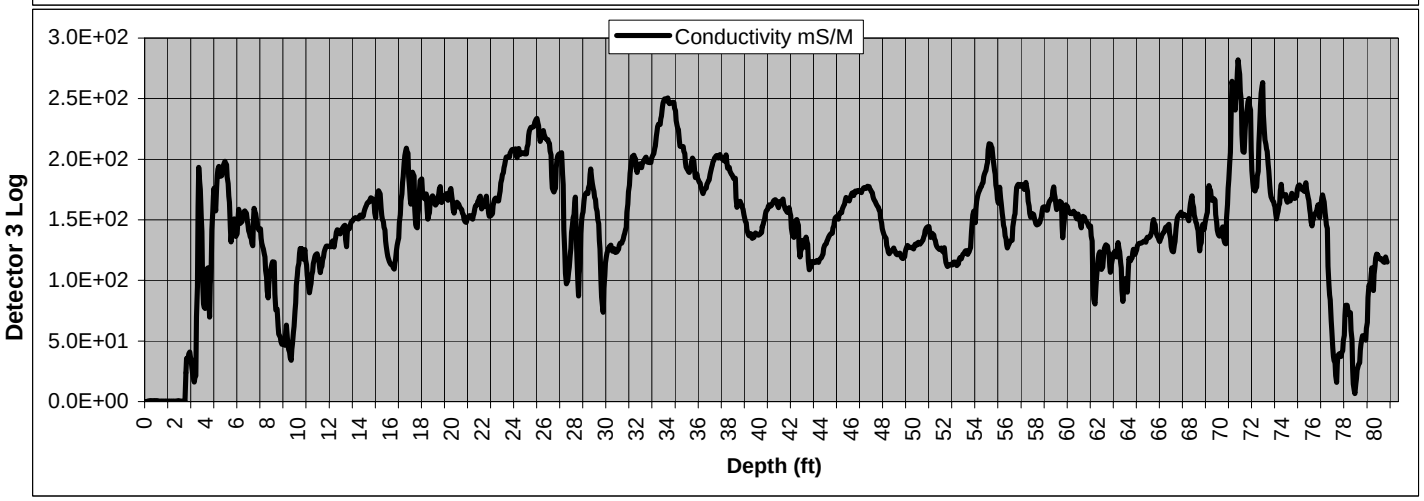
Explanation: FID/PID spike at 21.5 feet due to attenuation change. Hand auger to 5 feet.

MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-15	Detector 1 :	Electron Capture (ECD)
Project:	0.00	Date:	Sep 28 2005	Detector 2 :	Photo Ionization (PID)
Job Number:	0.00	Time:	13:20	Detector 3 :	Electrical Conductance (EC)

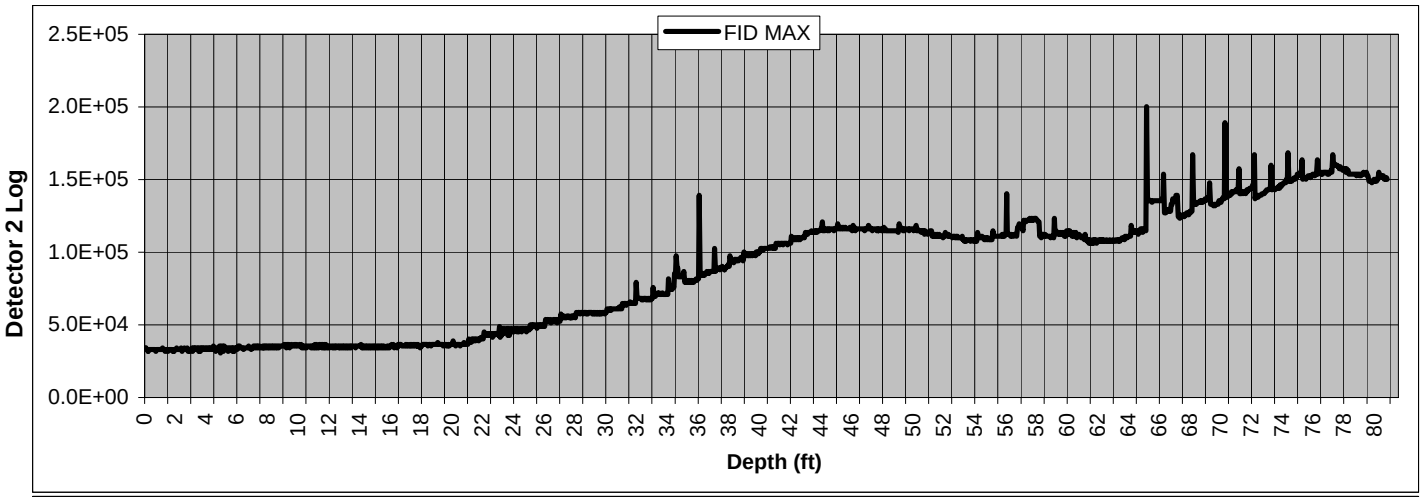


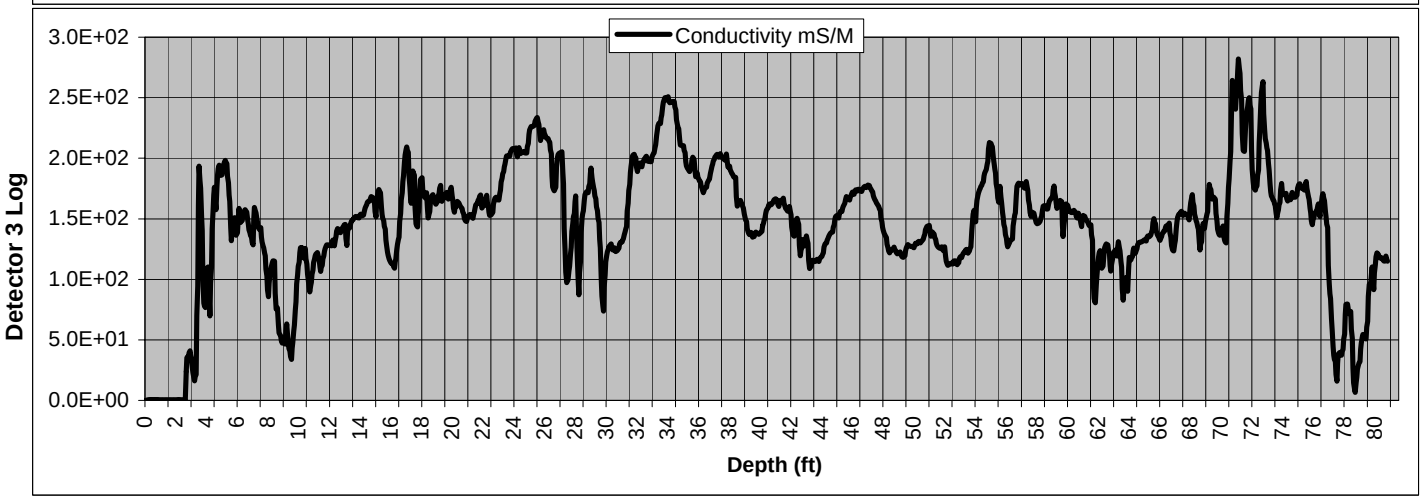




MIP Log Results by Boring - Detector Reading vs. Depth

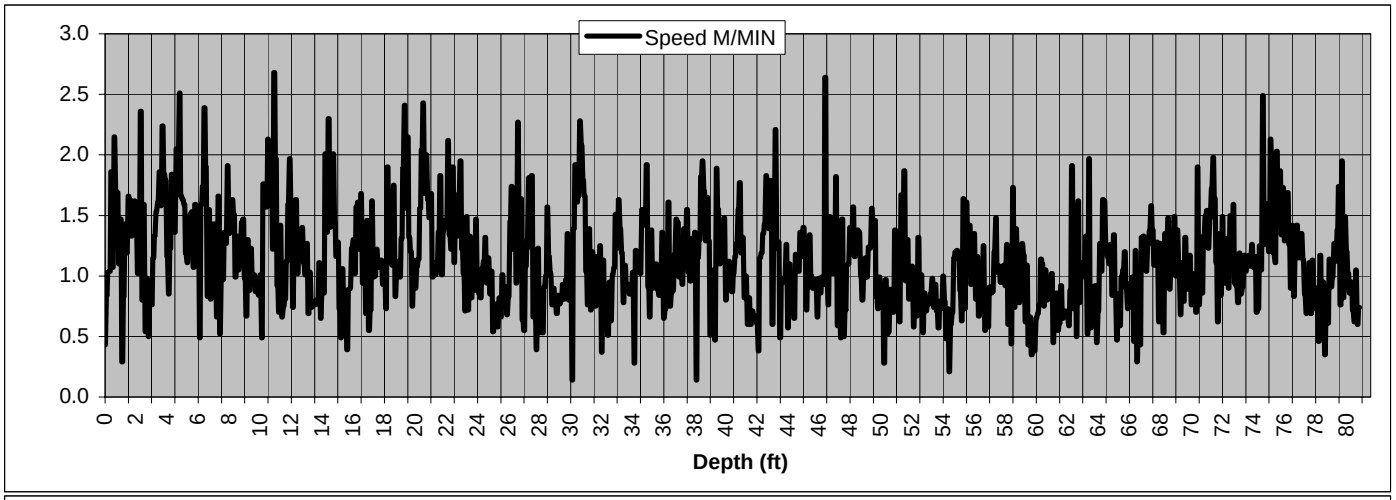
Client:	0	Boring I.D.:	MIP-15	Detector 1 :	Flame Ionization Det. (FID)
Project:	0	Date:	Sep 28 2005	Detector 2 :	Electrical Conductance (EC)
Job Number:	0	Time:	13:20		

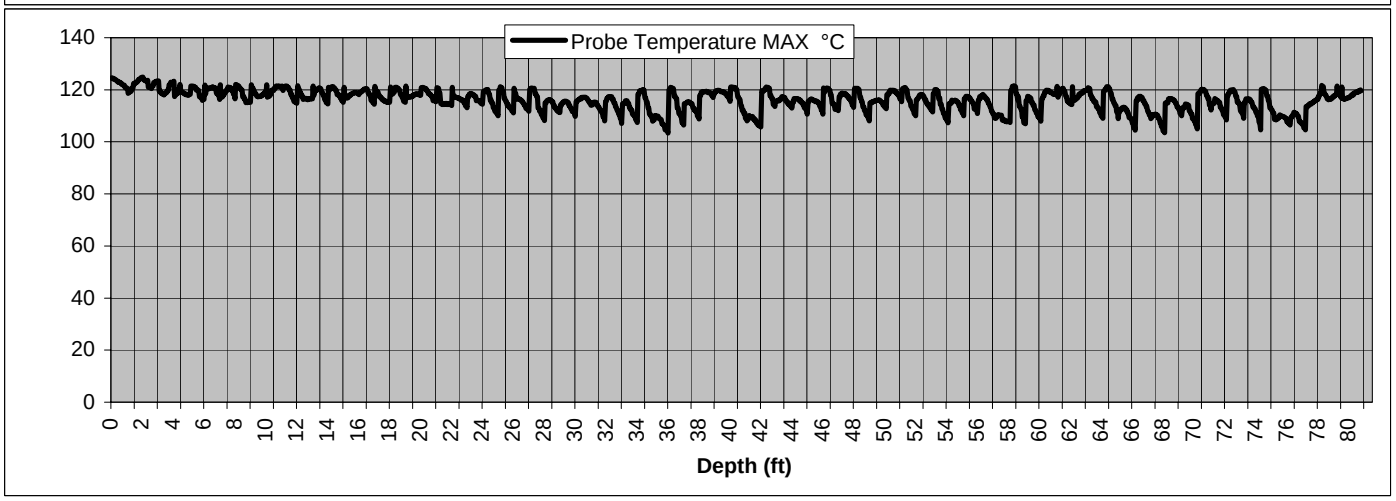




MIP Log Results by Boring - Detector Reading vs. Depth

Client:	0	Boring I.D.:	MIP-15	Detector 1 :	Probe Speed
Project:	0	Date:	Sep 28 2005	Detector 2 :	Probe Temperature
Job Number:	0	Time:	13:20		





Explanation:

Responses to EPA Comments Dated February 8, 2006
On-Site Soils RI/FS Work Plan Addendum No. 2
Summary of Initial Findings from Soil Vapor and MIP Sampling
(CDM, January 27, 2006)

General Comments

1. Comment numbers 3 and 6 from EPA's letter dated November 10, 2005 were addressed, the remaining comments are pending. Comments related to additional sampling and data evaluation should be incorporated into the subject document and the upcoming field investigation. The remaining comments should be addressed in future documents.

Response: As agreed by EPA during the February 13, 2006 EPA and OPOG teleconference call, the subject document will not be revised. The remaining comments will be incorporated into the upcoming field investigation and will be addressed in the RI Report.

2. EPA wants OPOG to perform one final field data collection effort before preparing the Remedial Investigation (RI) report. A synthesis of all on-site soil investigation data is necessary to understand the distribution of contaminants in the vadose zone and the lithology, and to plan the final field investigation effort such that it will complete the vadose zone characterization. Now is the time to perform the data analysis that will support and become part of the RI report; a field sampling effort that leads to a successful completion of the site characterization will demonstrate a sufficient understanding of the site contaminant distribution (i.e., the sampling is intended to confirm the conceptual model of the contaminant distribution in the vadose zone at OU-1). The sampling must satisfy the objectives and criteria specified in Section 2 of the Final On-Site Soils RI/FS Work Plan Addendum No. 2, dated August 17, 2005. The evaluation will provide higher certainty that the field investigation will be completed. Specific comments below and in EPA's November 10, 2005 letter address the additional evaluation to be performed and sampling approach to be implemented.

Response: Per the conference call with EPA on February 13th, additional analyses of the data (including contour mapping of soil vapor concentrations) are being provided concurrent with this comment/response summary. Further evaluations of all collected data will be provided in the RI report, and EPA has agreed that the Technical Memorandum (CDM, January 27, 2006) will not be revised/resubmitted.

3. Clarify what is meant by the term "source" in various parts of the document. Clarify, as necessary, whether "source" means an area with high contaminant concentrations in soil (i.e., a source term in the context of contaminant fate and transport) or if it is an indication of the release of hazardous waste by a third party.

Response: We will distinguish between primary sources (areas where contaminants were likely released to the subsurface) and secondary sources where fluids with high concentrations of contaminants migrated on top of the "30 foot" clay.

Specific Comments

1. MIP-1 is located in highly contaminated soil that should be considered a "source area", similar to the MIP-3 location. This would explain relatively high soil gas concentrations along the Medlin & Sons property boundary.

Response: MIP-1 and MIP-3 are considered source areas and that was the reason soil samples were collected adjacent to these locations.

2. Figures 15 to 19 are not legible (sample location labels and concentrations overlap).

Response: The figures will be revised for inclusion in the RI report.

3. Page 4, 3rd par. - The text says that the PID/ECD and soil gas/soil analytical results "compare very favorably". There is good agreement at some locations (e.g., MIP-3) but not at others (e.g., MIP-18). See also general comment 2 in the EPA letter of November 10, 2005.

Response: The text will be clarified in the RI report.

4. It would be helpful to better characterize the lithologic character of the 30-foot clay layer (see also comment 9 below). This high conductivity zone does not always correlate to clay layers identified in boring logs. It may be a paleosoil horizon with high content of clay minerals causing its conductivity response signature. Its dip to the southwest also suggests that this material formed in the depositional direction of the alluvial fan derived from the Puente Hills. Soil samples for visual description and laboratory analysis should be taken from the new borings.

Response: This zone has been described at MIP-1, MIP-3 and MIP-14 where soil sampling was conducted. Further soil sampling will be conducted as described in the response to Specific Comment 13 provided below.

5. Page 5, 1st par. – The VOC signature shown by pie charts is the same or similar for samples taken north of the Omega property and for samples taken along the southern boundary of the Omega property and south of Skateland. This is likely the result of chemical partitioning and degradation, or time and mechanism of release, rather than an indication of source areas outside the Omega property. The text implies a source of Freons at the Medlin & Sons property but not in the area south of Skateland. The text further states that an increase of PCE with depth may be due to the volatilization of contaminants dissolved in groundwater; then the relative increase of Freons in shallower depths would be consistent with this vapor phase transport pathway (see comment 19 in the EPA letter dated November 10, 2005). Similarly, the increased percentage of PCE southwest of the Omega property may be the result of migration of the waste liquids atop the 30-foot clay and along the water table in the southwest direction rather than an indication of another source in an area adjacent to the Omega property. The soil vapor data support the following conceptual transport model: Liquid phase contamination (as NAPL and dissolved in pore water) moved from the release area at the Omega property (likely near MIP-3)

atop of the 30-foot clay layer primarily in the southwest direction, penetrating the layer, and reaching groundwater along the way. The transport in the northwestern to western and southern to southeastern directions (and also transport to the northeast) was predominantly in the vapor phase. As a result, relative PCE concentrations are high along the liquid phase pathway and Freon 113 concentrations relatively increase along the vapor phase pathway.

Response: These items will be addressed in the RI report.

6. Page 6, 2nd par. – The last sentence "This suggests that other sources are present." should be further supported or qualified (e.g., "may be present"), and explained (see general comment 3). It is possible that liquid waste releases at the ground surface on the Omega property resulted in contaminant migration via subsurface materials in the shallow zone to the area south of Skateland.

Response: The proposed next MIP and vapor sampling event (February 27th through March 9th) will collect additional data that are expected to be valuable in defining the presence/absence of other source areas. An updated site conceptual model will be provided in the RI report, and will include a detailed evaluation of both source areas and migration pathways as defined by the data.

7. Figures 19 to 22 – Clarify whether the displayed results are composites (e.g., average) or the highest detections for sampling locations where more than one sample was collected for the depth interval displayed on each map. VP-19 is mislabeled VP-17 on Figure 19.

Response: Where more than one result was available for a given depth, the higher concentration was used.

8. Prepare contour maps for total VOCs, PCE, and Freon 113 (plus any other compounds that OPOG/CDM selects) in addition to the pie chart maps (Figures 19 to 22). The contours will indicate potential source areas as well as locations where additional sampling is needed.

Response: Contour maps have been prepared and are provided in the attached PowerPoint file.

9. Attachment 2 - The boring logs show only two colors for all soil types described: brown and dark brown. Munsell soil color charts should be used in future sampling to more objectively describe the soil color. The standardized color classification helps characterize the depositional environment; this information in turn allows inferring the properties and geometry of lithologic units. Describe the rock type of the clast (e.g., granitic, quartz, siltstone, sandstone, etc.) instead of just "rock fragments", some of which were over an inch across. Knowing if the clast material was derived from the Puente Hills or from more distant granitic/metamorphic outcrops would help determine its depositional environment (e.g., alluvial fan, fluvial channels, etc.).

Response: Future descriptions (e.g., in the RI report) will be done using Munsell soil color charts, and the lithology of large clasts noted.

10. Page 2, 2nd par. – State how the elevations were surveyed (e.g., using GPS?) and what is the (approximate) accuracy of the elevations. This is for documentation; high accuracy (such as for well casing elevations) is not requested for this survey.

Response: The elevations were surveyed using an automatic level (rented from a professional surveying equipment provider) with four OPOG wells (OW-1, OW-2, OW-3, and OW-7) used as reference points. Estimated accuracy of the measurements is +/- 0.1 feet.

11. Section 4, Figure 33 – Additional locations: Add two soil vapor (SV) probes between the Omega property and Whittier Boulevard (northeast of VP-19 and northeast of the 3 Kings Construction building), per general comment 4 of EPA's November 10, 2005 letter (the original comment did not specify the number of sampling locations). Add one MIP/VP location near the corner of Washington Boulevard and Putnam Street to characterize the extent of contamination southeast of MIP-22/VP-18 and the potential for indoor air vapor intrusion. Add one MIP/VP location southwest of MIP-25 (northwest of VP-17) to characterize the extent of contamination northwest of VP-17/MIP-19. Add one MIP/VP location southwest of MIP-19/VP-17 across Putnam Street. Add one MIP/VP location between MIP-27 and MIP-28, in the direction of the suspected liquid-phase transport pathway from the release area (near MIP-3) via MIP-21/VP-14.

Response: Based on the call with EPA on February 13, 2006, proposed MIP and vapor sampling locations are shown in the map that is the last slide of the attached PowerPoint file. OPOG/CDM is attempting to find accessible locations for the two requested vapor probes along Whittier Blvd. The requested MIP/VP location near the corner of Washington Blvd. and Putnam St., southwest of MIP 22, will be installed in the next event. The proposed MIP/VP locations to north (VP-26 and VP-27 to the northeast, VP-28 to the west, and VP-29 to the northwest) will initially be limited to soil vapor sampling only. The proposed location between proposed MIP-27 and MIP-28 will be contingent on the results from those two locations.

Drilling of the seven proposed MIP borings (MIP-25 through MIP-31) is estimated to require four days to complete and is scheduled for February 27th through March 2nd. Drilling and sampling of the 11 VP borings (VP-20 through VP-30) is estimated to require four days to complete and is scheduled for March 6th through March 9th. Following completion of the currently proposed MIP and VP sampling, the contingent MIP sampling, if required, has been tentatively scheduled for the week of March 27th.

12. Section 4, Figure 33 – Contingency locations: Add one contingency MIP/VP step-out further northwest of MIP-25; this location will be sampled if contamination is found at MIP-25. Contingency MIP/VP locations should be cleared southwest of MIP-21, MIP-22, MIP-23, and southwest of the requested MIP/VP (northwest of MIP-26, south side of Putnam Street); these will be sampled if contamination is found at the locations south of Putnam Street. These locations will also be used to asses the potential for indoor air vapor intrusion. A contingency MIP/VP location should be cleared southeast of MIP-29; this location will be sampled if contamination is found at MIP-29. A contingency MIP/VP location should be cleared southeast of MIP-30 (northeast of MIP-29); this location will be sampled if contamination is found at MIP-

29 or MIP-30. EPA will provide on-site representation to allow real-time decisions regarding sampling at the contingency locations.

Response: We will attempt to obtain access to the general contingency locations agreed to on the February 13th call with EPA. Specifically, we will identify and contact landowners for all potential step-out locations. Per the February 13th conference call, due to MIP rig availability, it is expected that the contingent locations will be sampled during the week of March 27th. These locations may be modified after the results of the sampling during the weeks of February 27th and March 6th are completed and the data evaluated. Contingent locations will be sampled if the currently proposed sampling identifies significant contaminant concentrations suggesting that a migration pathway is present.

13. Collect soil samples for VOC analysis from depth intervals of highly contaminated soil identified by the MIP responses.

Response: Soil sampling will be performed at MIP-8 and MIP-22 locations showing the highest relative detector responses.

Omega Contour Maps and Additional Sampling Locations

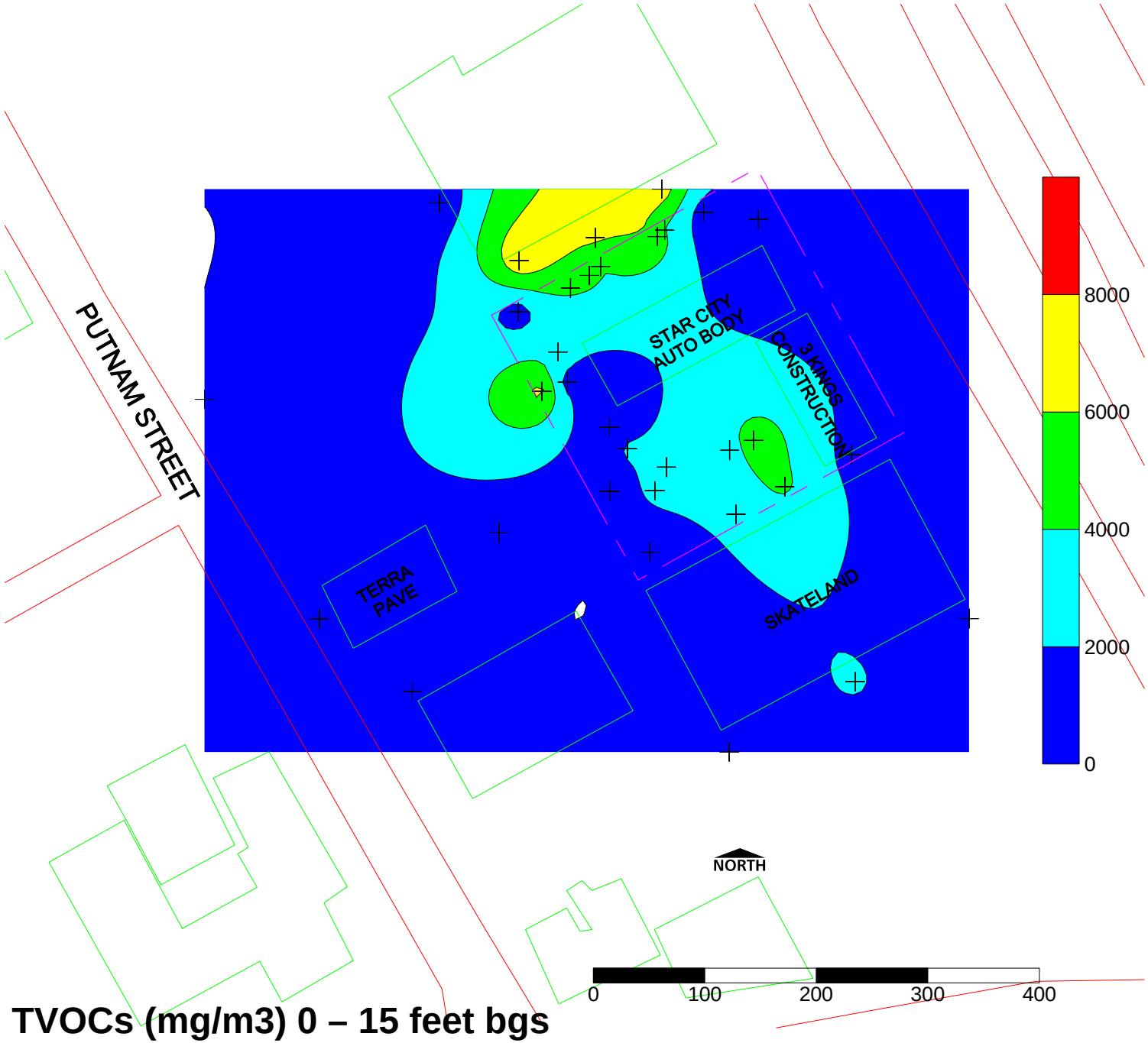


Figure 1. TVOCs (mg/m3) 0 – 15 feet bgs

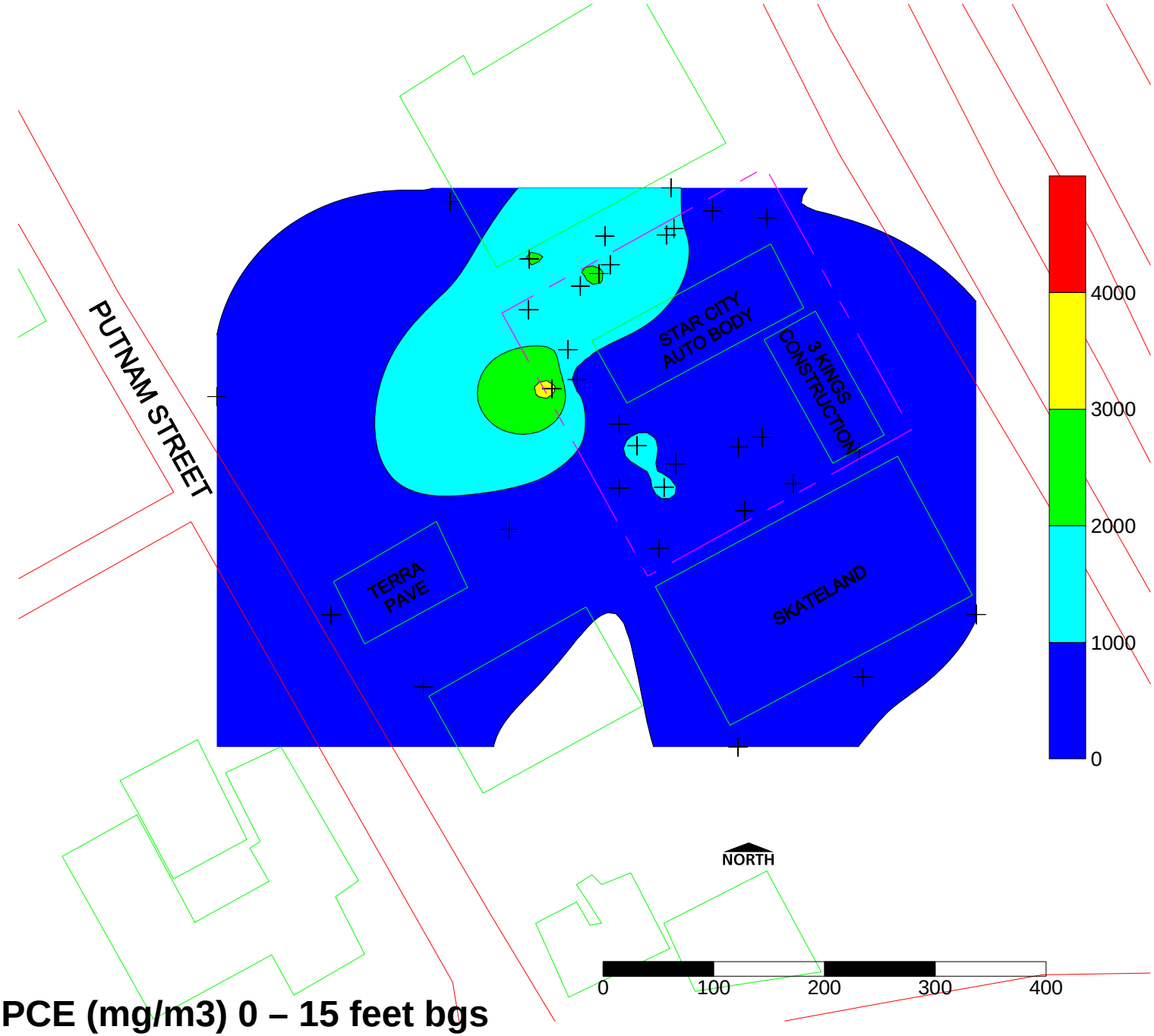


Figure 2. PCE (mg/m3) 0 – 15 feet bgs

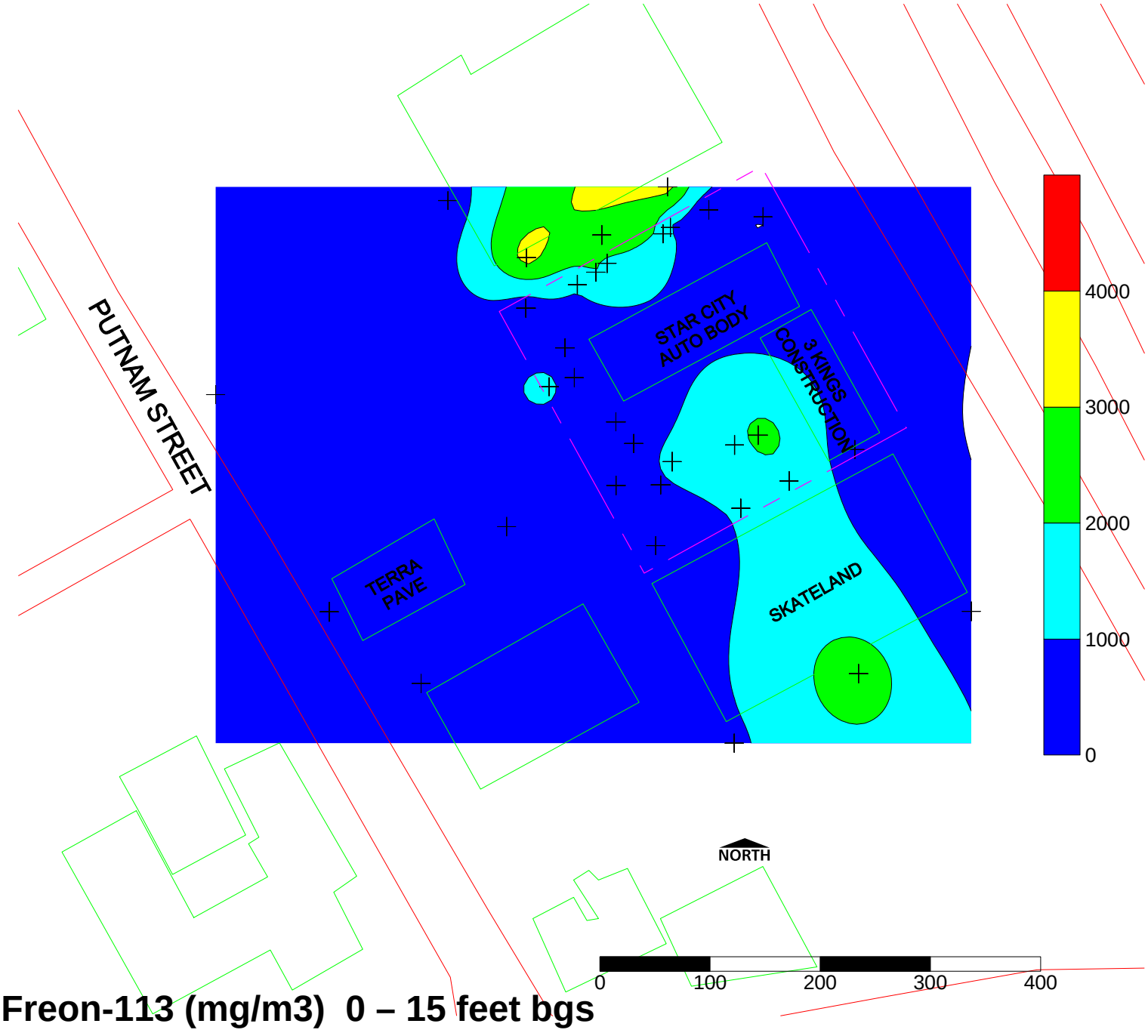


Figure 3. Freon-113 (mg/m3) 0 – 15 feet bgs

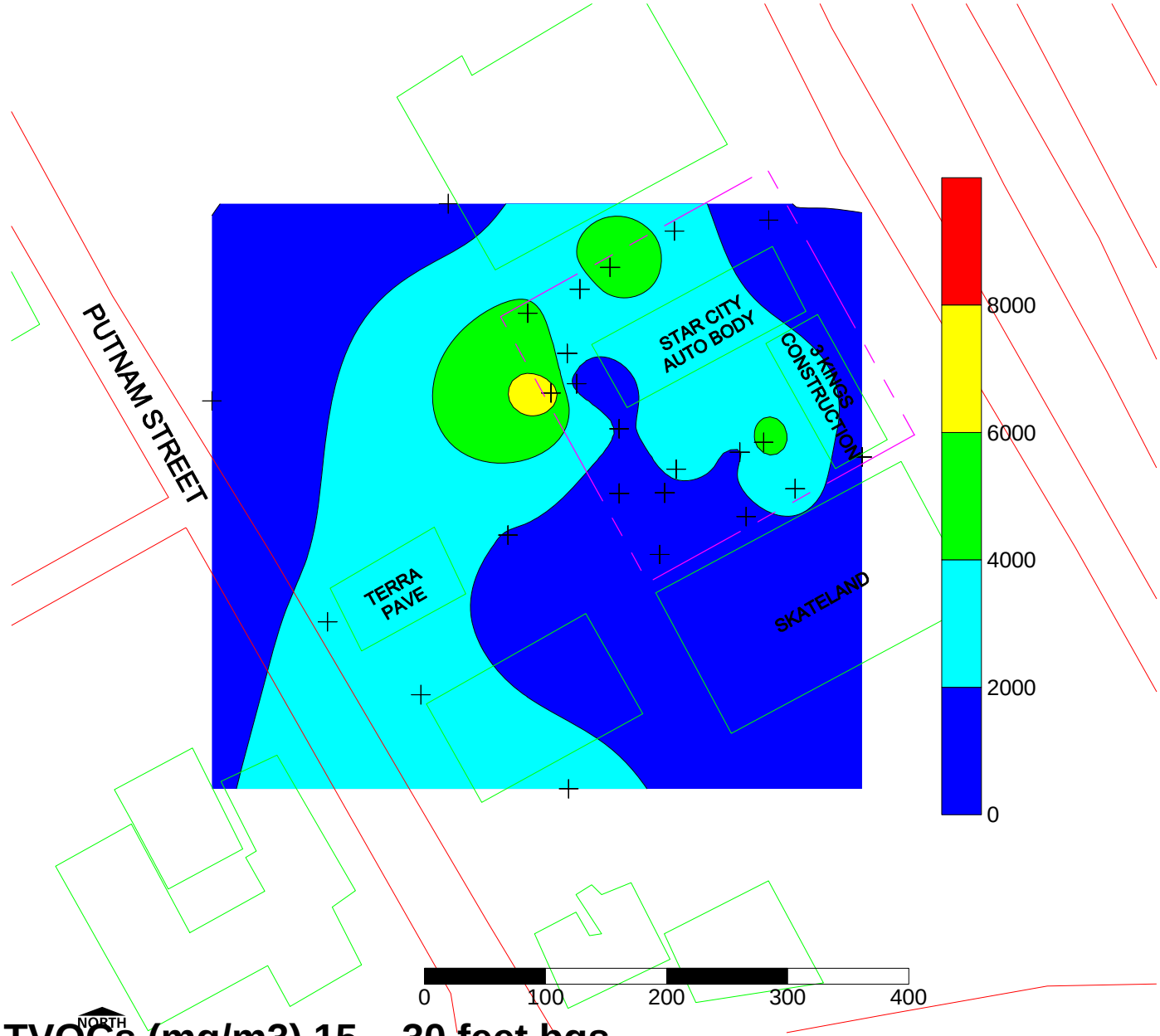


Figure 4. TVOCs (mg/m3) 15 – 30 feet bgs

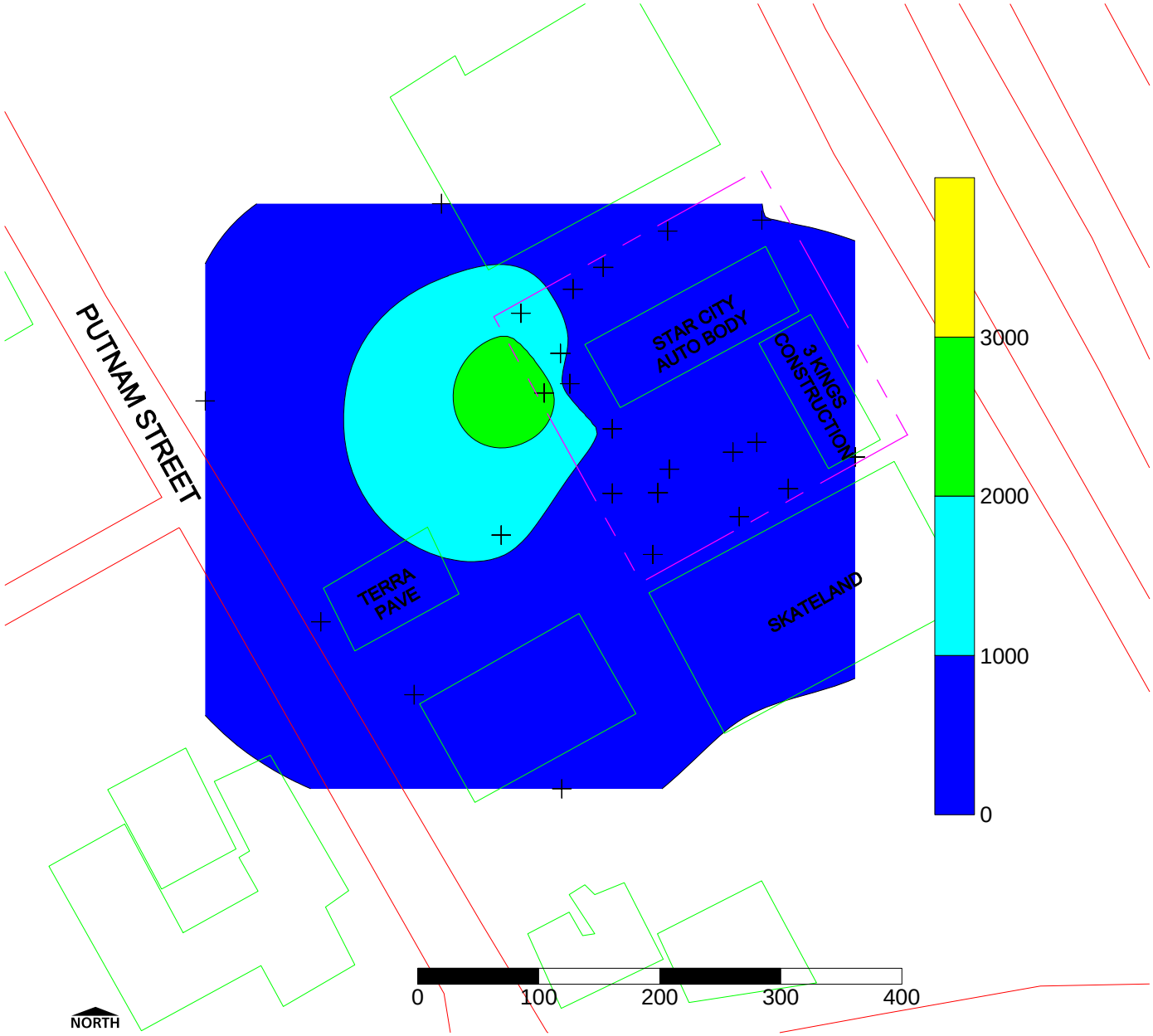


Figure 5. PCE (mg/m3) 15 – 30 feet bgs

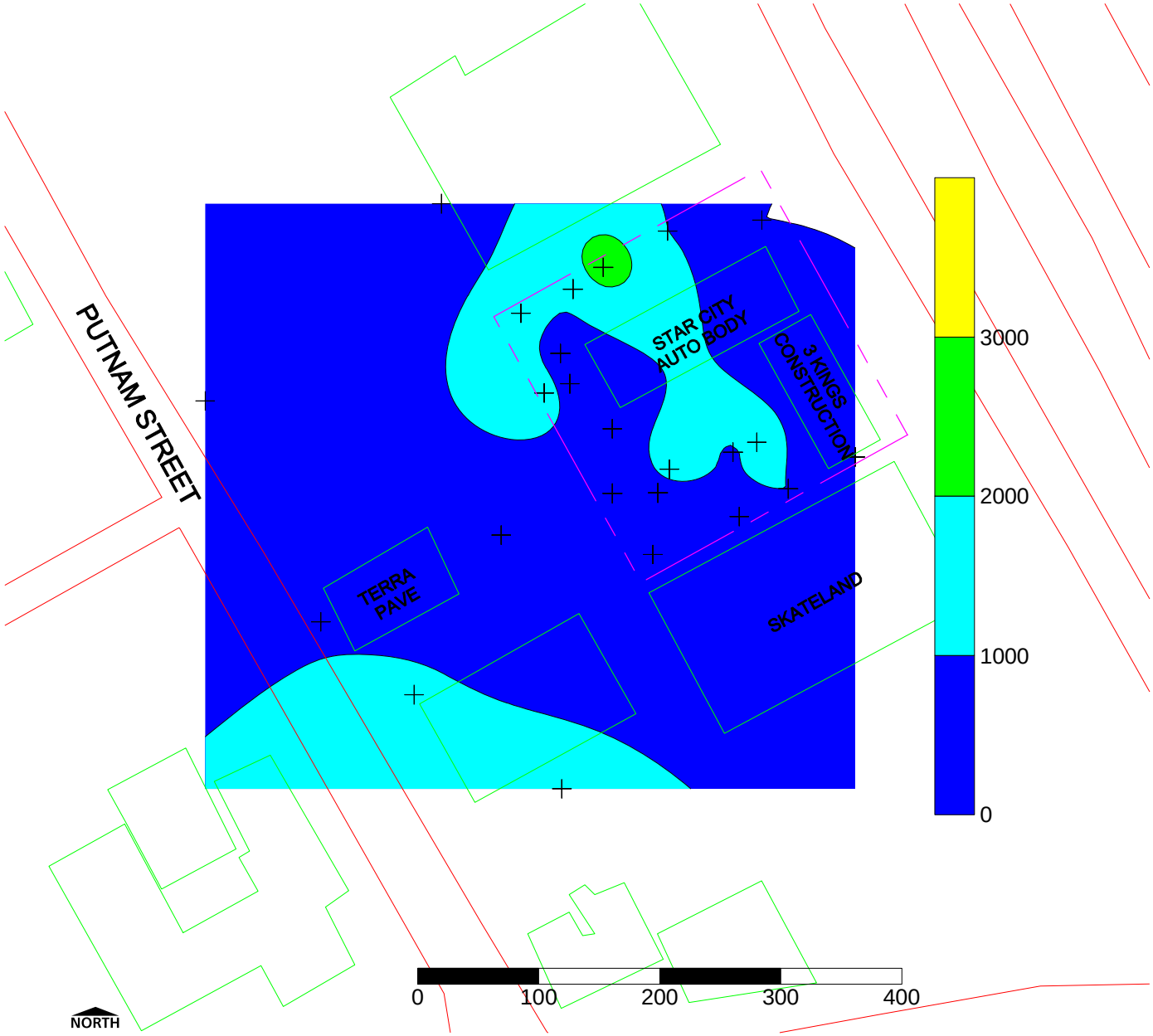


Figure 6. Freon-113 (mg/m3) 15 – 30 feet bgs

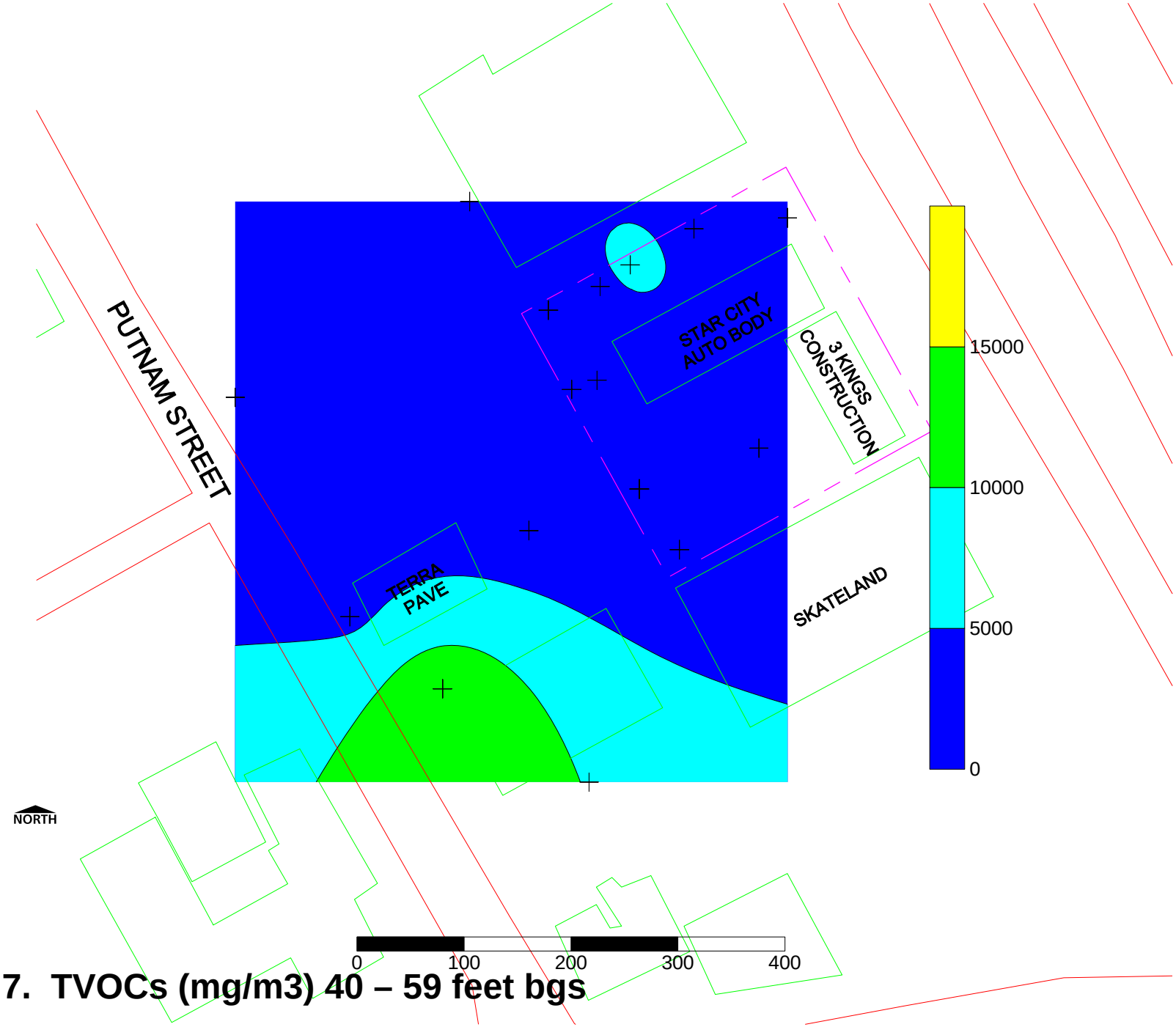


Figure 7. TVOCs (mg/m3) 40 – 59 feet bgs

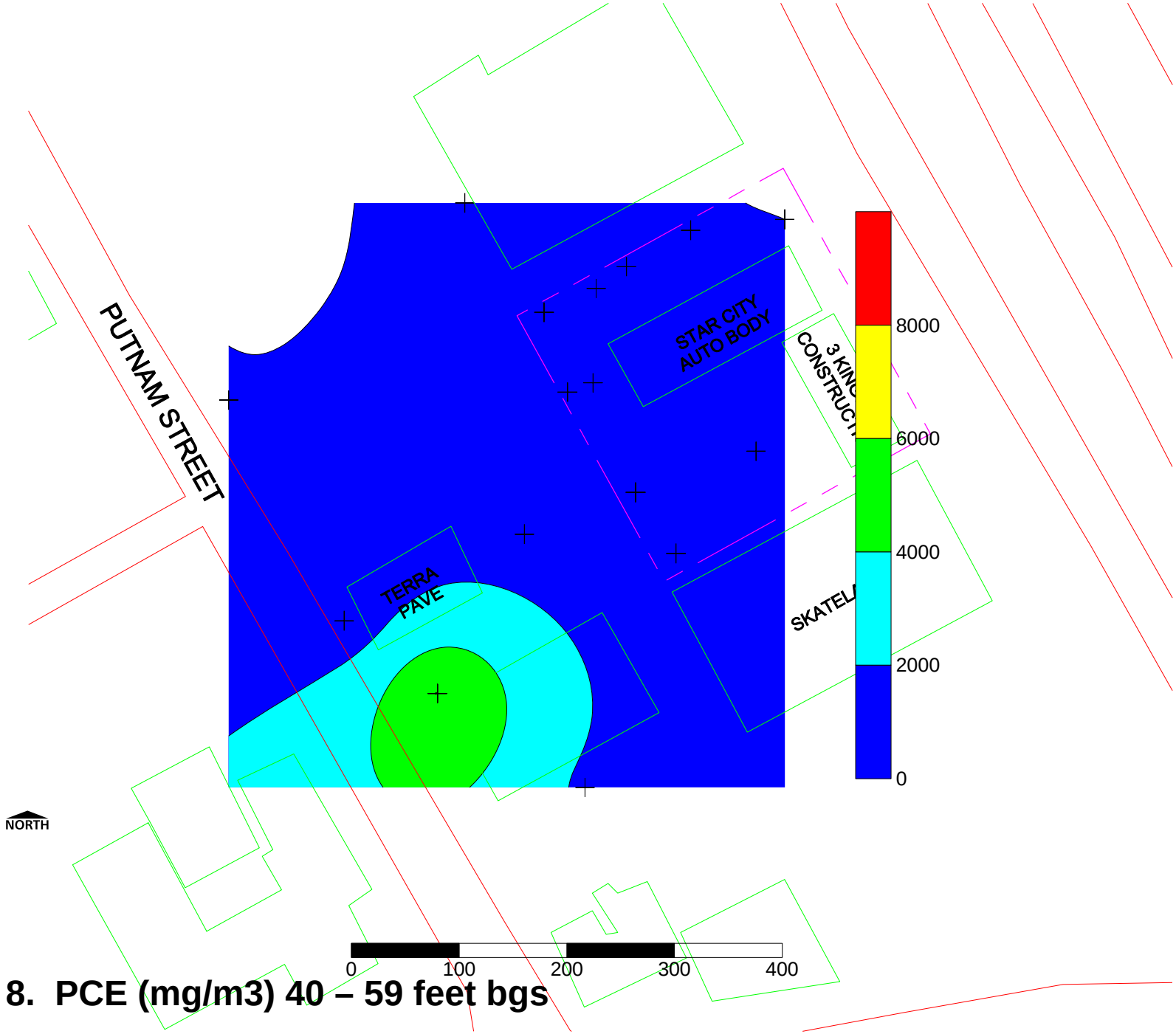


Figure 8. PCE (mg/m3) 40 – 59 feet bgs

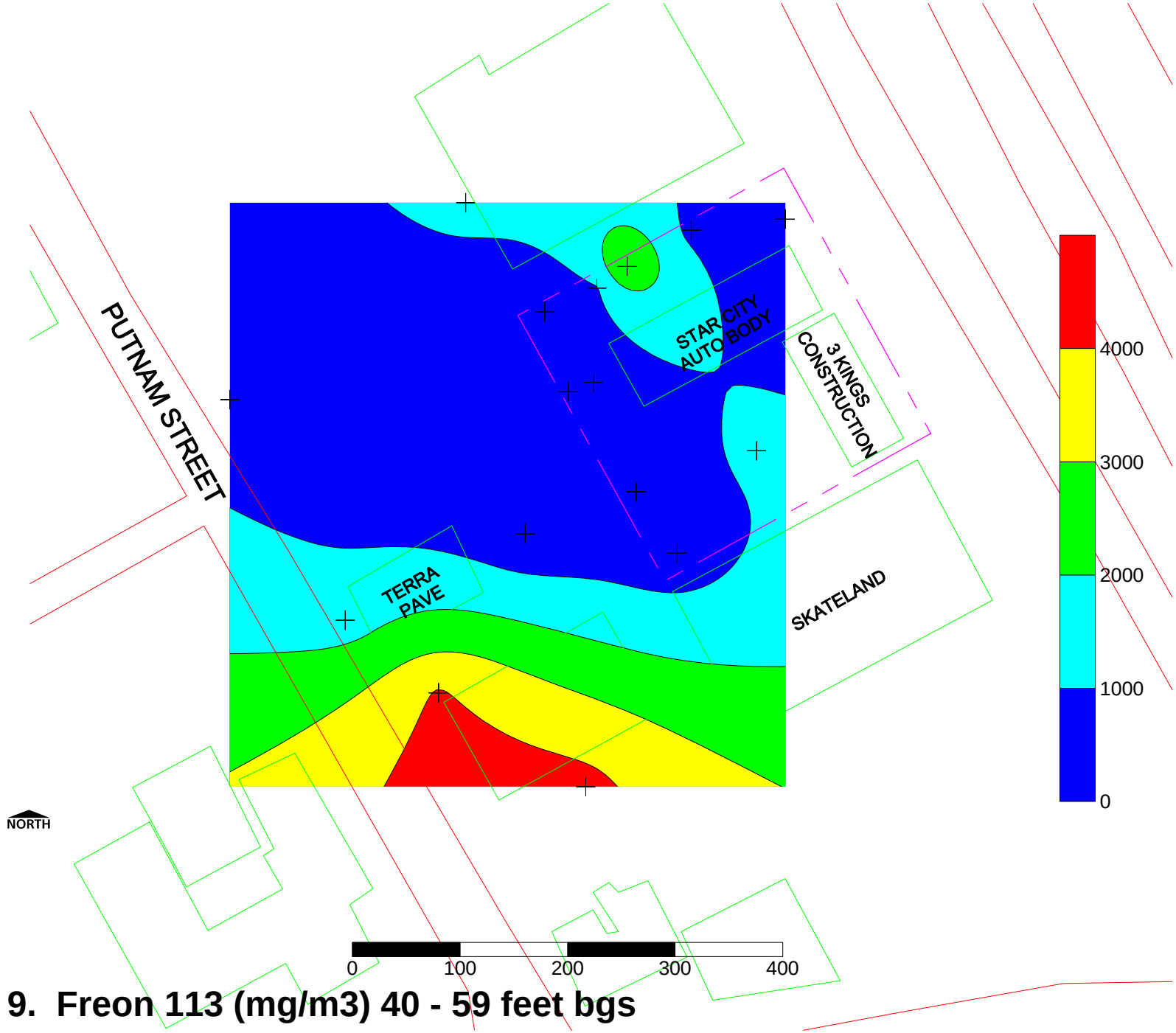


Figure 9. Freon 113 (mg/m3) 40 - 59 feet bgs

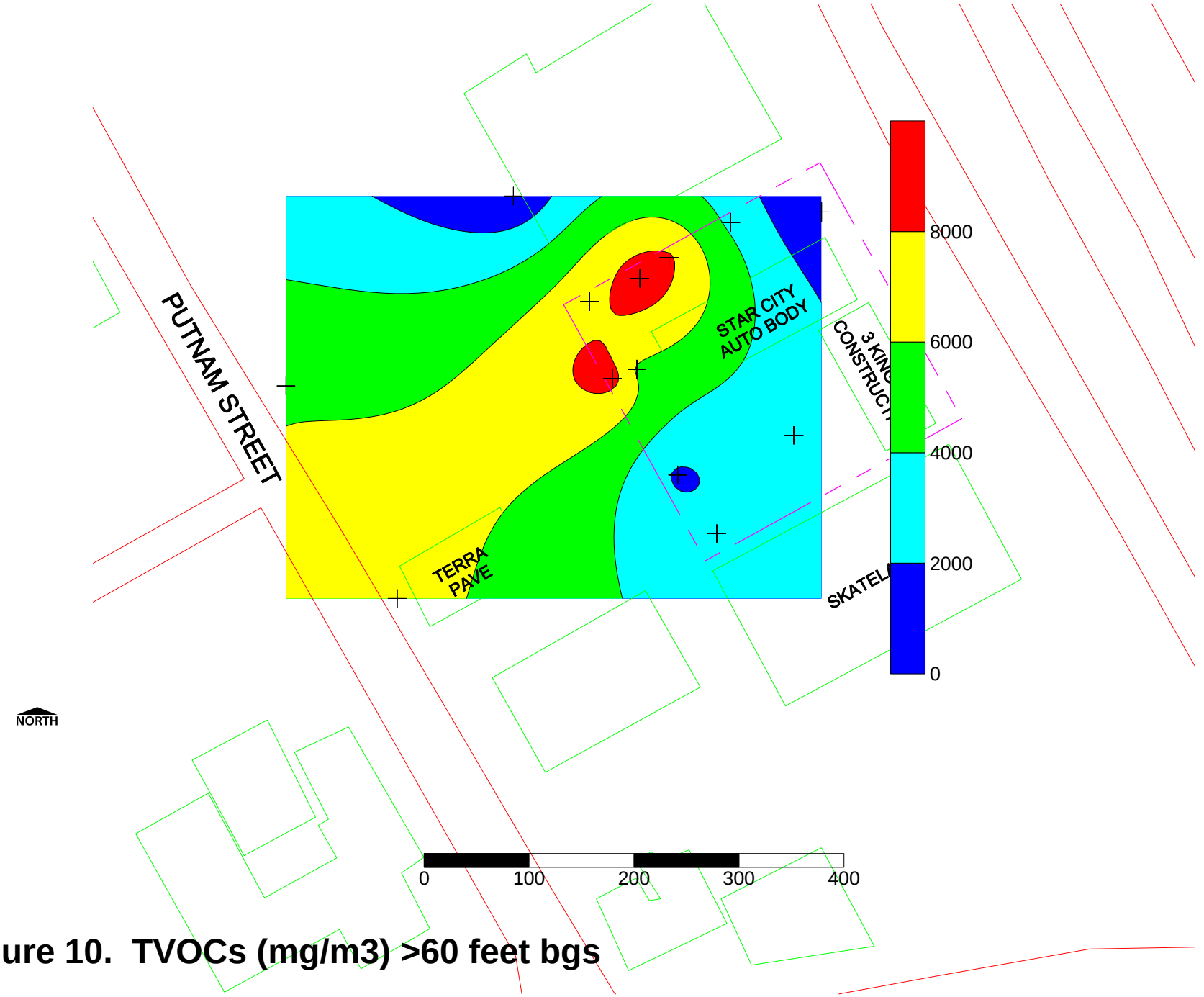


Figure 10. TVOCs (mg/m3) >60 feet bgs

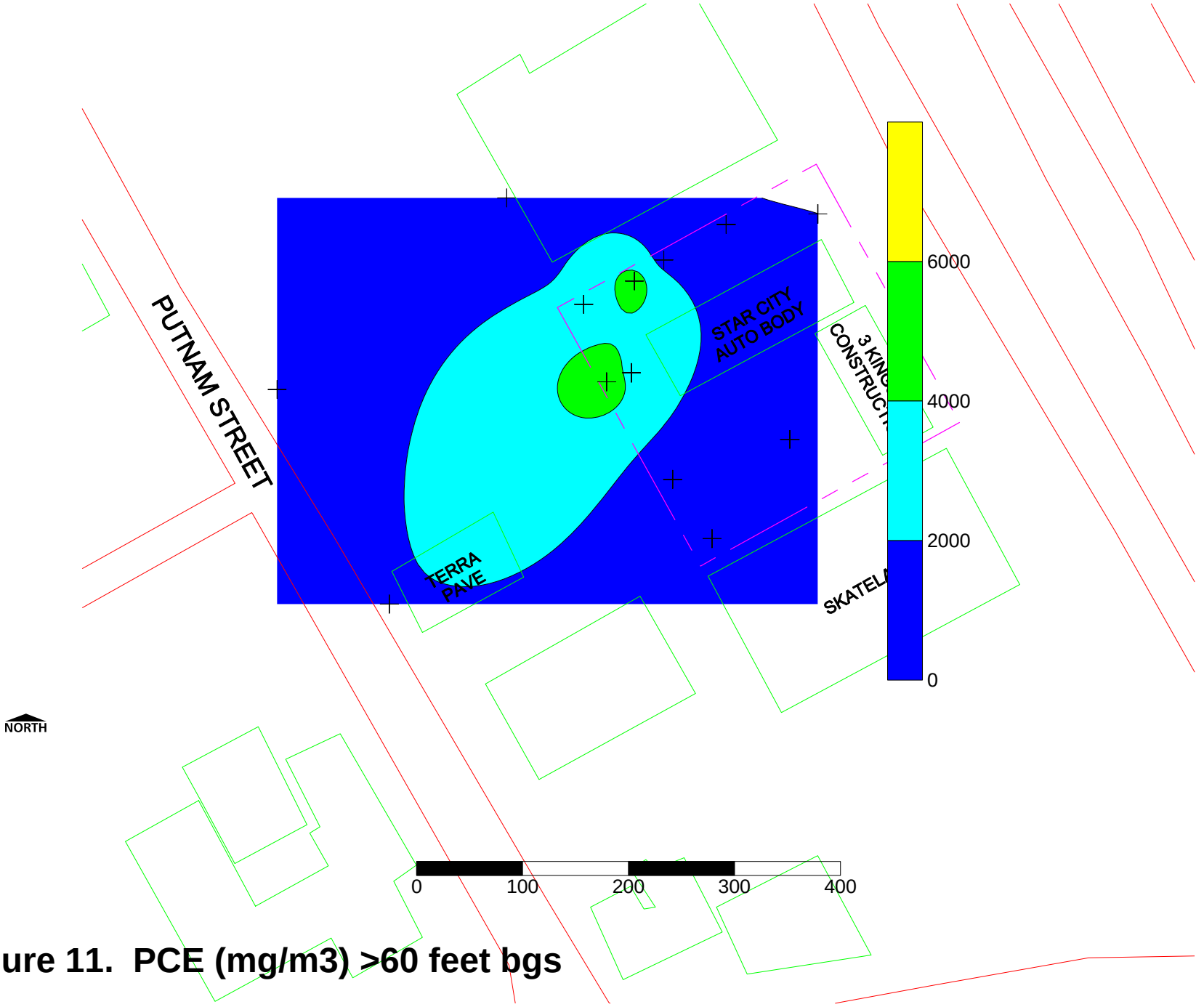


Figure 11. PCE (mg/m3) >60 feet bgs

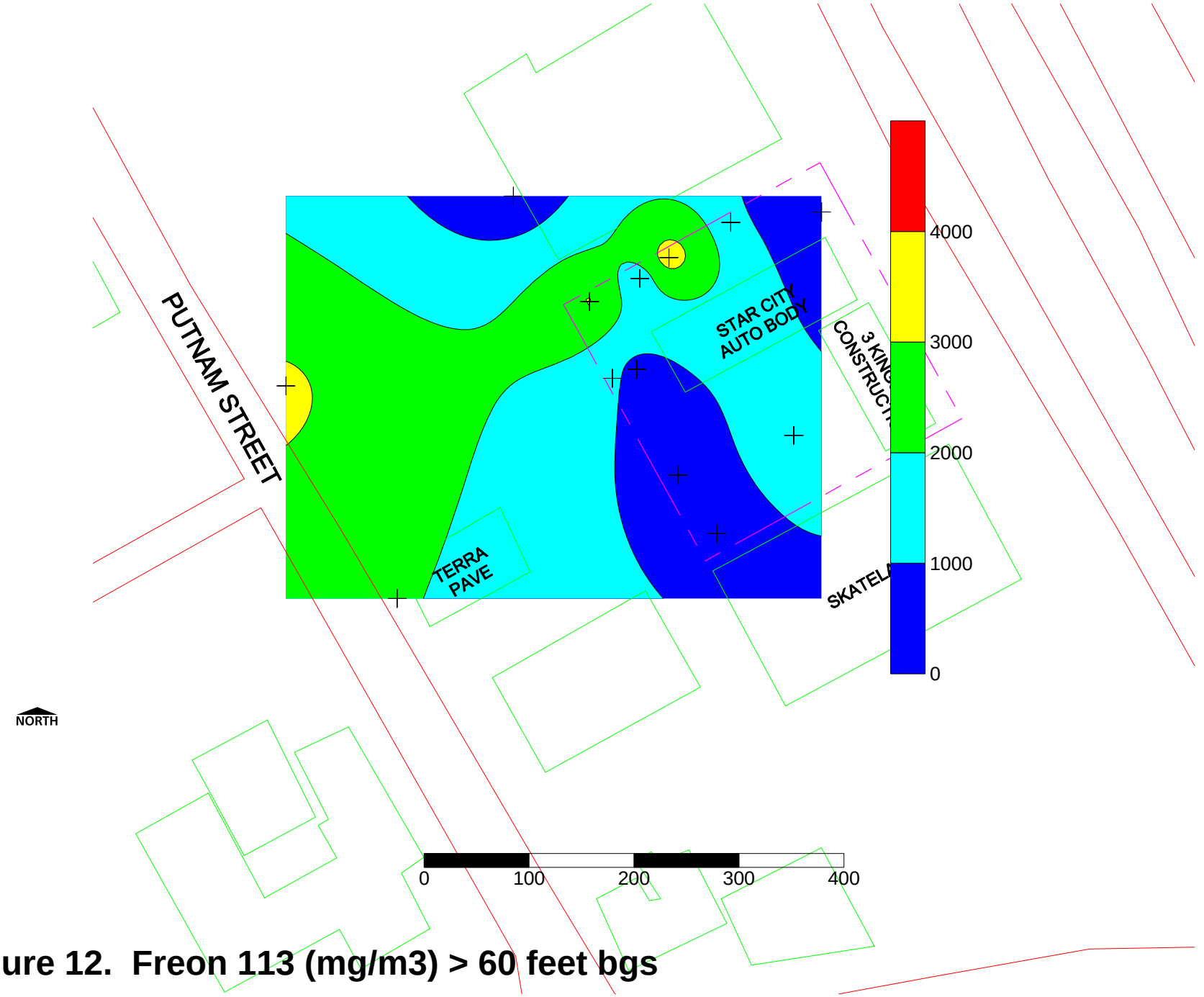


Figure 12. Freon 113 (mg/m3) > 60 feet bgs

Cross Section Visualization of ECD Sensor Reading

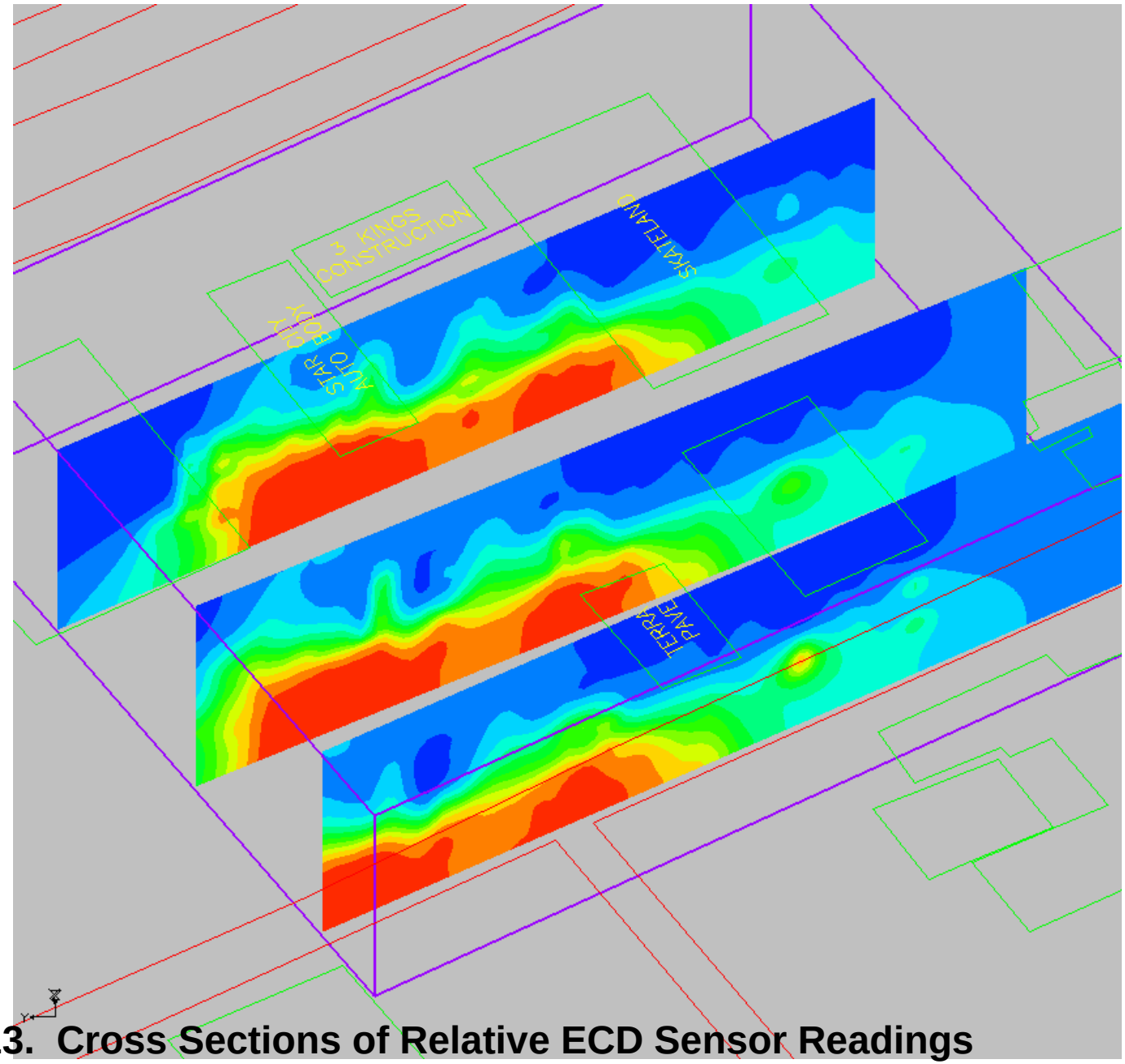


Figure 13. Cross Sections of Relative ECD Sensor Readings

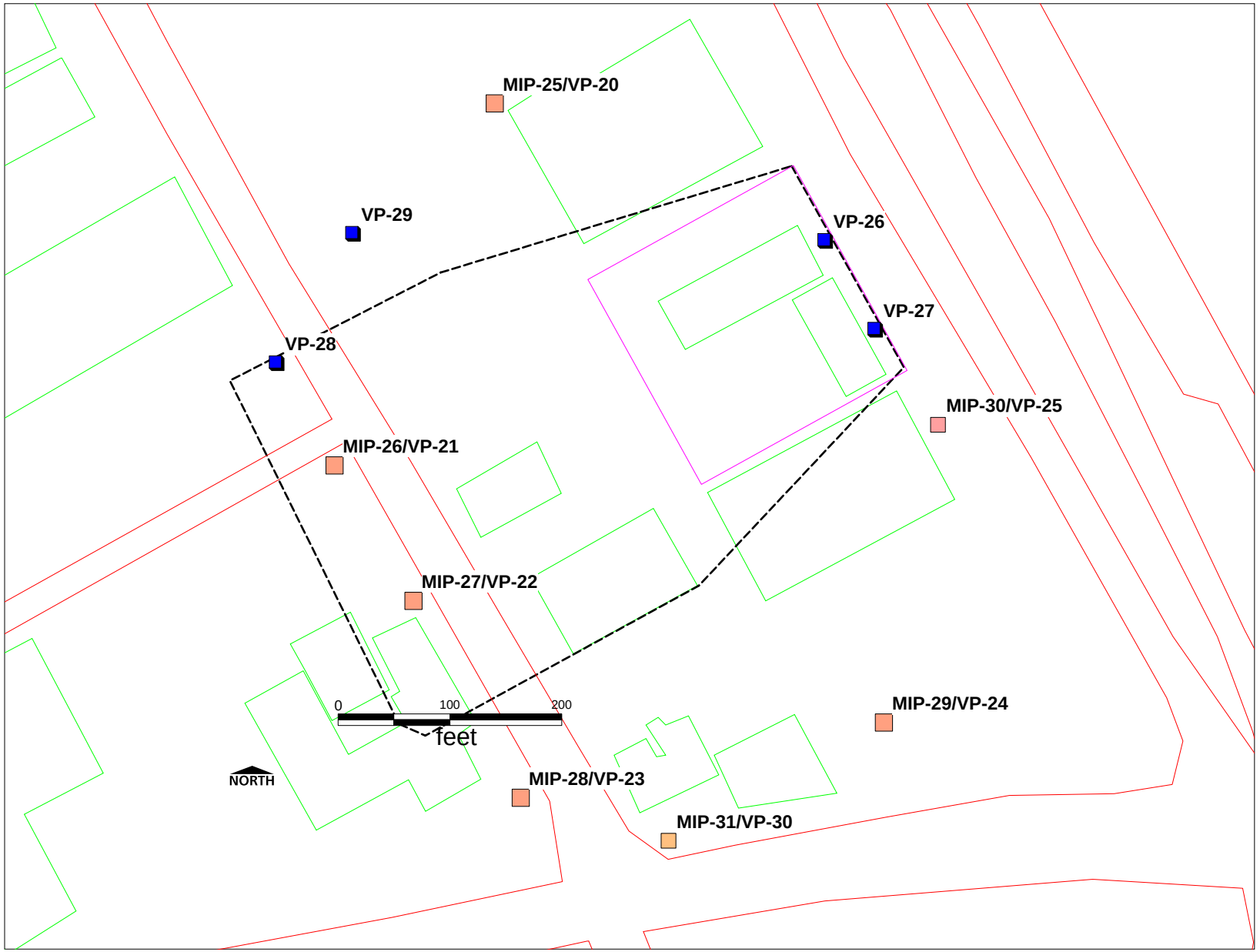


Figure 14. Additional Field Investigation Sites

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

February 8, 2006

Mr. Edward Modiano
OPOG Project Coordinator
De Maximis, Inc.
5225 Canyon Crest Drive, Building 200, Suite 253
Riverside, CA 92507

RE: On-Site Soils RI/FS Work Plan Addendum No. 2 Summary of Initial Findings from Soil Vapor and MIP Sampling, Omega Chemical Superfund Site, CDM, January 27, 2006

Dear Mr. Modiano:

The purpose of this letter is to provide EPA's comments on the subject document. The comments are separated into General Comments and Specific Comments. The comments should be incorporated into a revised document and re-submitted to EPA within 30 days.

General Comments

1. Comment numbers 3 and 6 from EPA's letter dated November 10, 2005 were addressed, the remaining comments are pending. Comments related to additional sampling and data evaluation should be incorporated into the subject document and the upcoming field investigation. The remaining comments should be addressed in future documents.

2. EPA wants OPOG to perform one final field data collection effort before preparing the Remedial Investigation (RI) report. A synthesis of all on-site soil investigation data is necessary to understand the distribution of contaminants in the vadose zone and the lithology, and to plan the final field investigation effort such that it will complete the vadose zone characterization. Now is the time to perform the data analysis that will support and become part of the RI report; a field sampling effort that leads to a successful completion of the site characterization will demonstrate a sufficient understanding of the site contaminant distribution (i.e., the sampling is intended to confirm the conceptual model of the contaminant distribution in the vadose zone at OU-1). The sampling must satisfy the objectives and criteria specified in Section 2 of the Final On-Site Soils RI/FS Work Plan Addendum No. 2, dated August 17, 2005. The evaluation will provide higher certainty that the field investigation will be completed. Specific comments below and in EPA's November 10, 2005 letter address the additional evaluation to be performed and sampling approach to be implemented.

3. Clarify what is meant by the term "source" in various parts of the document. Clarify, as necessary, whether "source" means an area with high contaminant concentrations in soil (i.e., a source term in the context of contaminant fate and transport) or if it is an indication of the release of hazardous waste by a third party.

Specific Comments

1. MIP-1 is located in highly contaminated soil that should be considered a "source area", similar to the MIP-3 location. This would explain relatively high soil gas concentrations along the Medlin & Sons property boundary.

2. Figures 15 to 19 are not legible (sample location labels and concentrations overlap).

3. Page 4, 3rd par. - The text says that the PID/ECD and soil gas/soil analytical results "compare very favorably". There is good agreement at some locations (e.g., MIP-3) but not at others (e.g., MIP-18). See also general comment 2 in the EPA letter of November 10, 2005.

4. It would be helpful to better characterize the lithologic character of the 30-foot clay layer (see also comment 9 below). This high conductivity zone does not always correlate to clay layers identified in boring logs. It may be a paleosoil horizon with high content of clay minerals causing its conductivity response signature. Its dip to the southwest also suggests that this material formed in the depositional direction of the alluvial fan derived from the Puente Hills. Soil samples for visual description and laboratory analysis should be taken from the new borings.

5. Page 5, 1st par. – The VOC signature shown by pie charts is the same or similar for samples taken north of the Omega property and for samples taken along the southern boundary of the Omega property and south of Skateland. This is likely the result of chemical partitioning and degradation, or time and mechanism of release, rather than an indication of source areas outside the Omega property. The text implies a source of freons at the Medlin & Sons property but not in the area south of Skateland. The text further states that an increase of PCE with depth may be due to the volatilization of contaminants dissolved in groundwater; then the relative increase of freons in shallower depths would be consistent with this vapor phase transport pathway (see comment 19 in the EPA letter dated November 10, 2005). Similarly, the increased percentage of PCE southwest of the Omega property may be the result of migration of the waste liquids atop the 30-foot clay and along the water table in the southwest direction rather than an indication of another source in an area adjacent to the Omega property. The soil vapor data support the following conceptual transport model: Liquid phase contamination (as NAPL and dissolved in pore water) moved from the release area at the Omega property (likely near MIP-3) atop of the 30-foot clay layer primarily in the southwest direction, penetrating the layer, and reaching groundwater along the way. The transport in the northwestern to western and southern to southeastern directions (and also transport to the northeast) was predominantly in the vapor phase. As a result, relative PCE concentrations are high along the liquid phase pathway and Freon 113 concentrations relatively increase along the vapor phase pathway.

6. Page 6, 2nd par. – The last sentence "This suggests that other sources are present." should be further supported or qualified (e.g., "may be present"), and explained (see general comment 3). It is possible that liquid waste releases at the ground surface on the Omega property resulted in contaminant migration via subsurface materials in the shallow zone to the area south of Skateland.

7. Figures 19 to 22 – Clarify whether the displayed results are composites (e.g., average) or the highest detections for sampling locations where more than one sample was collected for the depth interval displayed on each map. VP-19 is mislabeled VP-17 on Figure 19.

8. Prepare contour maps for total VOCs, PCE, and Freon 113 (plus any other compounds that OPOG/CDM selects) in addition to the pie chart maps (Figures 19 to 22). The contours will indicate potential source areas as well as locations where additional sampling is needed.

9. Attachment 2 - The boring logs show only two colors for all soil types described: brown and dark brown. Munsell soil color charts should be used in future sampling to more objectively describe the soil color. The standardized color classification helps characterize the depositional environment; this information in turn allows inferring the properties and geometry of lithologic units. Describe the rock type of the clast (e.g., granitic, quartz, siltstone, sandstone, etc.) instead of just "rock fragments", some of which were over an inch across. Knowing if the clast material was derived from the Puente Hills or from more distant granitic/metamorphic outcrops would help determine its depositional environment (e.g., alluvial fan, fluvial channels, etc.).

10. Page 2, 2nd par. – State how the elevations were surveyed (e.g., using GPS?) and what is the (approximate) accuracy of the elevations. This is for documentation; high accuracy (such as for well casing elevations) is not requested for this survey.

11. Section 4, Figure 33 – Additional locations: Add two soil vapor (SV) probes between the Omega property and Whittier Boulevard (northeast of VP-19 and northeast of the 3 Kings Construction building), per general comment 4 of EPA's November 10, 2005 letter (the original comment did not specify the number of sampling locations). Add one MIP/VP location near the corner of Washington Boulevard and Putnam Street to characterize the extent of contamination southeast of MIP-22/VP-18 and the potential for indoor air vapor intrusion. Add one MIP/VP location southwest of MIP-25 (northwest of VP-17) to characterize the extent of contamination northwest of VP-17/MIP-19. Add one MIP/VP location southwest of MIP-19/VP-17 across Putnam Street. Add one MIP/VP location between MIP-27 and MIP-28, in the direction of the suspected liquid-phase transport pathway from the release area (near MIP-3) via MIP-21/VP-14.

12. Section 4, Figure 33 – Contingency locations: Add one contingency MIP/VP step-out further northwest of MIP-25; this location will be sampled if contamination is found at MIP-25. Contingency MIP/VP locations should be cleared southwest of MIP-21, MIP-22, MIP-23, and southwest of the requested MIP/VP (northwest of MIP-26, south side of Putnam Street); these will be sampled if contamination is found at the locations south of Putnam Street. These locations will also be used to asses the

potential for indoor air vapor intrusion. A contingency MIP/VP location should be cleared southeast of MIP-29; this location will be sampled if contamination is found at MIP-29. A contingency MIP/VP location should be cleared southeast of MIP-30 (northeast of MIP-29); this location will be sampled if contamination is found at MIP-29 or MIP-30. EPA will provide on-site representation to allow real-time decisions regarding sampling at the contingency locations.

13. Collect soil samples for VOC analysis from depth intervals of highly contaminated soil identified by the MIP responses.

If you have any questions about these comments please call me at (415) 972-3149.

Sincerely,

Chris Lichens
Superfund Project Manager

cc: Lori Parnass, DTSC
Tom Perina, CH2M Hill
Dave Chamberlin, CDM

CDM

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Memorandum

To: *Chris Lichens - USEPA*

From: *Dave Chamberlin - CDM*
Mike Smith - CDM

Date: *January 27, 2006*

Subject: *On-Site Soils RI/FS Work Plan Addendum No. 2*
Summary of Additional Findings from Soil Vapor and MIP Sampling
Omega Chemical Superfund Site
10500-37240-T2.OSS.OSS3
10500-5.2.3

1.0 Objectives

The purpose of this memorandum is to provide the results of the December 2005 Membrane Interface Probe (MIP), soil vapor and soil sampling field programs, and to recommend locations for additional sampling to meet the objectives defined in the Final On-Site Soils RI/FS Work Plan Addendum No. 2, dated August 17, 2005 (Work Plan). Initial MIP and soil vapor sampling results from the September 2005 sampling round were provided to USEPA in a Technical Memorandum dated November 1, 2005. The December 2005 data (the subject of this memorandum) were provided to EPA electronically on January 13, 2006.

Specific objectives of this memorandum include:

- Present updated findings based on evaluation of the MIP, soil vapor and soil results obtained to date

- Establish a sound technical basis for designing and implementing a supplemental sampling program to meet the program objectives

2.0 Field Program Summary

The second round of MIP sampling was conducted between December 5 and December 19, 2005. A total of 10 probes (MIP- 16 through MIP-24 with one re-probe) were pushed using a

Geoprobe direct-push rig equipped with a soil conductance probe and MIP sensor. The MIP probes were installed by Vironex, Inc., Santa Ana, California. Three of the borings reached the target interval near the water table at a depth of about 70 to 80 feet (MIP-17, 18, and 20). The other seven borings encountered refusal at shallower depths as follows:

MIP-16 at 45 feet	MIP-16a (a re-probe of MIP-16) at 62 feet
MIP-19 at 62 feet	MIP-21 at 59 feet
MIP-22 at 64 feet	MIP-23 at 36 feet
MIP-24 (added as a step-out from MIP-23) at 59 feet	

Figure 1 shows the locations of all 2005 MIP borings. The elevations of the MIP borings were determined relative to existing wells at the completion of the field work to allow incorporation of the data into the site conceptual model. The elevations of all of the 2005 Geoprobe locations were determined relative to other wells at the site that have been surveyed.

The MIP investigations provide logs of total VOC relative concentrations using three detectors, and a continuous record of soil conductivity. The electron capture detector (ECD) is the most sensitive detector and provides a measure of the total chlorinated hydrocarbon compounds that are volatilized at the heated sensor probe. A photo ionization detector (PID) detects the higher concentration range for the organic compounds, while the flame ionization detector (FID) will detect other organic compounds, such as methane. The soil conductivity probe measures the electrical conductivity of the soil, which is related to the presence of fine-grain size and clay materials. A low soil conductance indicates a sandy or silty facies with fewer clays, while a higher soil conductance is indicative of clayey material. Additional operational data are also recorded, including the temperature at the MIP tool and the logging speed. Logs showing the results from the 10 MIP borings (MIP-16a and MIP-16 through MIP-24) are presented in Attachment 1.

Forty two soil vapor samples and five duplicate samples were collected from seven locations (VP-13 through VP-19) during December 12 through 15, 2005. All of the samples were analyzed for volatile organic compounds (VOCs) using EPA Method TO-15. Nine of the soil vapor samples were also analyzed for methane. The locations of the September and December 2005 soil vapor probe locations are provided on Figure 2. These locations were obtained in the field by measuring distances to site features, thus the locations are accurate to within a few feet for the northing and easting coordinates.

Sixteen soil samples and two duplicate samples were collected from three boreholes (B1/ MIP-14, B-2/MIP-3 and B-3/MIP-1) from December 16 through 19, 2005. All of the soil samples were analyzed for VOCs using EPA Method 8260B; total organic carbon using EPA Method 9060; 1,4-dioxane using EPA Method 8270CM; and moisture content using ASTM Method D2216. In addition, selected samples were also analyzed for bulk density and porosity. Geophysical logs, including natural gamma, deep induction and shallow induction logs, were completed in these borings and are also included in Attachment 1.

3.0 Preliminary Evaluation

Evaluation of the September 2005 MIP soil conductivity logs (the initial MIP borings) identified several characteristics that extend over the area of that investigation. In particular, as was described in the November 1, 2005 memorandum to EPA:

> The interval from land surface to approximately 30 feet exhibits interbedded high and low soil conductivity materials. A distinctive high soil conductivity marker bed, interpreted as a clayey zone, is apparent on all of the MIP borings that penetrated to a sufficient depth. This zone ranges from 6 to 10 feet thick and was typically encountered starting at a depth of 31 to 34 feet. This will be referred to as the "30 foot zone". The marker bed has a characteristic double peak signature, with a lower conductivity interbed in the middle of this unit likely consisting of a siltier lithology. Nearly all borings on the site show a 1 to 4 foot thick unit with a lower soil conductance, interpreted to be a sandy to silty lithology with less clay, overlying this unit. A similar lower conductance unit underlies the clayey zone at most locations on site. Another feature observed on the soil conductance logs is the presence of low soil conductance materials located near the water table.

This distinctive "30-foot" clay unit was also encountered at all of the new MIP borings that were completed in December. Lower conductance materials interpreted as sandy intervals were encountered below the "30-foot" clay and above the water table at the following probe locations:

- MIP-19 57 – total depth
- MIP-20 57 – 76 feet
- MIP-21 55 – total depth
- MIP-22 55 – total depth
- MIP-24 57 – total depth

Figure 3 shows the location of cross-sections presented in this report. The top of the "30-foot" clay zone is shown on the cross-sections with a green line, and represents what is interpreted as a confining or perching zone. Figure 4 is a north northwest-south southeast section (A – A') passing through a suspected source area near the former loading dock area. Figure 5 is a near east-west cross section (B – B') along the northern extent of the Phase 1a area, while Figure 6 shows a southwest to northeast section (C – C') through the primary source area. These cross-sections illustrate the continuity of the "30-foot" clay zone at the site.

Tables 1 and 2 present the analytical results for the soil and soil vapor samples, respectively. Table 3 provides the results of geotechnical testing of selected soil samples. Attachment 2 contains the boring logs for the three boreholes from which the 16 soil samples were collected.

Figures 7 to 11 show total VOC concentrations in soil vapor samples collected approximately 10 feet from MIP locations, superimposed on MIP sensor response graphs. These figures show that the soil vapor results compare very favorably with the MIP sensor responses. In addition, Figures 12 to 14 show total VOC concentrations in soils sampled next to MIP locations plotted on MIP sensor response graphs. The soil results also compare very favorably with the MIP sensor responses. Collectively with similar figures presented in the November 1 memorandum, these figures show that MIP is appropriate as a screening tool to provide continuous lithologic and qualitative VOC contamination information over the entire vertical profile probed. The figures in Attachment 1 allow a comparison of PID readings and the soil conductivity log. As with earlier MIP results, these figures illustrate the effect of lithology on relative concentrations, where residual concentrations are typically higher in fine-grained (higher soil conductance) lithologies.

One of the primary objectives of the Work Plan was the identification of potential sources of contamination at the site. The MIP results for this round of sampling do not show the presence of elevated relative concentrations in the upper 10 feet of material. However, the soil vapor TVOC results presented for four depth ranges in Figures 15, 16, 17 and 18 indicate that the criterion for having decreasing soil vapor contaminant concentrations has not been met for all areas (see recommendations for additional sampling in Section 4). The data used to generate Figures 15 – 18 were collected between April 2004 and December 2005. While it is recognized that these results may not be directly comparable due to this time period, they have been combined for the purpose of evaluating the relative distribution of soil vapor contaminants in and around the site.

The highest concentrations of VOCs in soil vapor have been observed at VP-14, southwest of the site. Characterization of the mix of contaminants is presented in a series of "fingerprint" plots on Figures 19, 20, 21 and 22 for the same depth intervals. These figures show that the nature of contaminants in soil vapor on the former Omega property and downgradient have a

distinctive signature, with a significant PCE percentage. This PCE signature persists to the interval above the water table (>60 feet bgs). Soil vapor samples collected on the property north of the former Omega property (Medlin & Sons) show elevated VOC concentrations; however, the VOC signature is different than that observed in source areas on the Omega property, suggesting that an additional source may be present on this adjacent property. This postulated additional source appears to contribute principally Freons. The signature in the northern area persists in the downgradient direction. At depth, small increases in the percentage of PCE are observed, which may be due to off-gassing from groundwater. A similar change in the VOC signature in soil vapor is observed south of the site near the Skateland building, where minimal PCE was observed in soil vapor samples. Soil vapor samples collected from the area to the west and southwest of the former Omega property show a similar signature to that observed on the site, with an increase in the percentage of PCE observed at VP-13. This observation plus the presence of the highest total VOC concentration at VP-14 suggests that an additional PCE source may be present in the area west of the former Omega Property.

Profiles of MIP sensor readings for the ECD, PID and FID at the three cross-section locations are provided on Figures 23 through 31. Figure 23 provides a profile of ECD response along cross-section A-A' and illustrates that elevated relative contaminations occur at increasing depths south of MIP-3 at MIP-5 and MIP-6. Elevated relative VOC concentrations are present above the "30-foot" clay at MIP-23 and MIP-24. This figure also illustrates that residual concentrations of chlorinated compounds are present in the 30 foot clay zone, even when the bulk of the mass has migrated deeper. The 30 foot clay shows elevated relative organic concentrations at all MIP borings on the site, except at MIP-16, MIP-16a, MIP-18 and MIP-19. Most other borings show elevated concentrations above this zone, correlated with finer grain materials with high soil conductance, except at MIP-16, MIP-16a, MIP-18, MIP-19, and MIP-20. Several of the locations show high concentrations of organics in the low soil conductance unit overlying the 30 foot zone. This presence of elevated organic concentrations in the interpreted sandier unit is most apparent at MIP-3, MIP-8 and MIP-7; though concentrations are lower than the relative concentrations in the underlying 30 foot clay zone.

The presence of elevated concentrations within the 30 foot zone, combined with evidence of remaining elevated concentrations above this interval, suggest that surface releases may have spread from sources of release outward due to a probable permeability contrast at the upper contact with the "30-foot" clay zone. The infiltrating contaminants likely percolated through the low permeability unit and remain adsorbed to the matrix. Contamination at the site is present in all borings that extended to near the water table, from the 30 foot zone to the water table, with few exceptions. The relative concentrations have some correlation with the type of material, suggesting that significant mass is adsorbed to finer-grained lithologies. The highest relative concentrations at most borings occur within about 15 feet of the water table. Boring

MIP-3 shows the highest relative concentrations of any of the borings on site. Evaluation of results in the Terra Pave area located to the west of the former Omega property indicates an increase in shallow concentration in the downgradient direction.

Relative elevations have been surveyed at the site, allowing evaluation of the configuration of the "30-foot" clay zone. Figure 32 shows a contour map of the top elevation of this zone, indicating that this surface slopes toward the south and southwest from the suspected source area near MIP-3. This preliminary evaluation suggests that the 30 foot clay zone has played a major role in defining the migration pathways for contaminants released at the site. The site data suggest that fluid releases from sources migrated vertically downward to the 30 foot clay zone, then dispersed laterally on this permeability interface, while at the same time infiltrating through this zone. The 30 foot clay zone appears to at least partially isolate the vadose zone into two intervals, with shallow contamination volatilizing into the upper portion of the vadose zone, while contaminants in groundwater and the zone above the capillary fringe also provide a source of soil gas contamination below the 30 foot clay zone. Shallow contamination observed south of the Skateland building occurs in and above the "30-foot" clay zone, however, there is not a clear migration pathway from the vicinity of MIP-3 to this area. This suggests that other sources are present.

Soil borings were installed and sampled adjacent to MIP-1, MIP-3 and MIP-14, which were suspected of being source areas based on the August 2005 sampling program. Each of these three locations exhibited high concentrations of site contaminants in the vadose zone soils, confirming these locations are near sources of contaminant releases.

4.0 Recommendations

Six additional MIP borings are recommended to meet the Work Plan objectives. In addition, soil vapor samples are proposed to be collected from borings adjacent to each MIP location. The soil vapor sampling depths will be selected based on the MIP detector response data. It is anticipated that three soil vapor samples will be collected at each location, resulting in a total of 18 soil vapor samples plus QA/QC samples. These vapor sample locations will be primarily above the "30-foot" clay zone; however, one sample per boring will be collected in the deeper zone to support remedial design activities in the future. The samples will be analyzed for VOCs using EPA Method TO-15. The locations for the MIP borings and soil vapor sampling are shown on Figure 33, with the rationale for the additional borings/sampling provided in Table 4.

Table 4. Proposed Additional MIP and Soil Vapor Sampling Locations and Rationale for their Selection

Direction	Proposed MIP Boring/Soil Vapor Sampling Location	Rationale
East	MIP-30/VP-25	A MIP boring and soil vapor sampling have been requested by DTSC east of the site to confirm decreasing contaminant concentrations away from the site in this direction.
North	MIP-25/VP-20	TVOCs in soil vapor samples increase going from VP-03 to VP-16 in the 47-50 foot depth range (212 to 2,335 mg/m^3). Investigation at this area is intended to determine if the relatively high TVOC concentration seen at the 47 foot depth at VP-16 and the 30 foot clay extend further to the northwest, and to assist in identifying other sources on this property.
West	MIP-26, 27, and 28/VP-21, 22 and 23	TVOCs in soil vapor samples from several depths are higher at VP-14 and VP-15 than samples to the east of these locations. These additional sampling locations are intended to look for decreasing contaminant concentrations to the west and southwest of VP-14, 15, 17 and 18.
South	MIP-29/VP-24	This location is intended to document lower contaminant concentrations to the south of MIP-24 where contamination was indicated in the 30 foot clay. The boring will also provide information on the transition zone to thicker sands in the saturated zone that is observed near Washington Street.

Figures

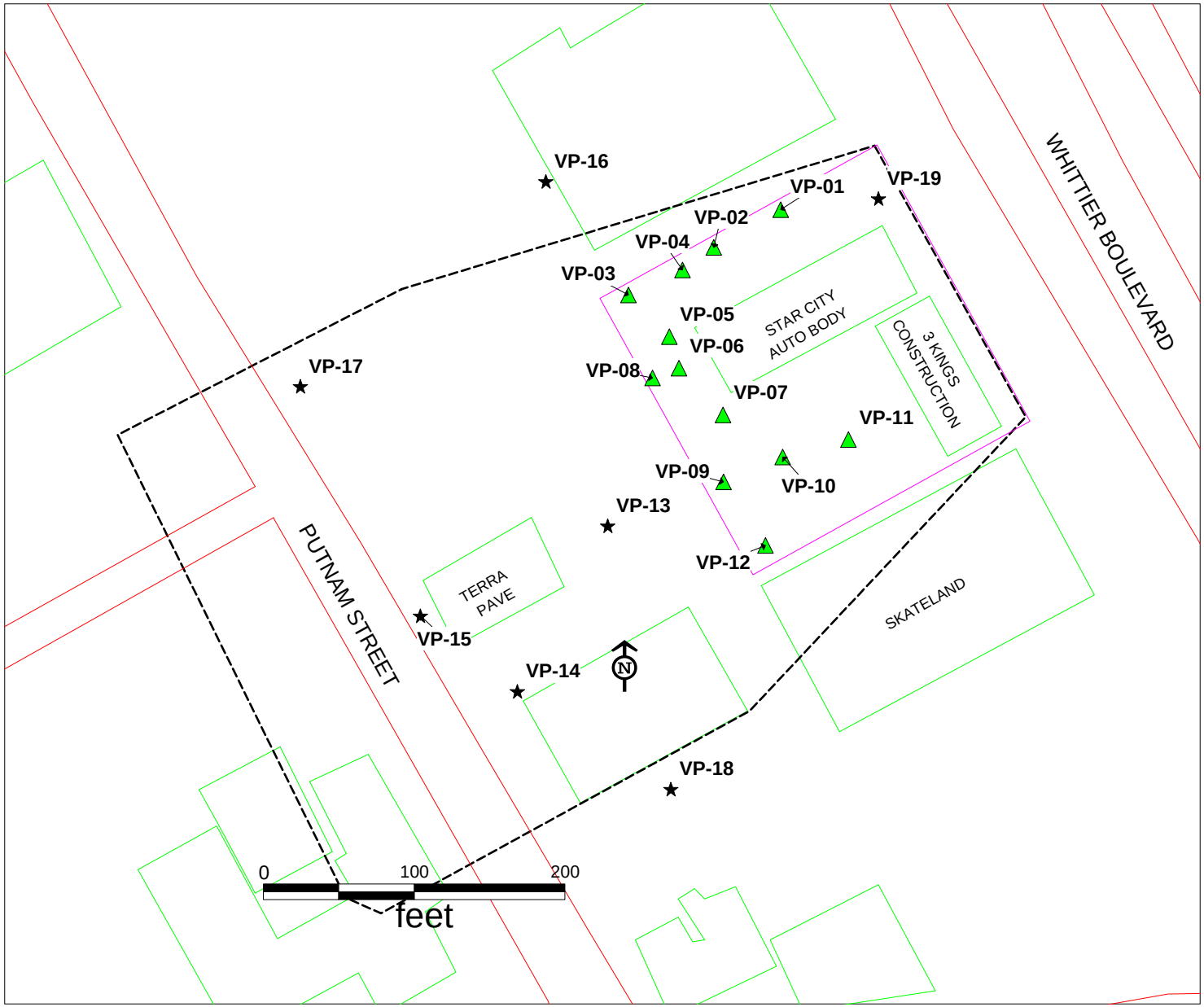


Figure 1 2005 Vapor Sampling Locations

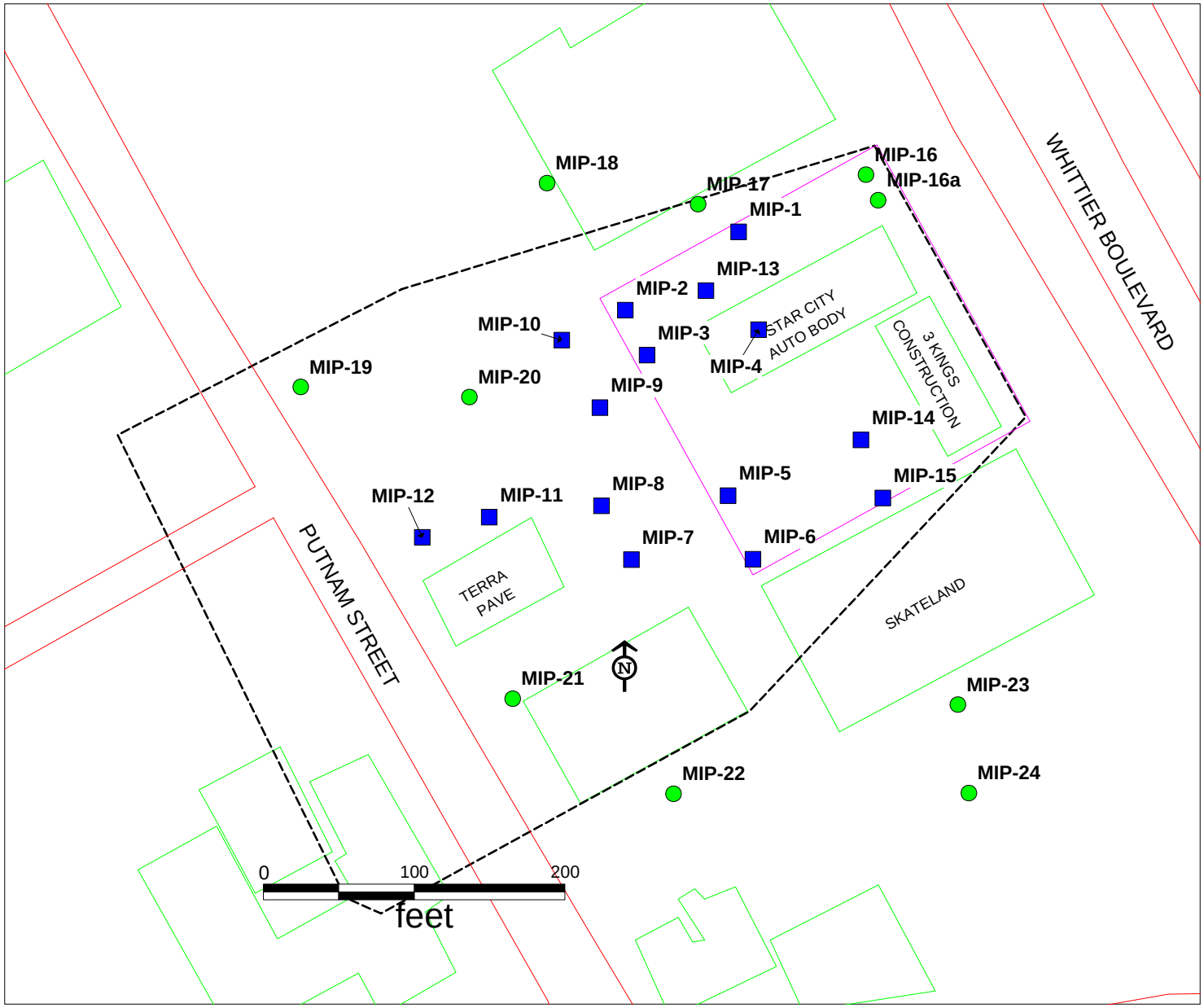


Figure 2 2005 MIP Locations

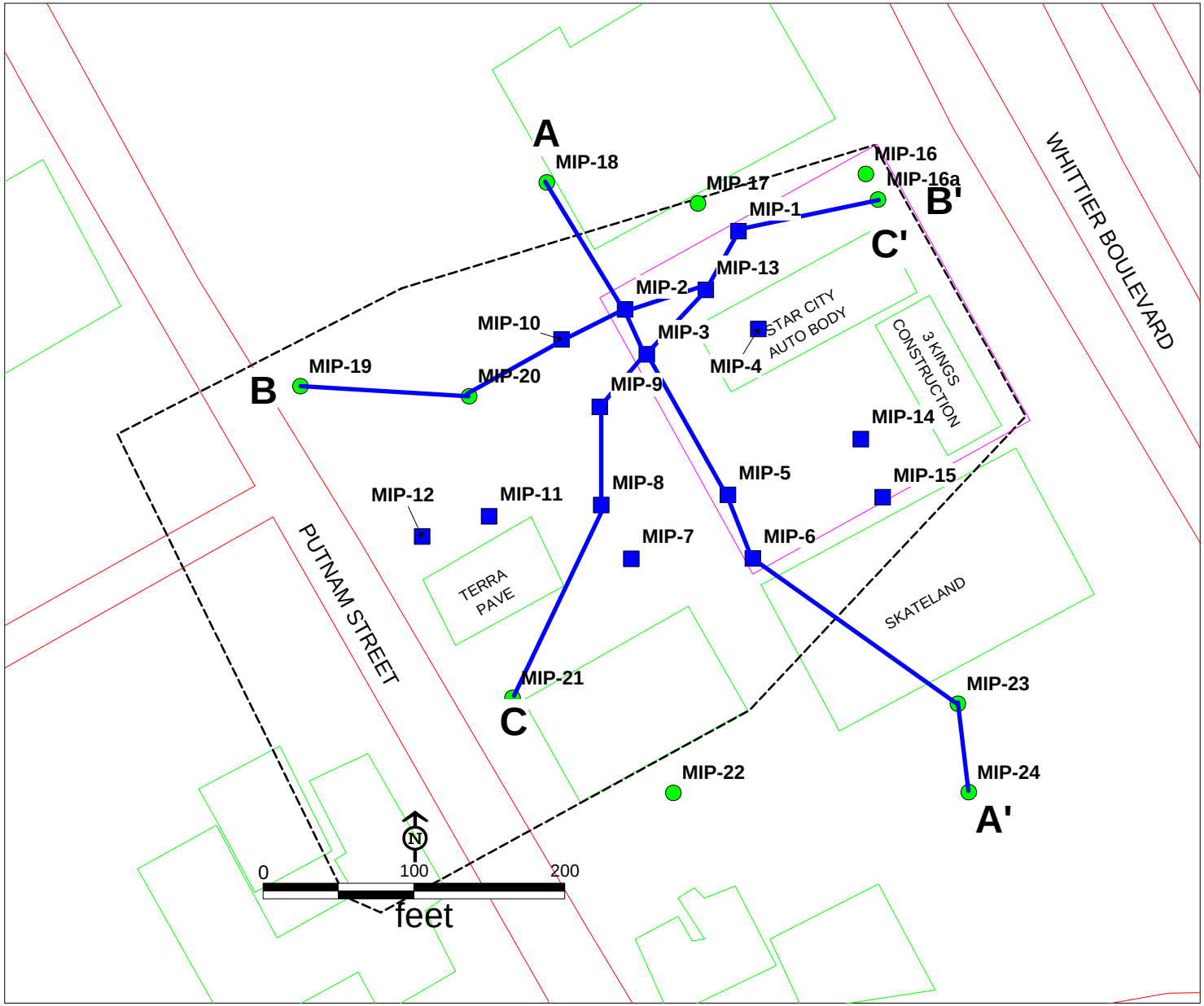


Figure 3 Cross-Section Locations

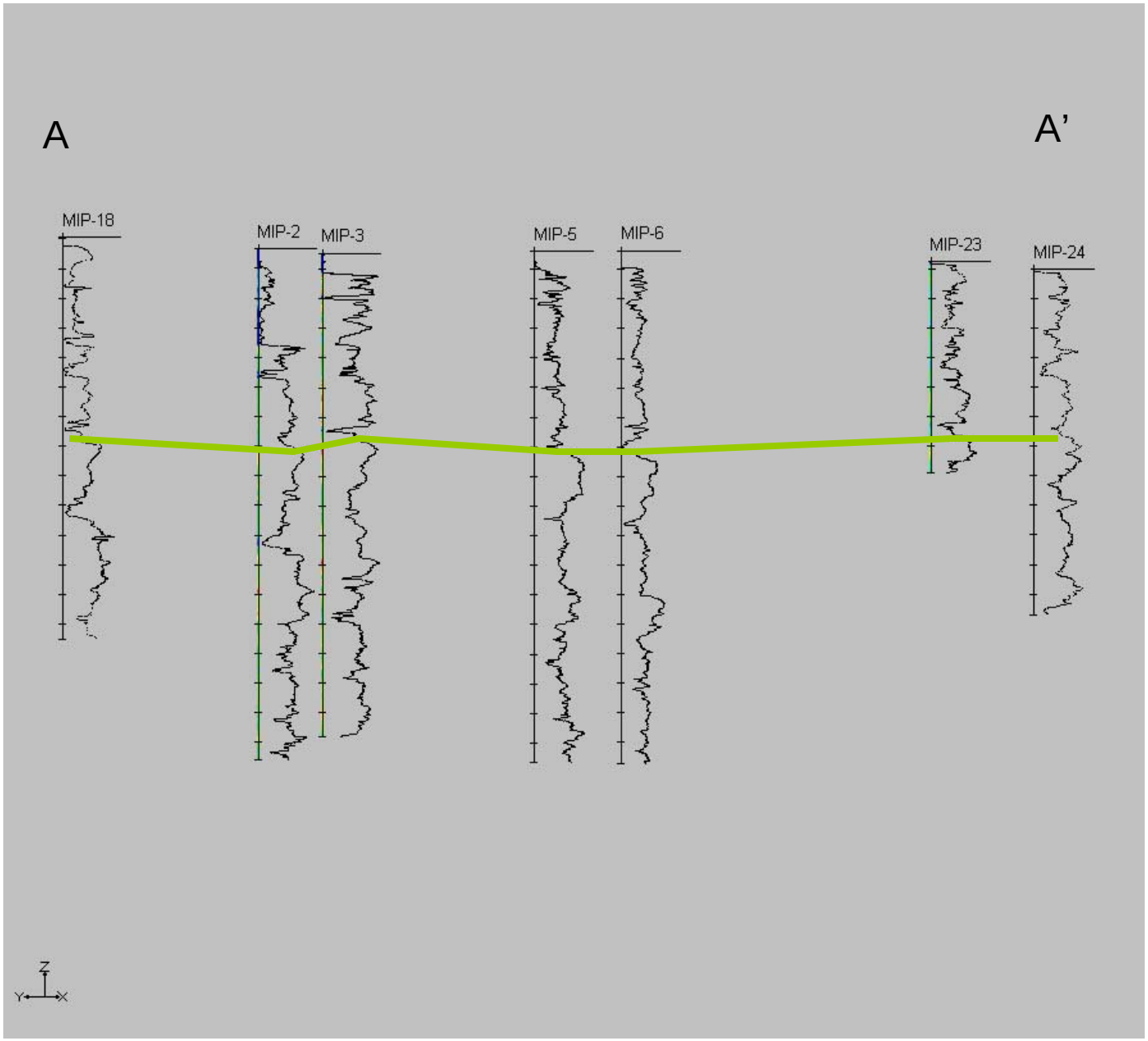


Figure 4 Soil Conductivity Cross-Section A-A’

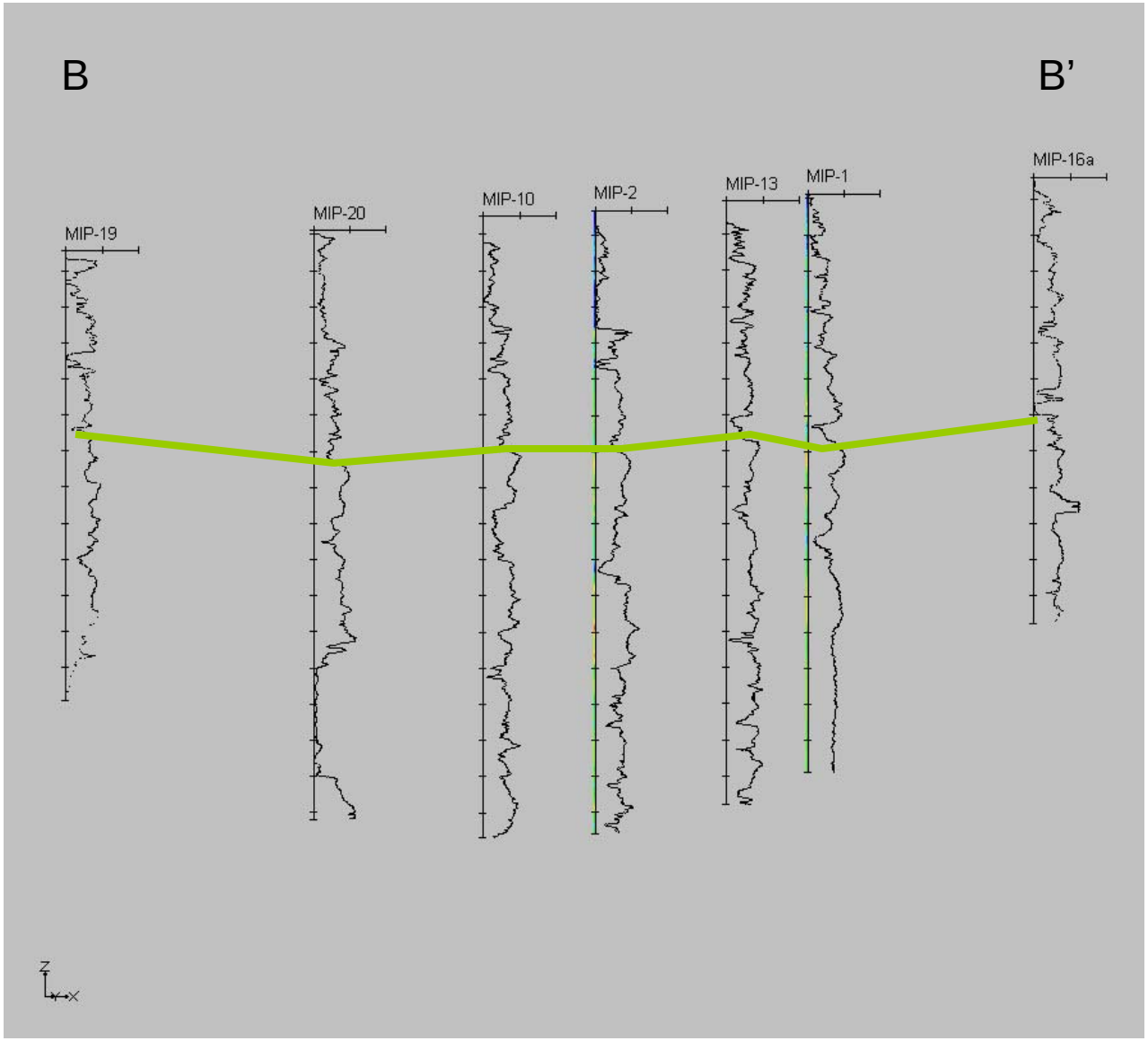


Figure 5 Soil Conductivity Cross-Section B-B'

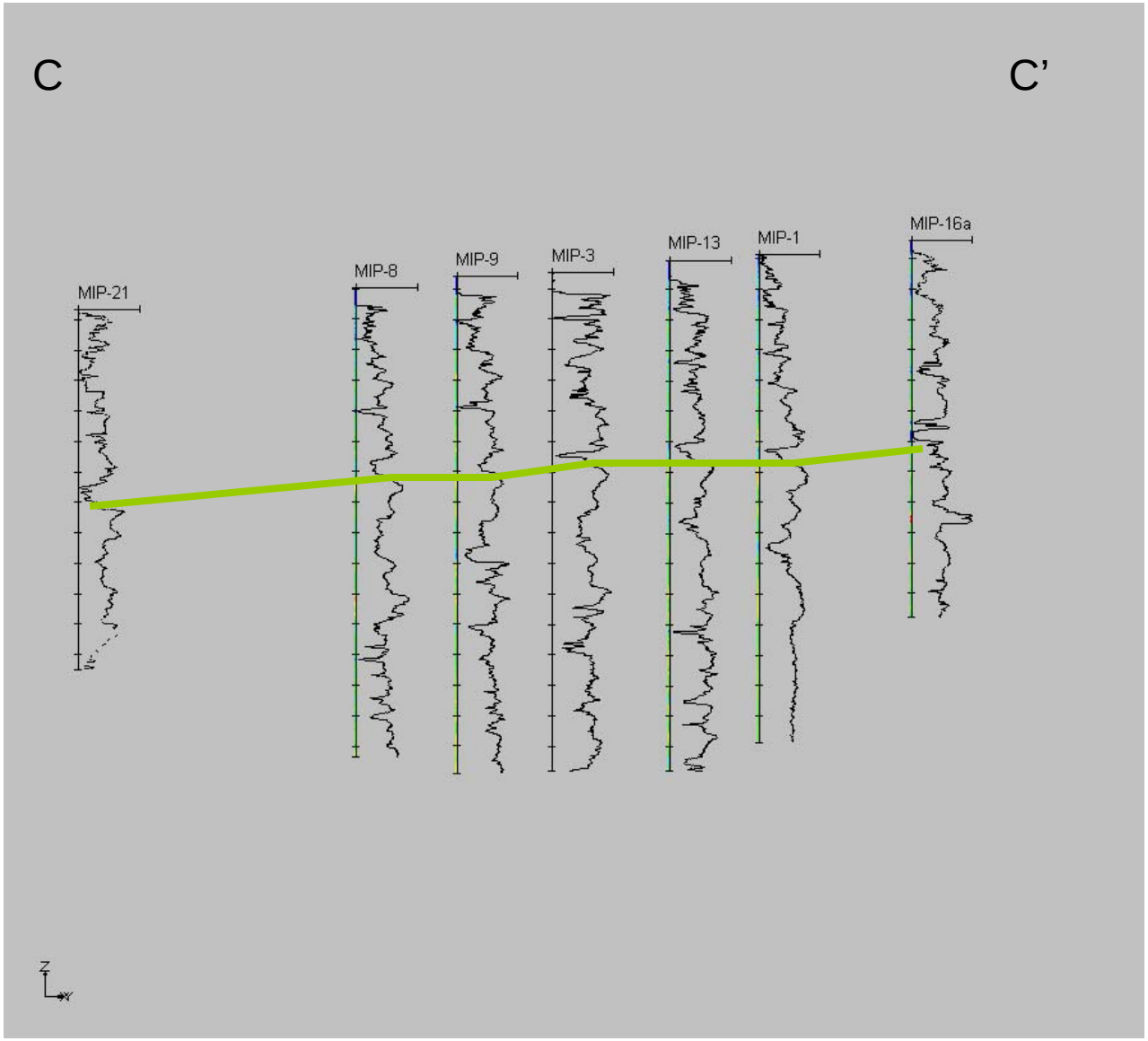


Figure 6 Soil Conductivity Cross-Section C-C'

Figure 7. MIP-8 PID and TVOCs in Adjacent Soil Vapor

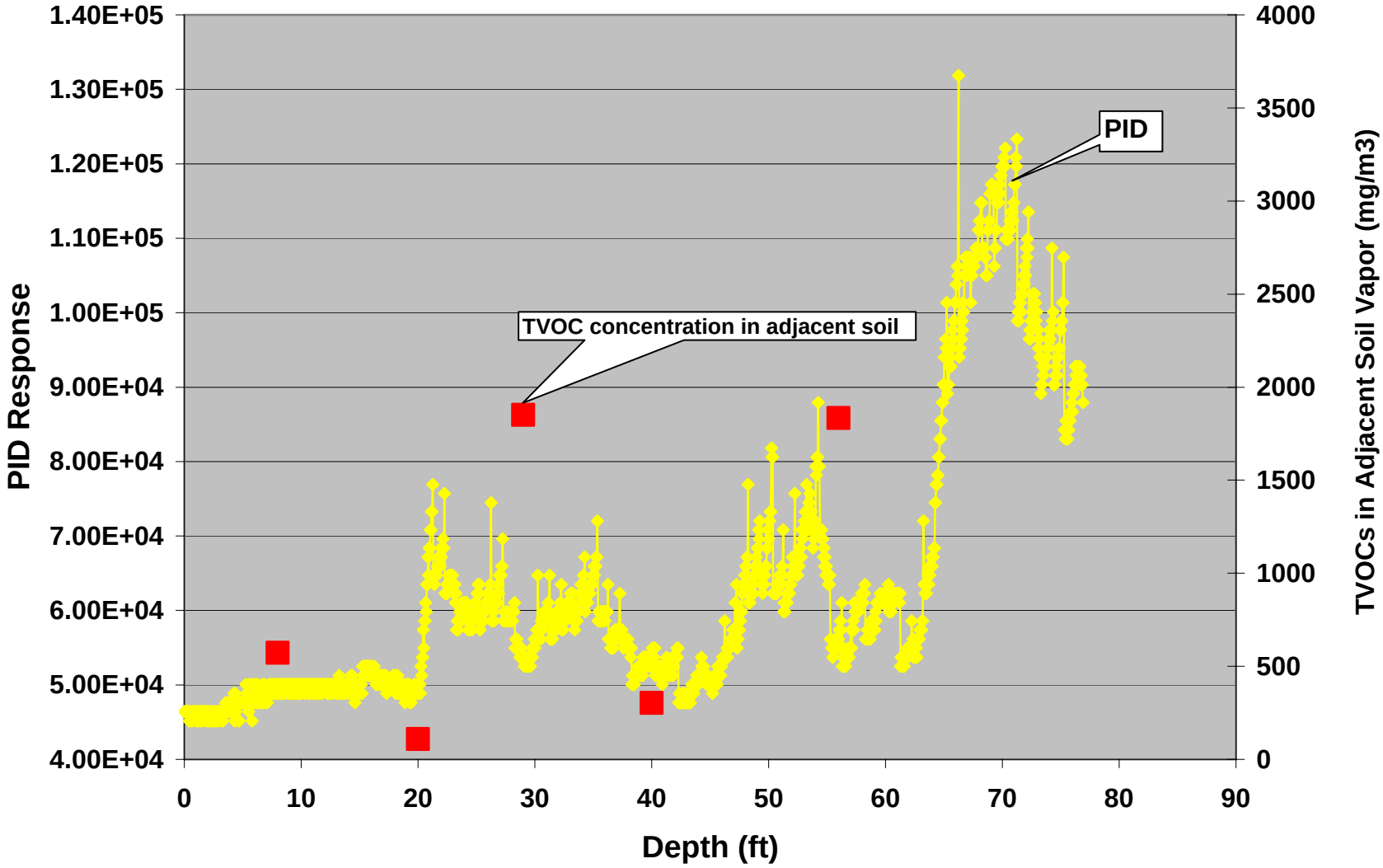


Figure 8. MIP-16A ECD and TVOCs in Adjacent Soil Vapor

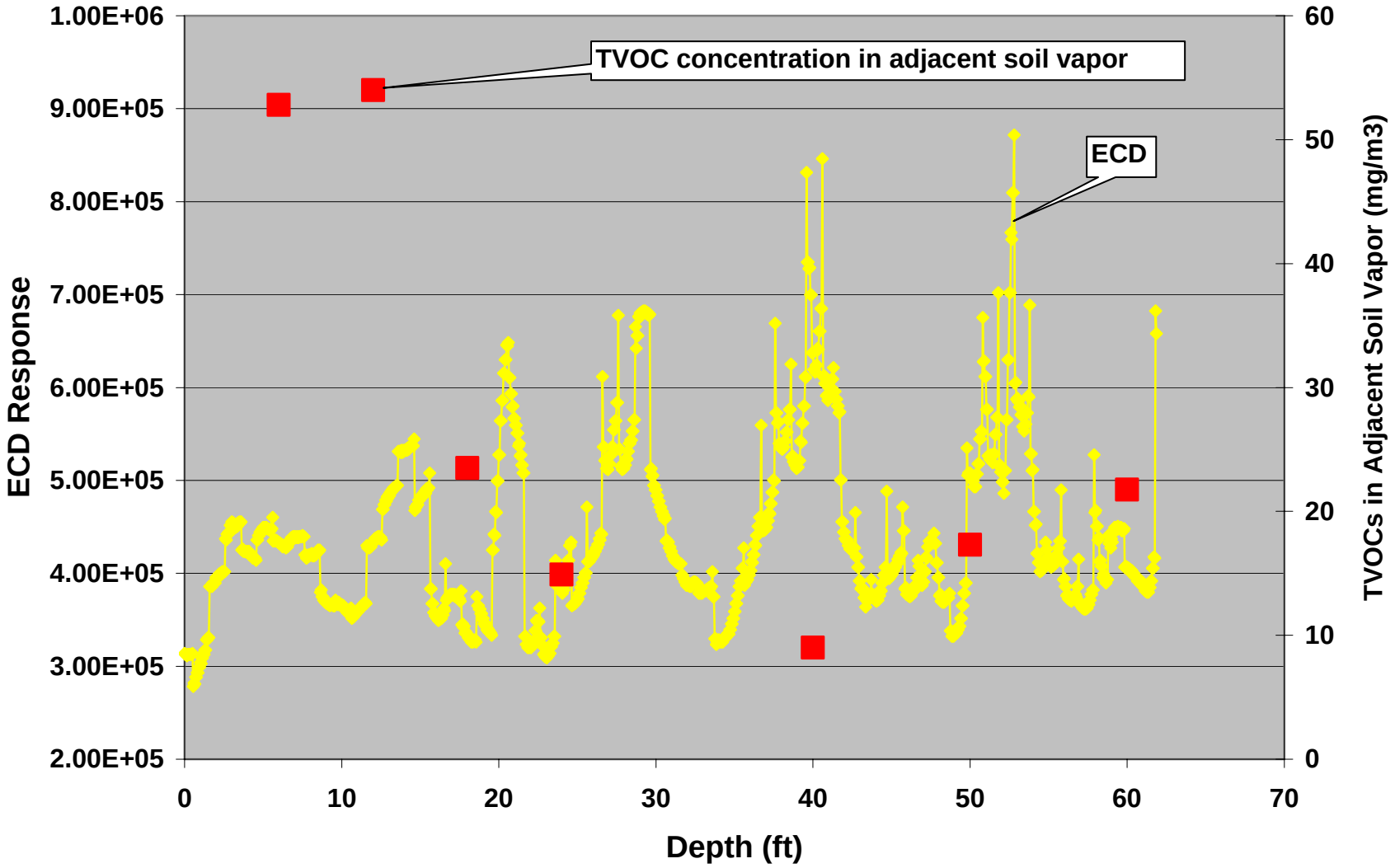


Figure 9. MIP-18 PID and TVOCs in Adjacent Soil Vapor

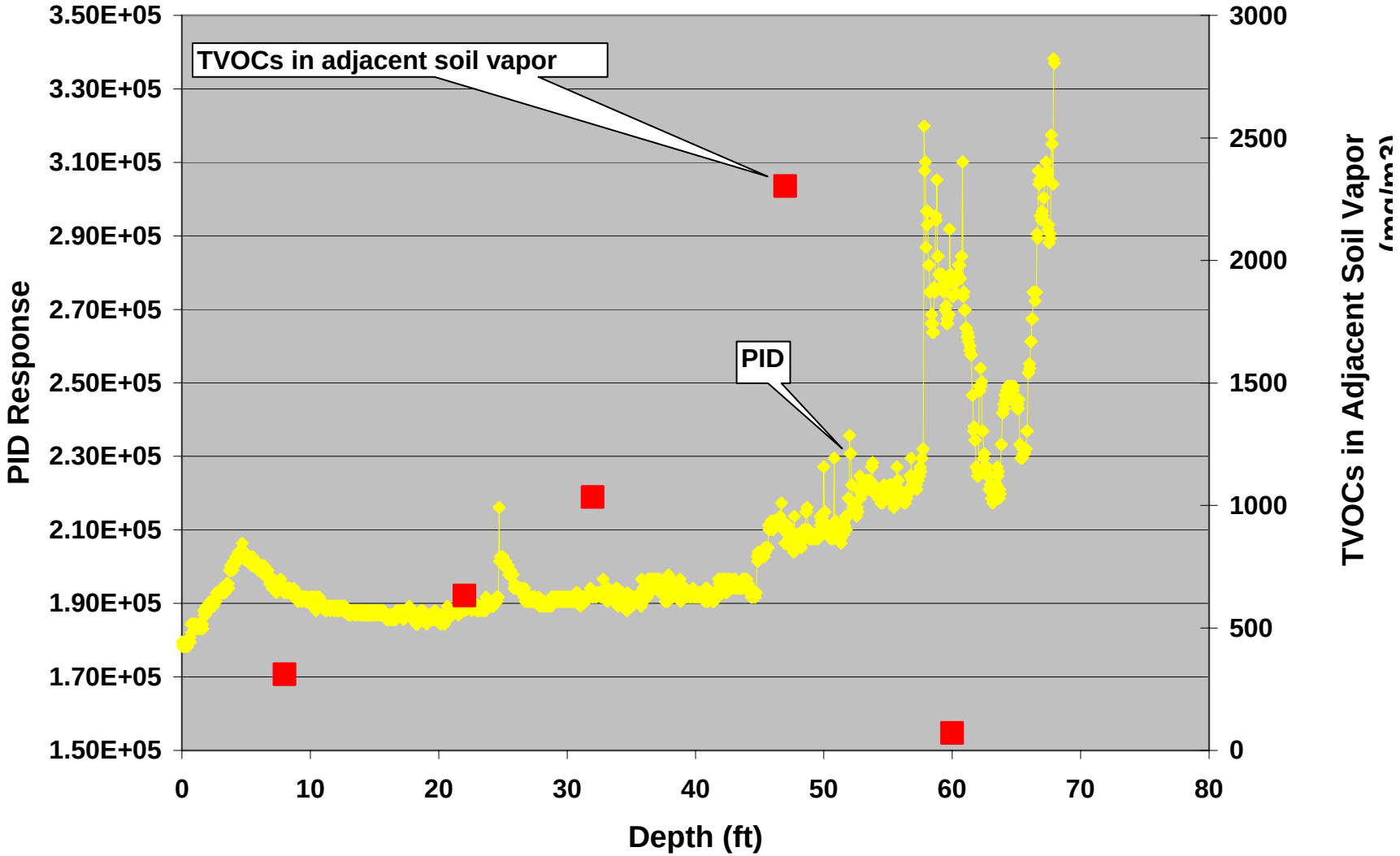


Figure 10. MIP-21 PID and TVOCs in Adjacent Soil Vapor

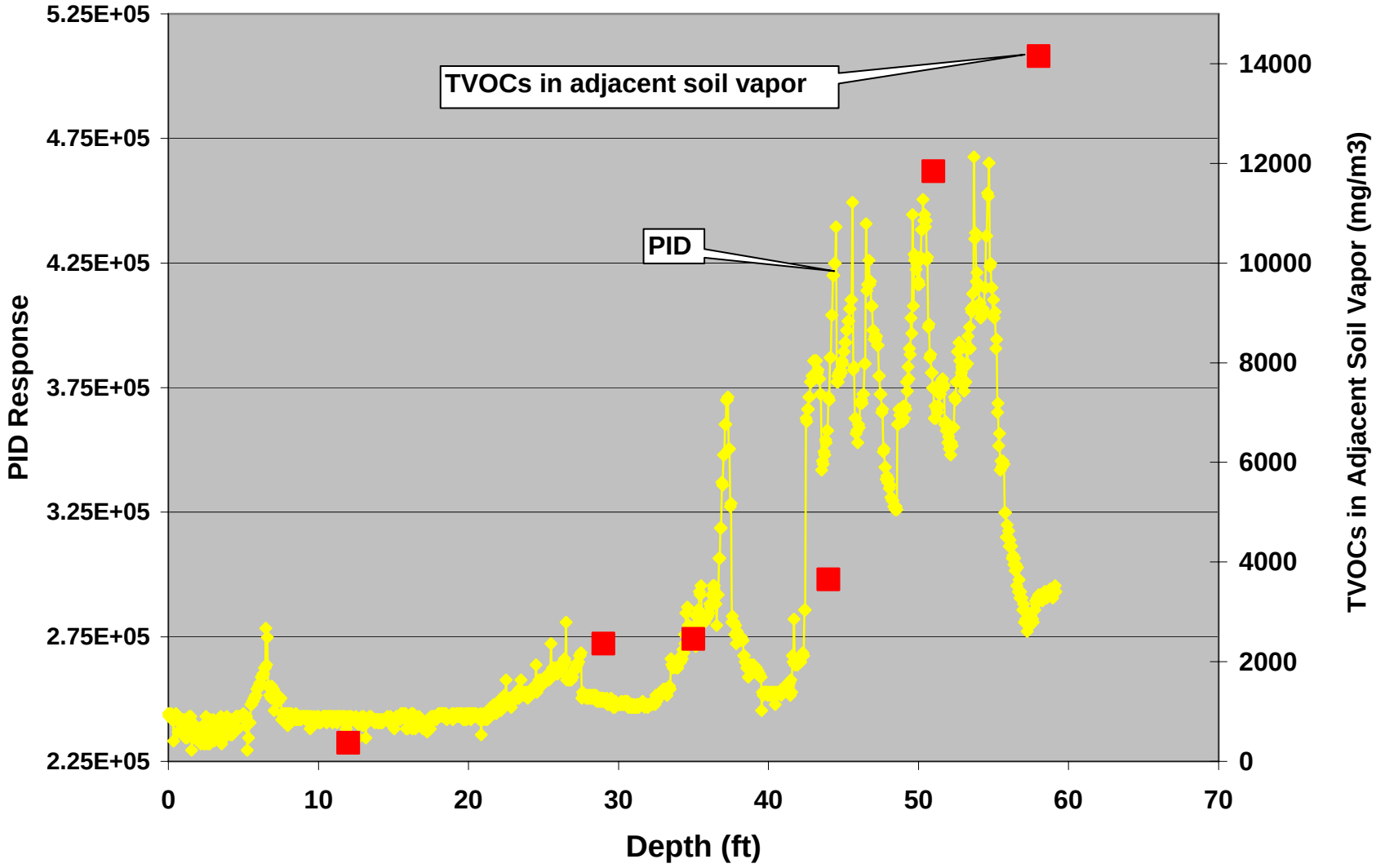


Figure 11. MIP-22 PID and TVOCs in Adjacent Soil Vapor

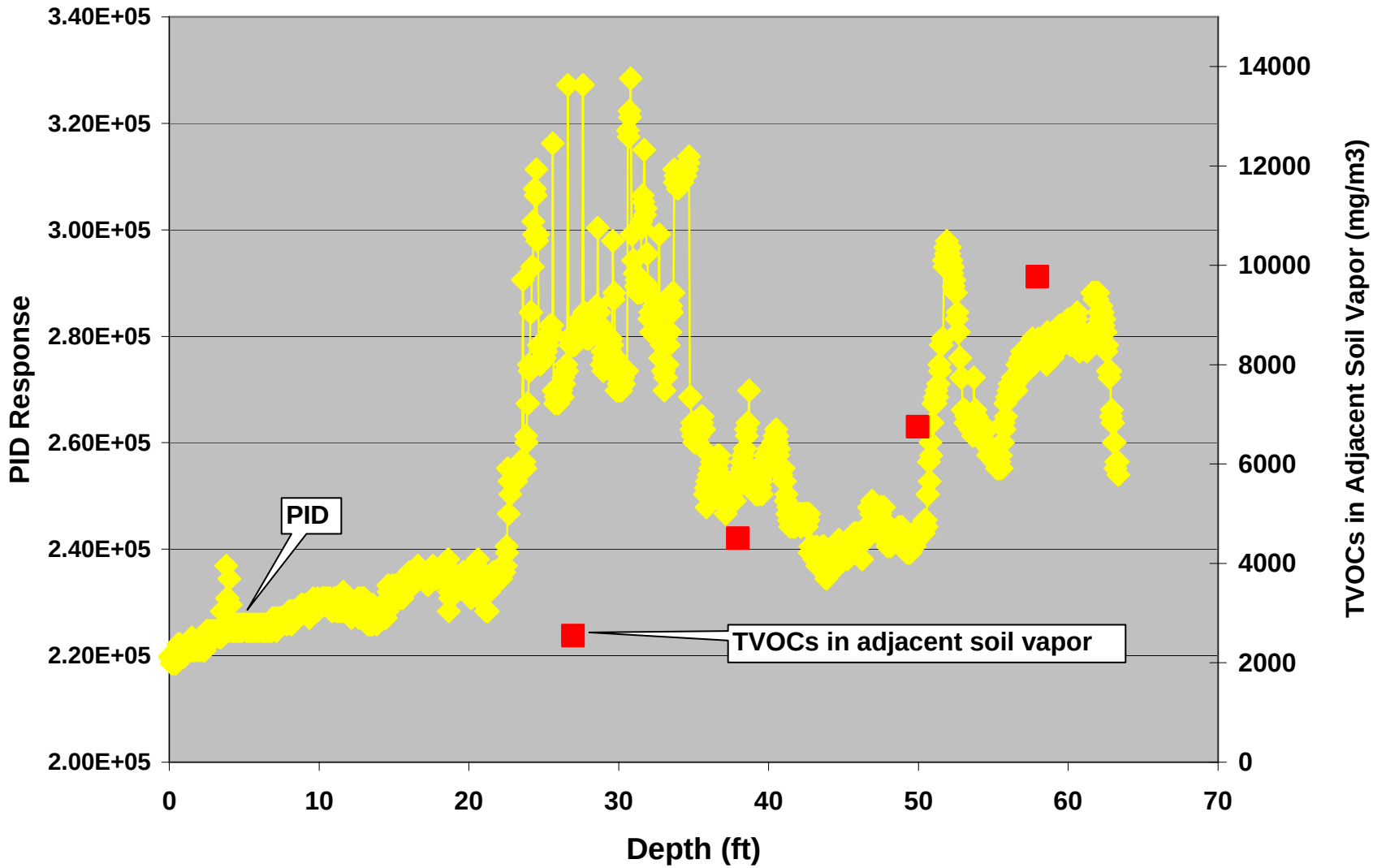


Figure 12. MIP-1 PID and TVOCs in Adjacent Soil

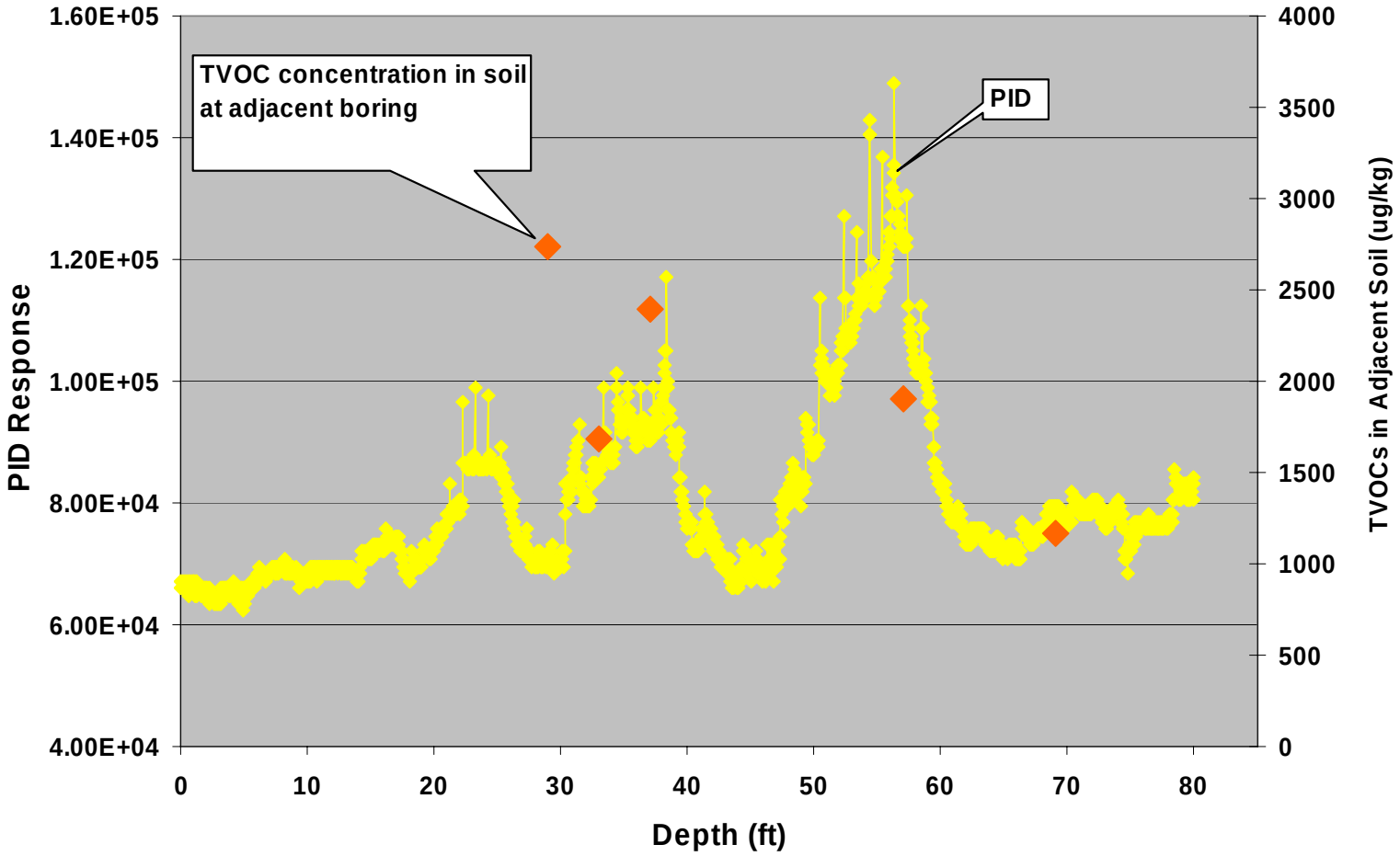


Figure 13. MIP-3 PID and TVOCs in Adjacent Soil

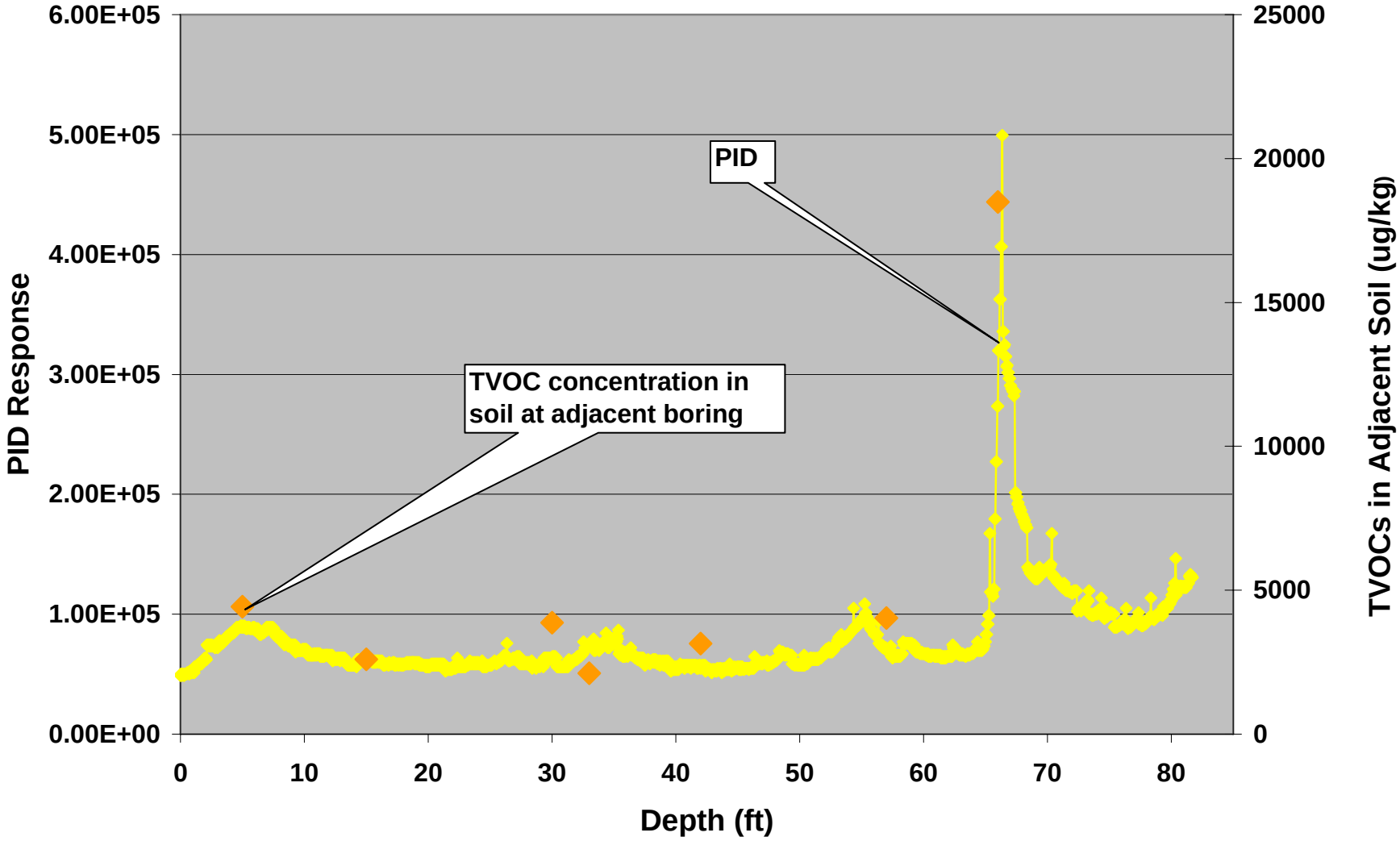
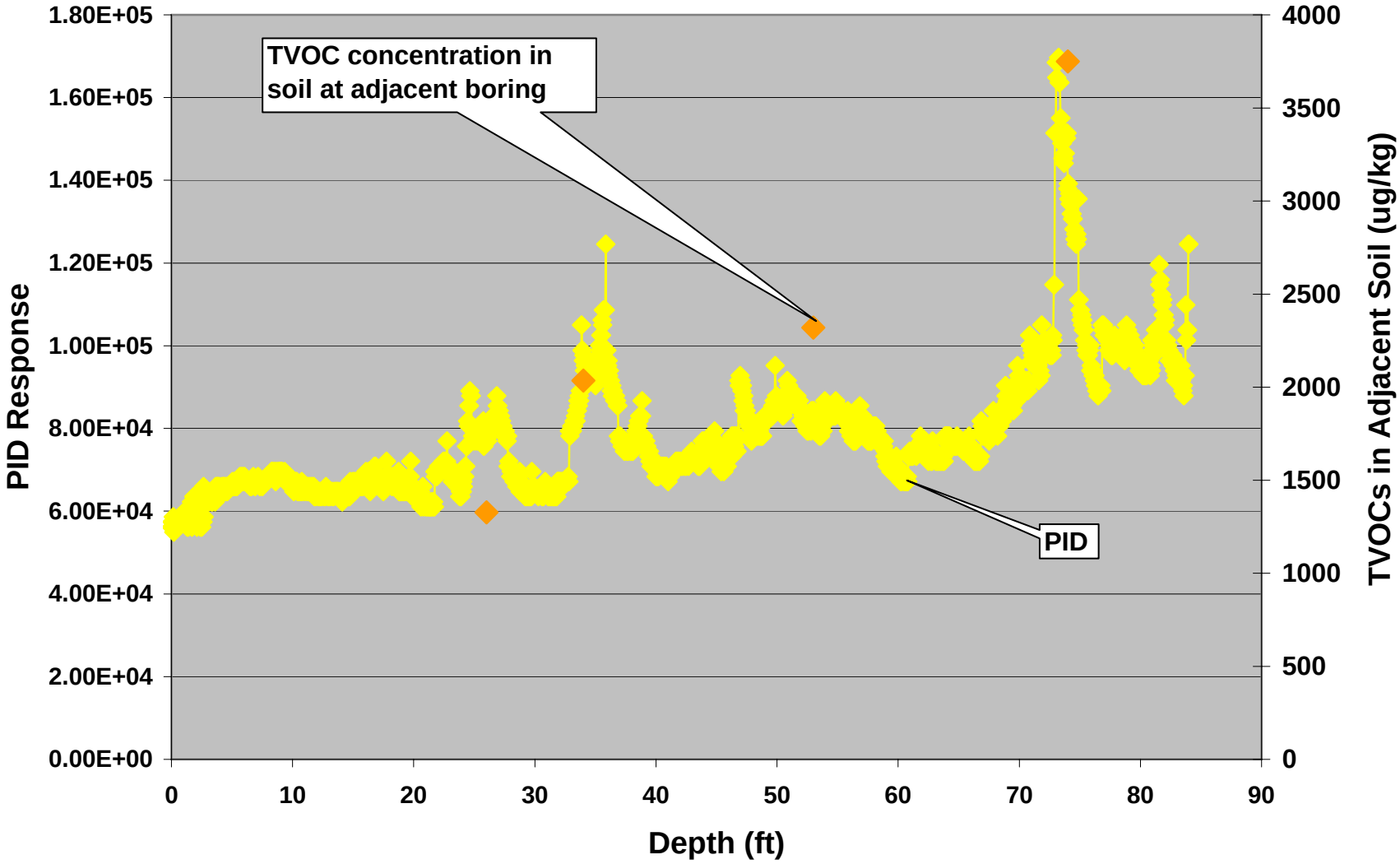


Figure 14. MIP-14 PID and TVOCs in Adjacent Soil



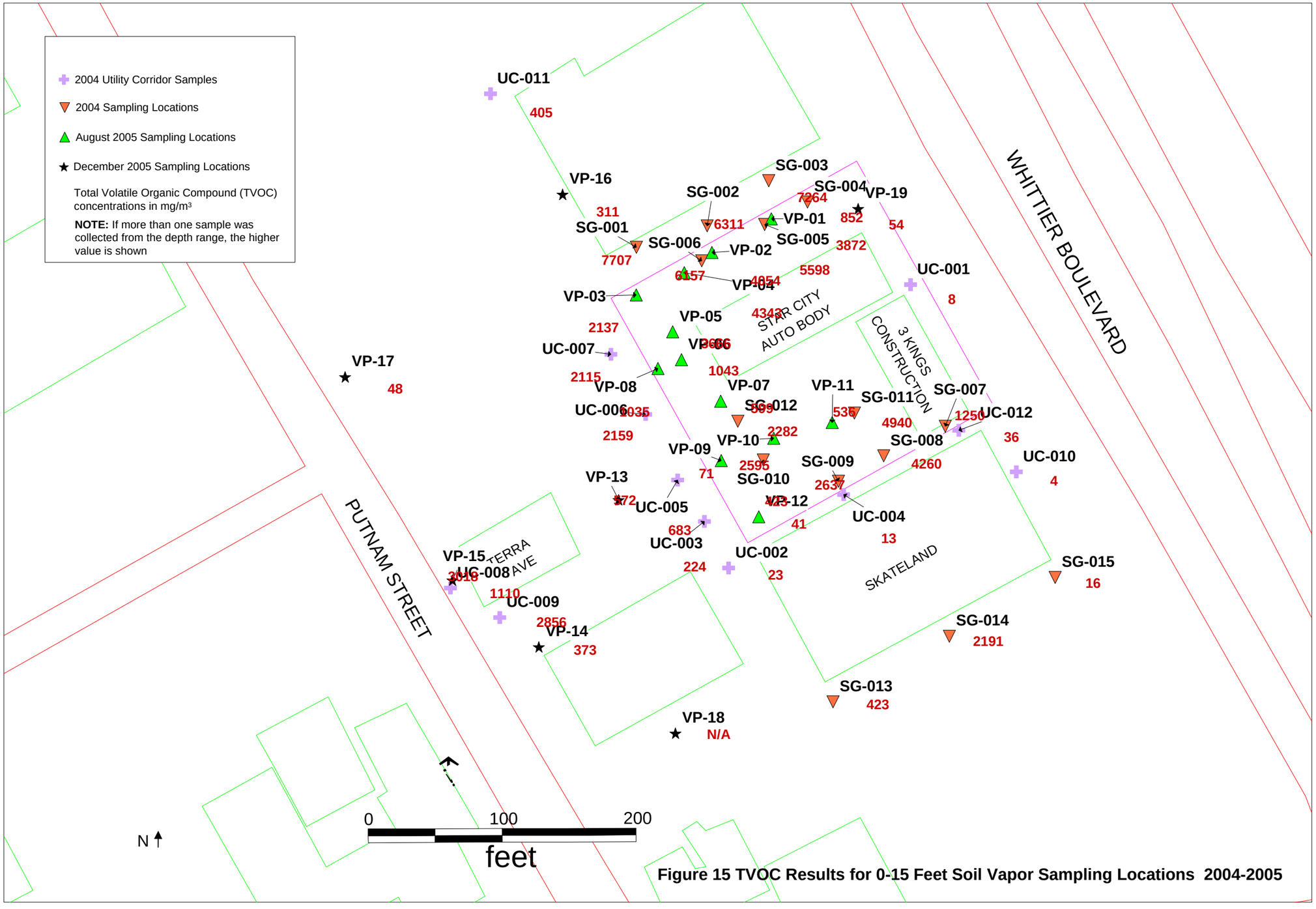


Figure 15 TVOC Results for 0-15 Feet Soil Vapor Sampling Locations 2004-2005

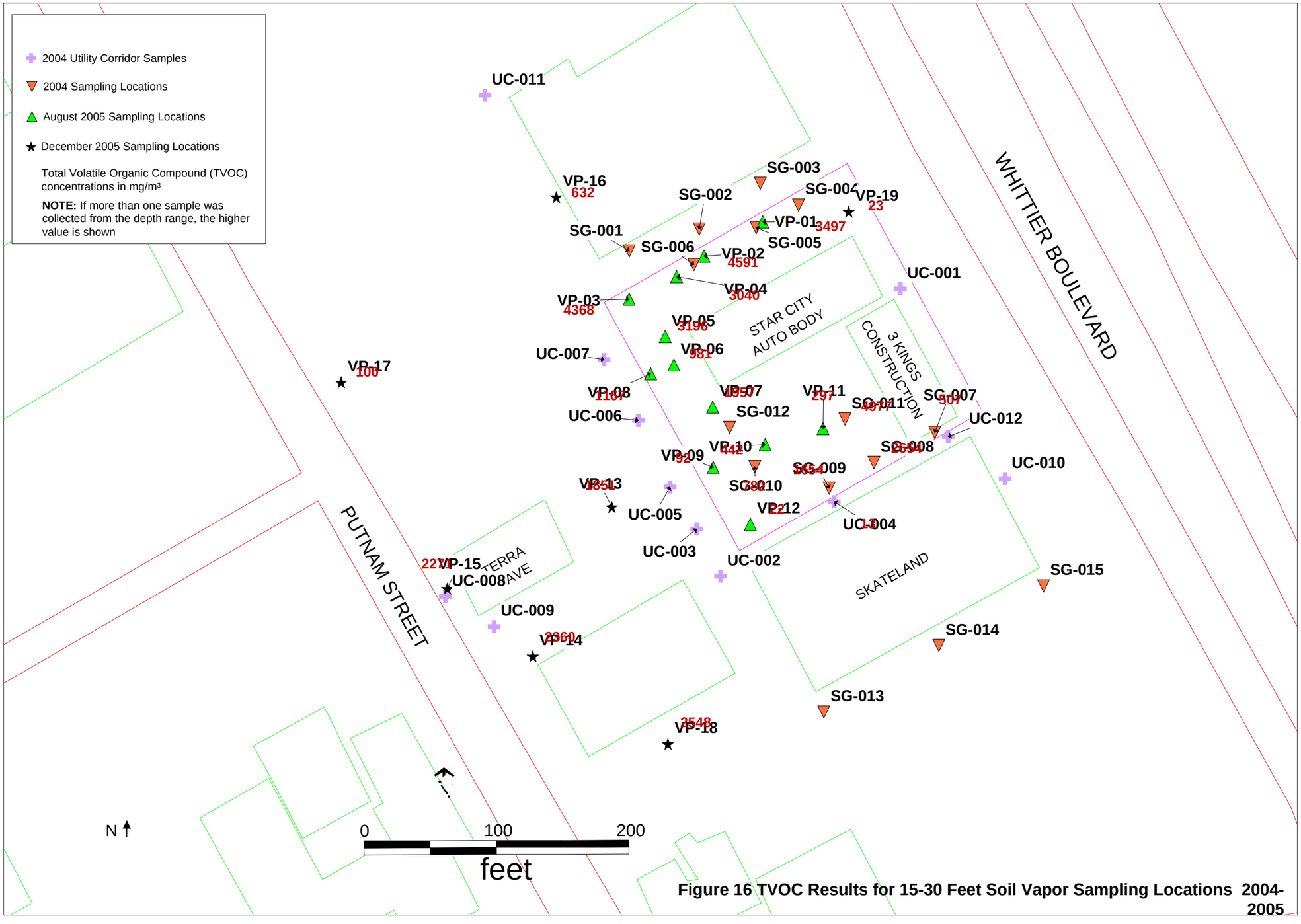


Figure 16 TVOC Results for 15-30 Feet Soil Vapor Sampling Locations 2004-2005

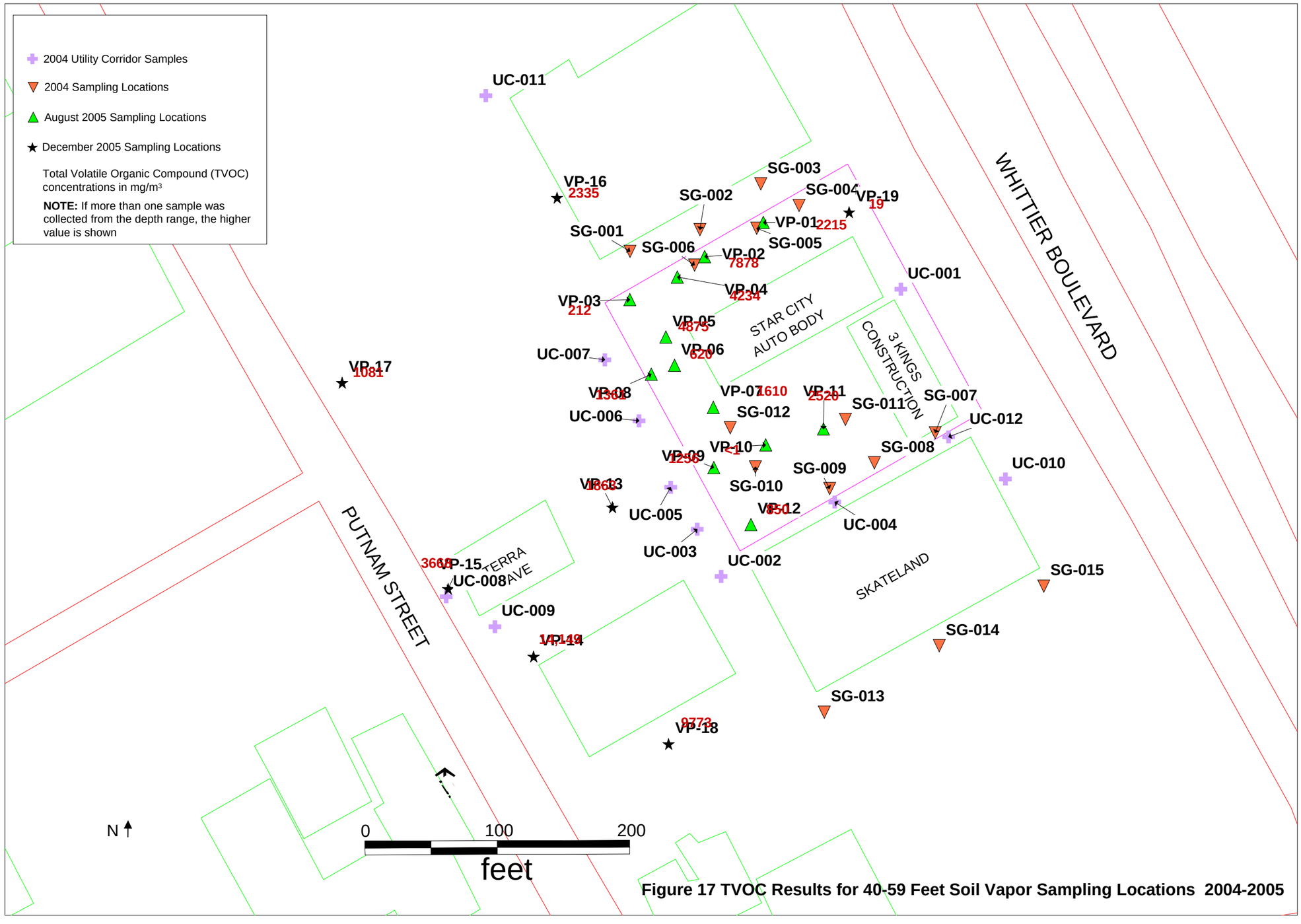


Figure 17 TVOC Results for 40-59 Feet Soil Vapor Sampling Locations 2004-2005

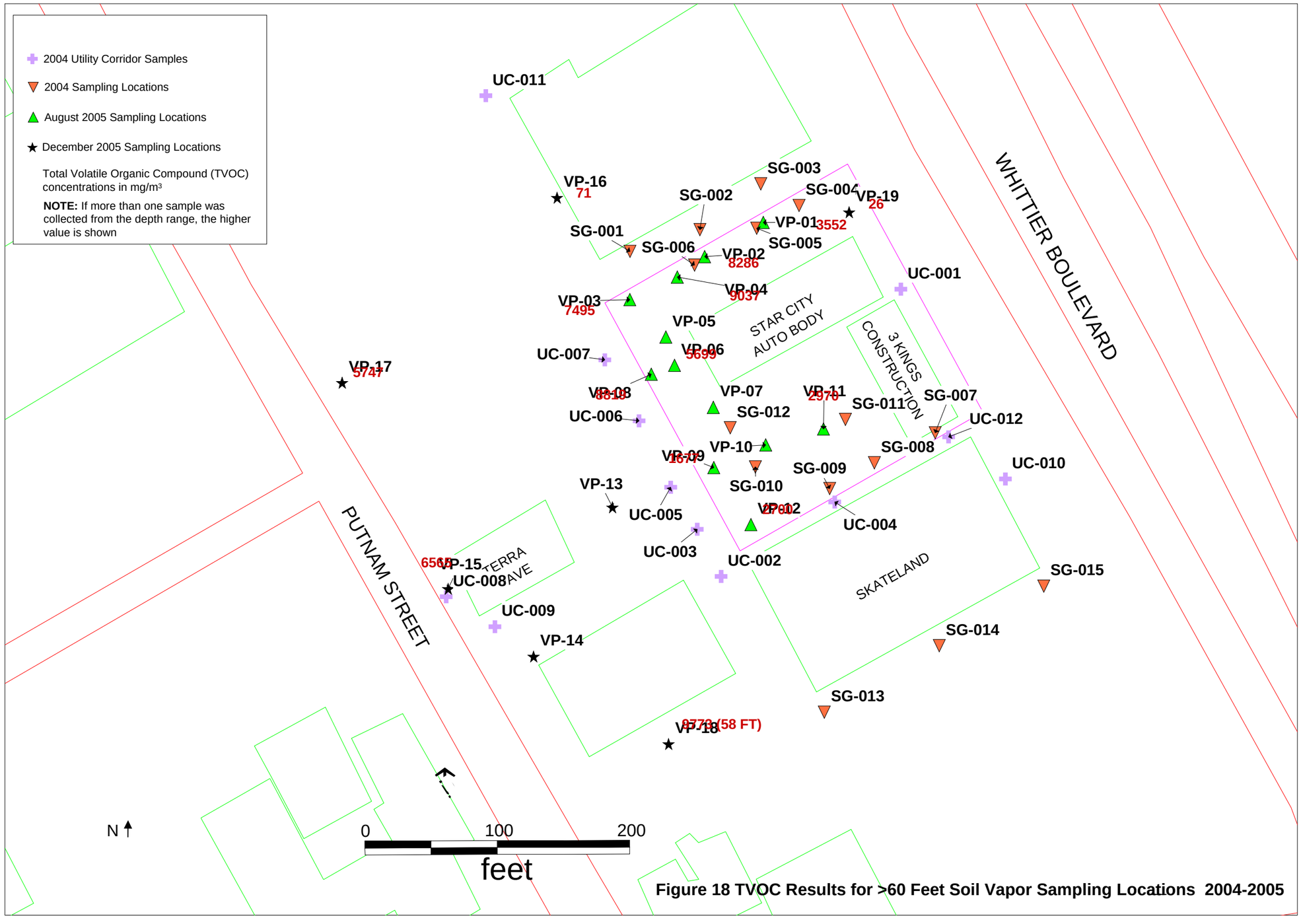


Figure 18 TVOC Results for >60 Feet Soil Vapor Sampling Locations 2004-2005

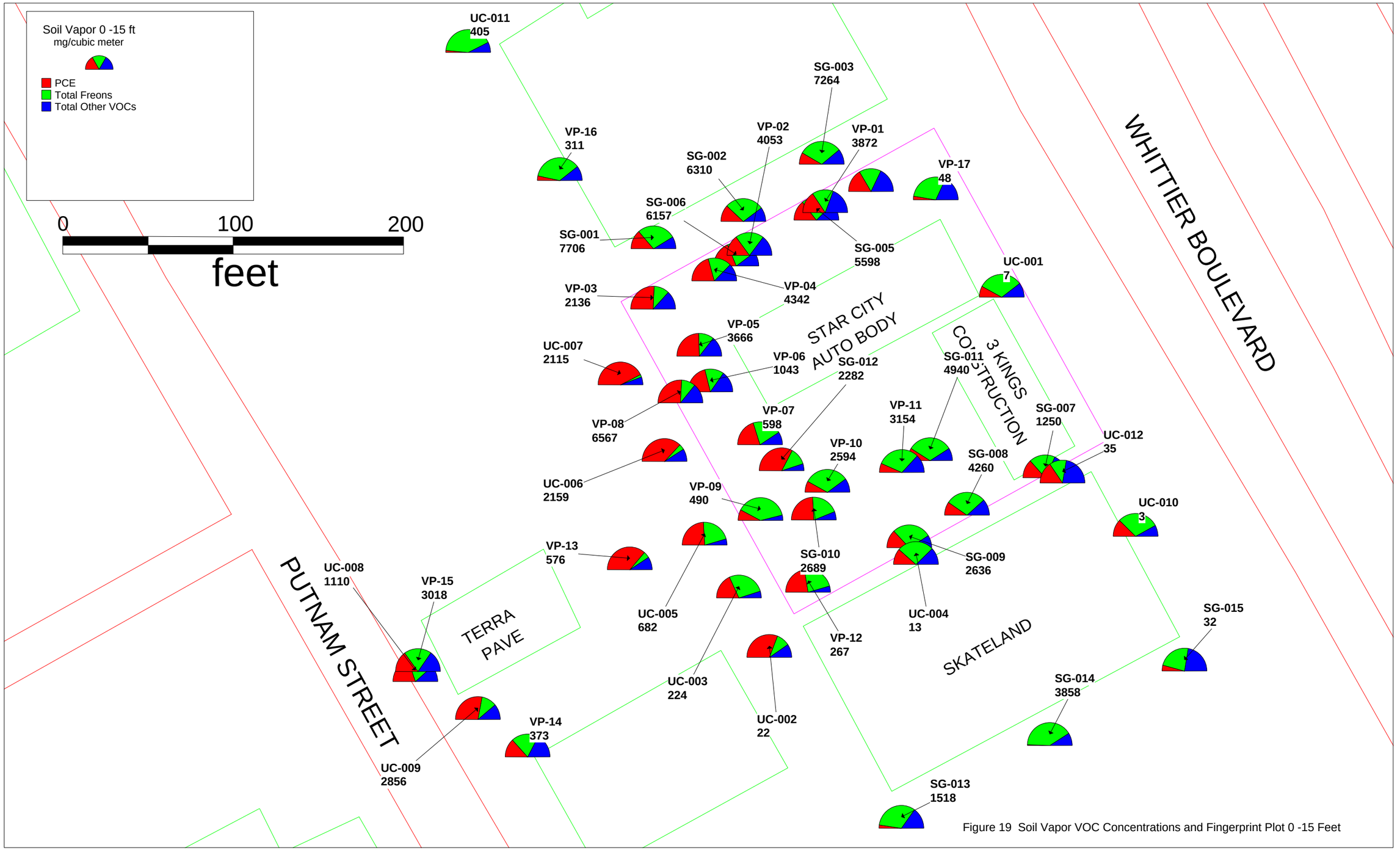


Figure 19 Soil Vapor VOC Concentrations and Fingerprint Plot 0 -15 Feet

Soil Vapor 15 - 30 Feet
mg/cubic meter

PCE
Total Freons
Total Other VOCs

VP-16
632

VP-01
3497

VP-19
24

VP-04
2975

VP-02
5591

VP-03
4368

VP-05
3196

VP-17
100

VP-08
7386

VP-06
981

VP-07
1956

VP-11
1759

SG-011
4977

VP-10
2751

VP-13
1887

VP-09
599

SG-010
781

SG-007
766

SG-008
2654

SG-009
1653

VP-12
145

VP-15
2271

VP-14
2360

VP-18
2566

STAR CITY
AUTO BODY

3 KINGS
CONSTRUCTION

SKATELAND

TERRA
PAVE

WHITTIER BOULEVARD

PUTNAM STREET

0 100 200
feet

Figure 20 Soil Vapor VOC Concentrations andFingerprint Plot 15 - 30 Feet

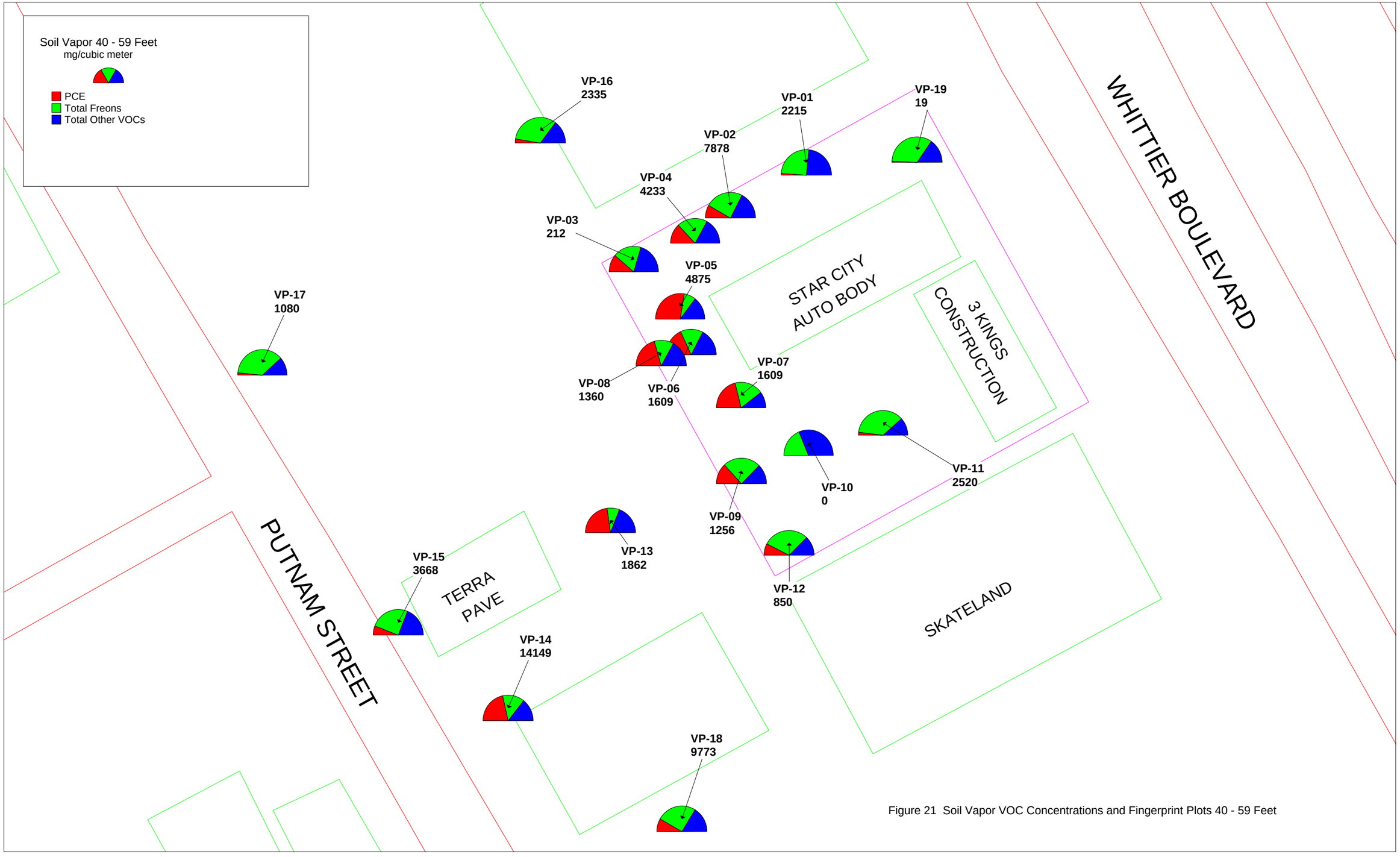


Figure 21 Soil Vapor VOC Concentrations and Fingerprint Plots 40 - 59 Feet

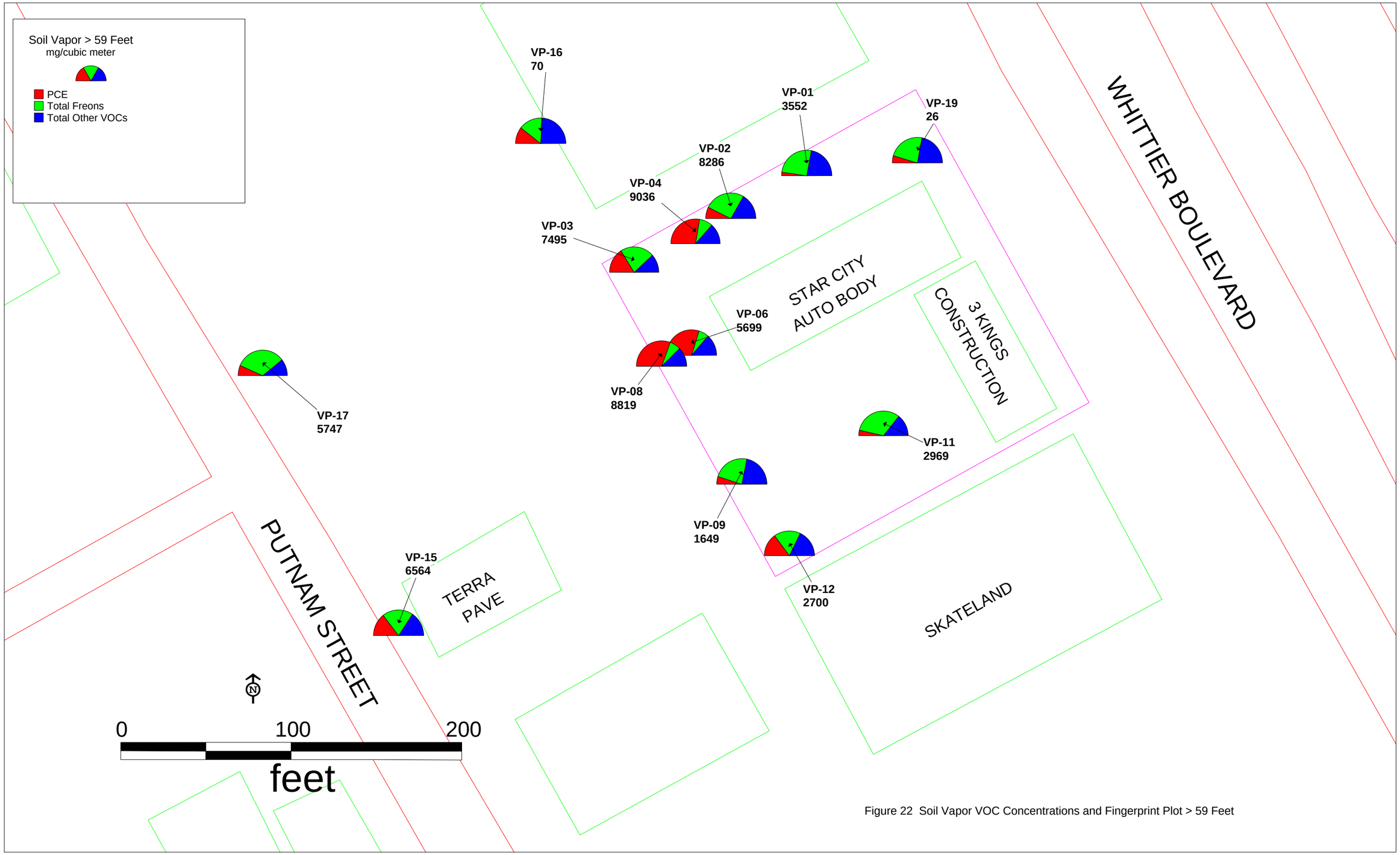


Figure 22 Soil Vapor VOC Concentrations and Fingerprint Plot > 59 Feet

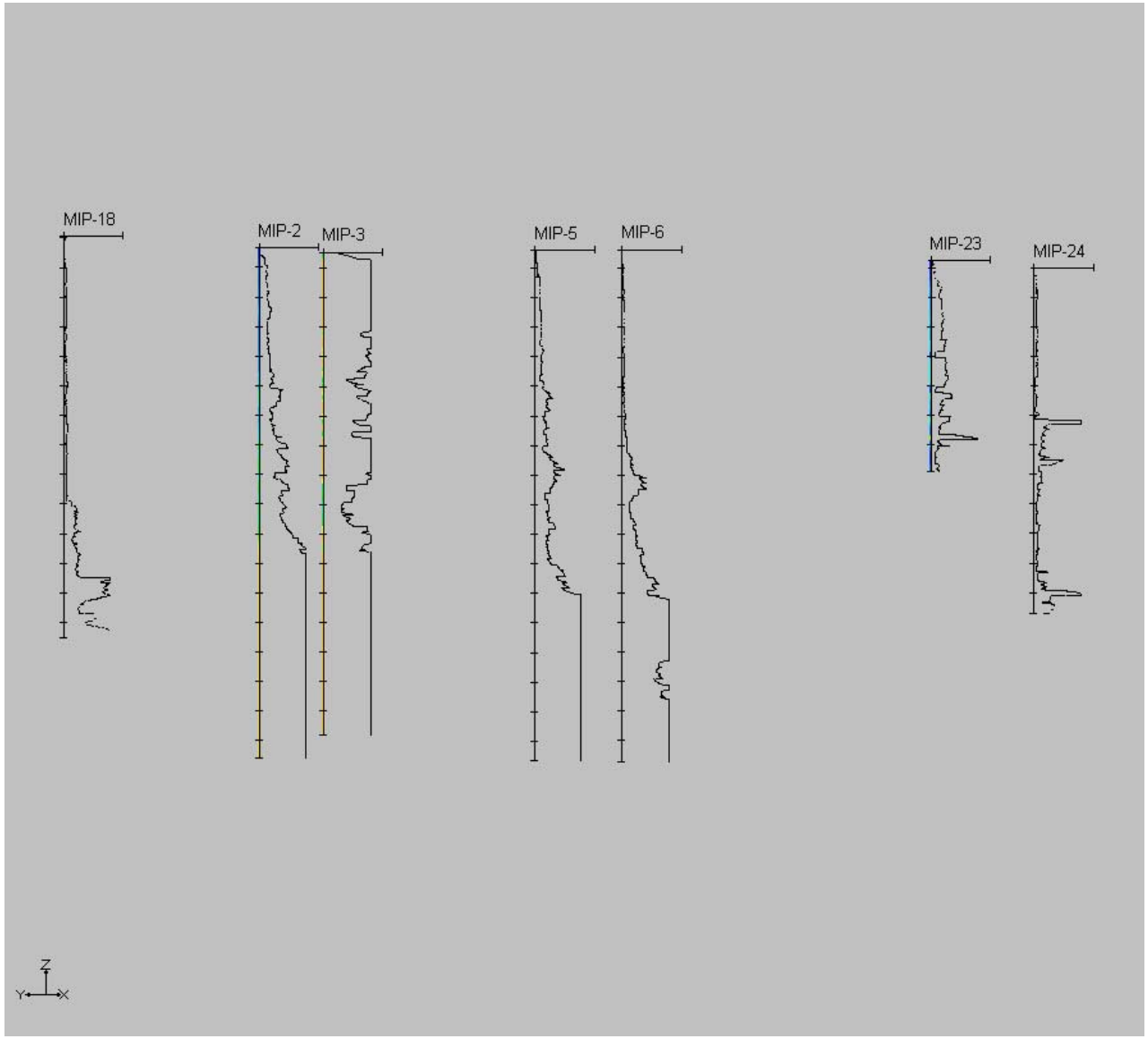


Figure 23 ECD Sensor Cross-Section A – A’

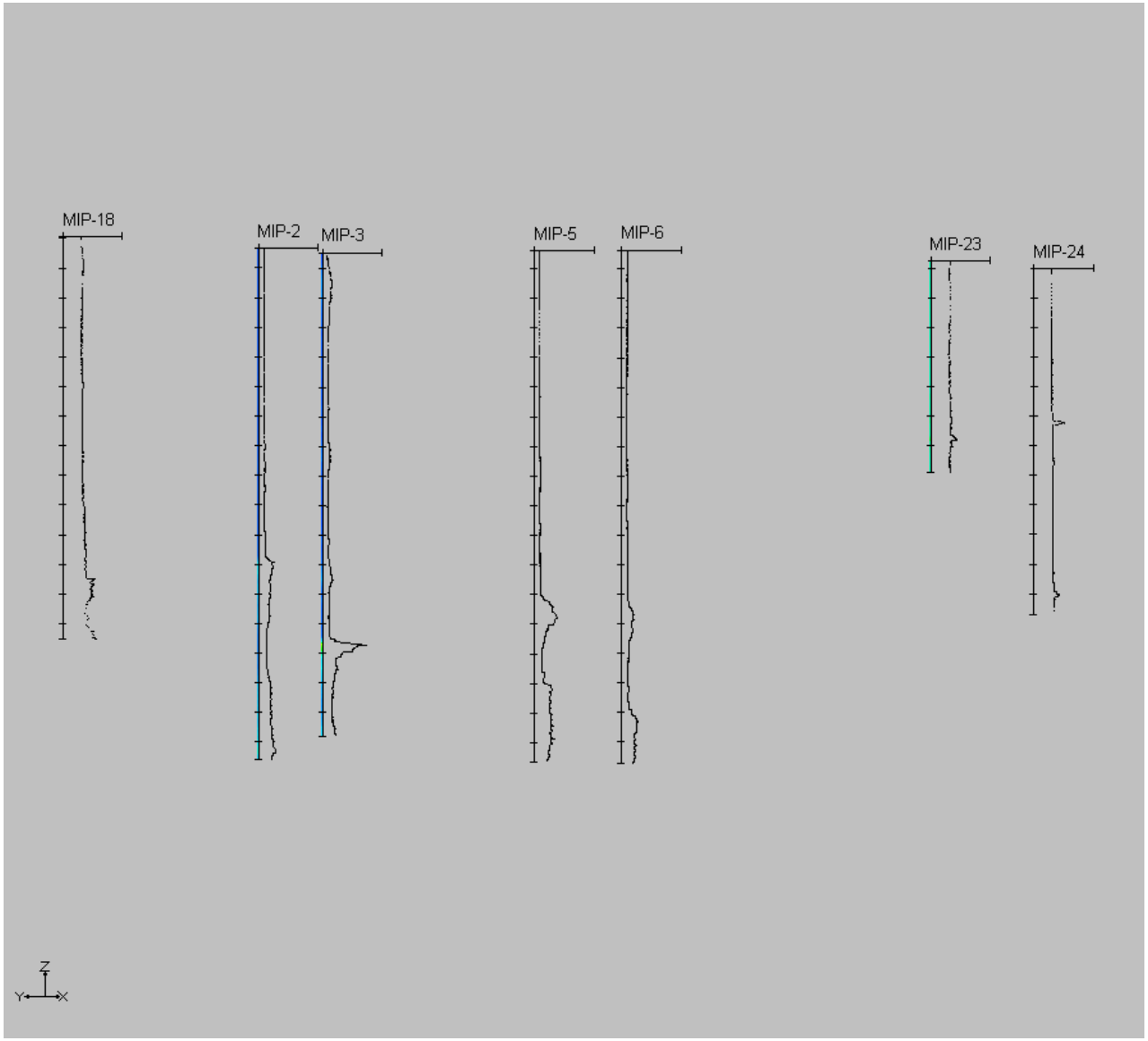


Figure 24 PID Sensor Cross-Section A – A’

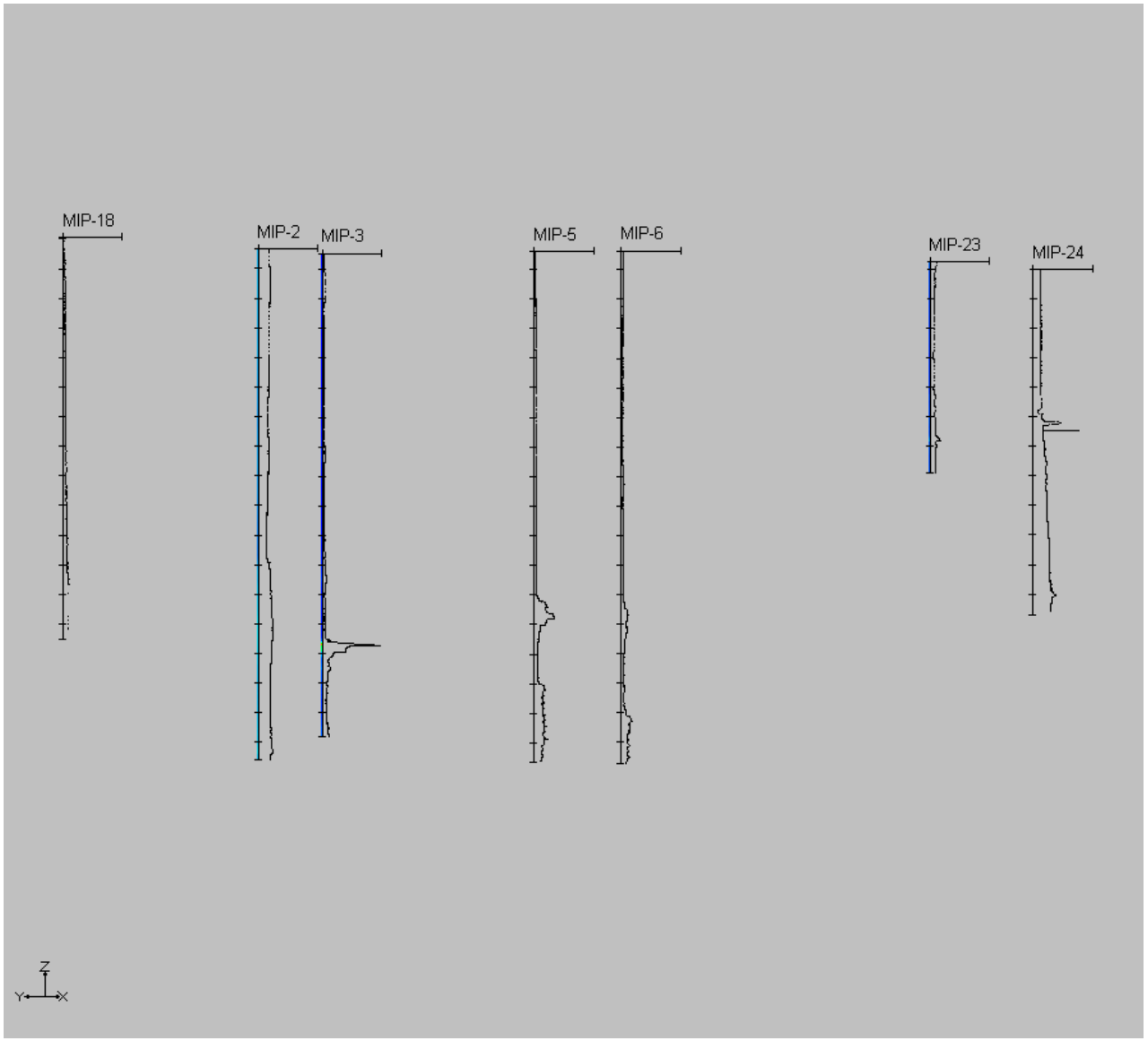


Figure 25 FID Sensor Cross-Section A – A’

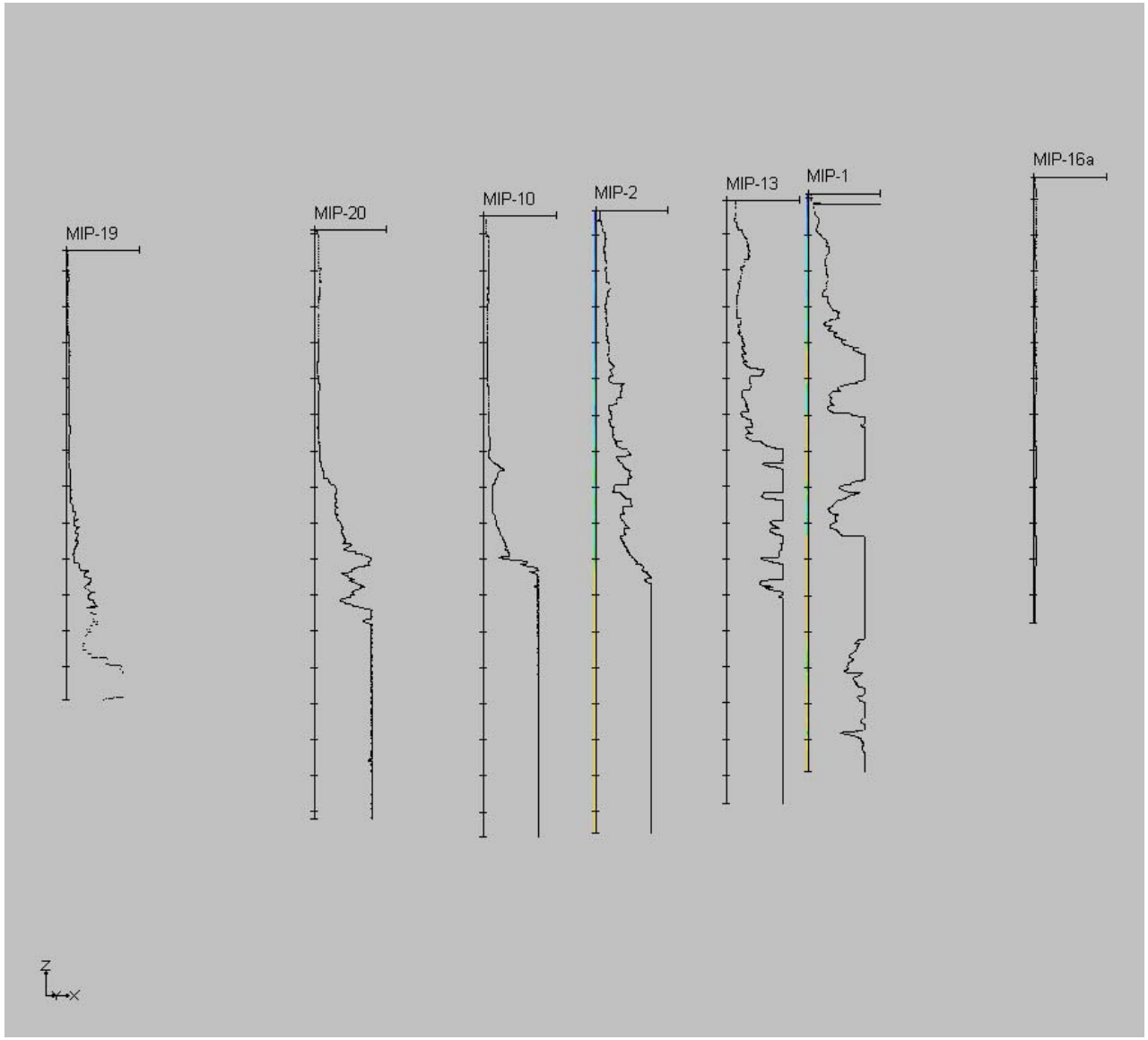


Figure 26 ECD Sensor Cross-Section B-B’

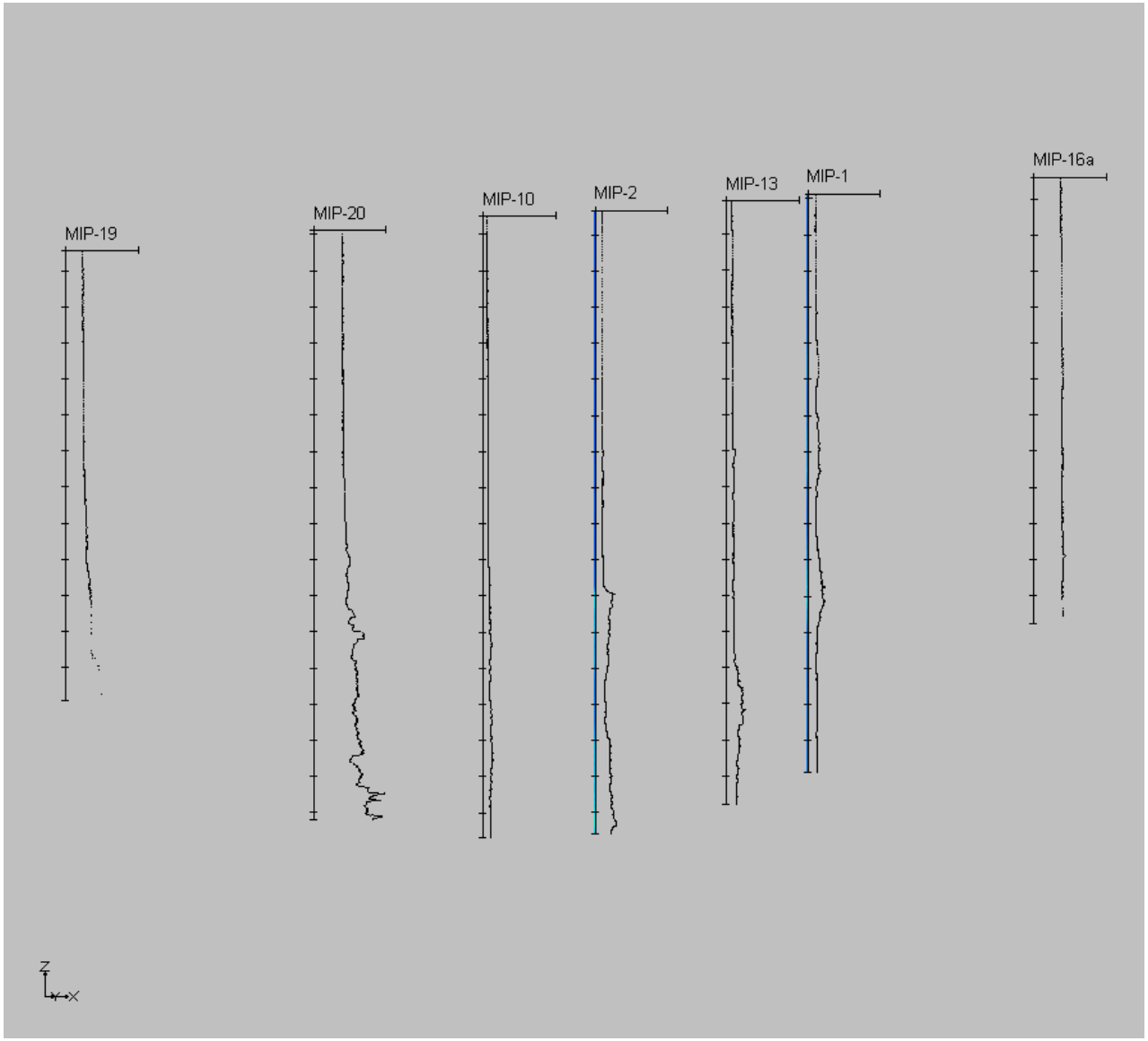


Figure 27 PID Sensor Cross-Section B-B’

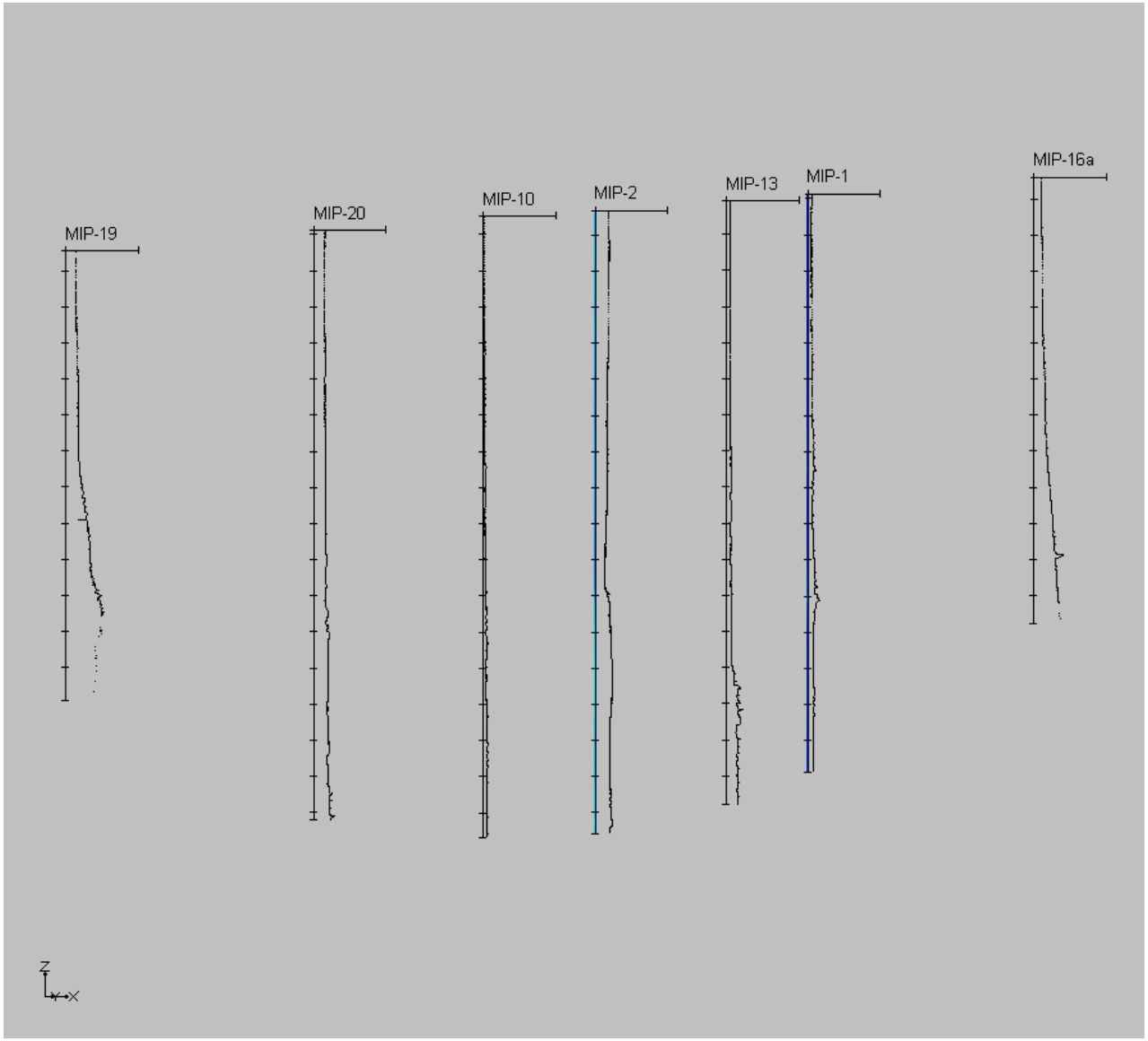


Figure 28 FID Sensor Cross-Section B-B’

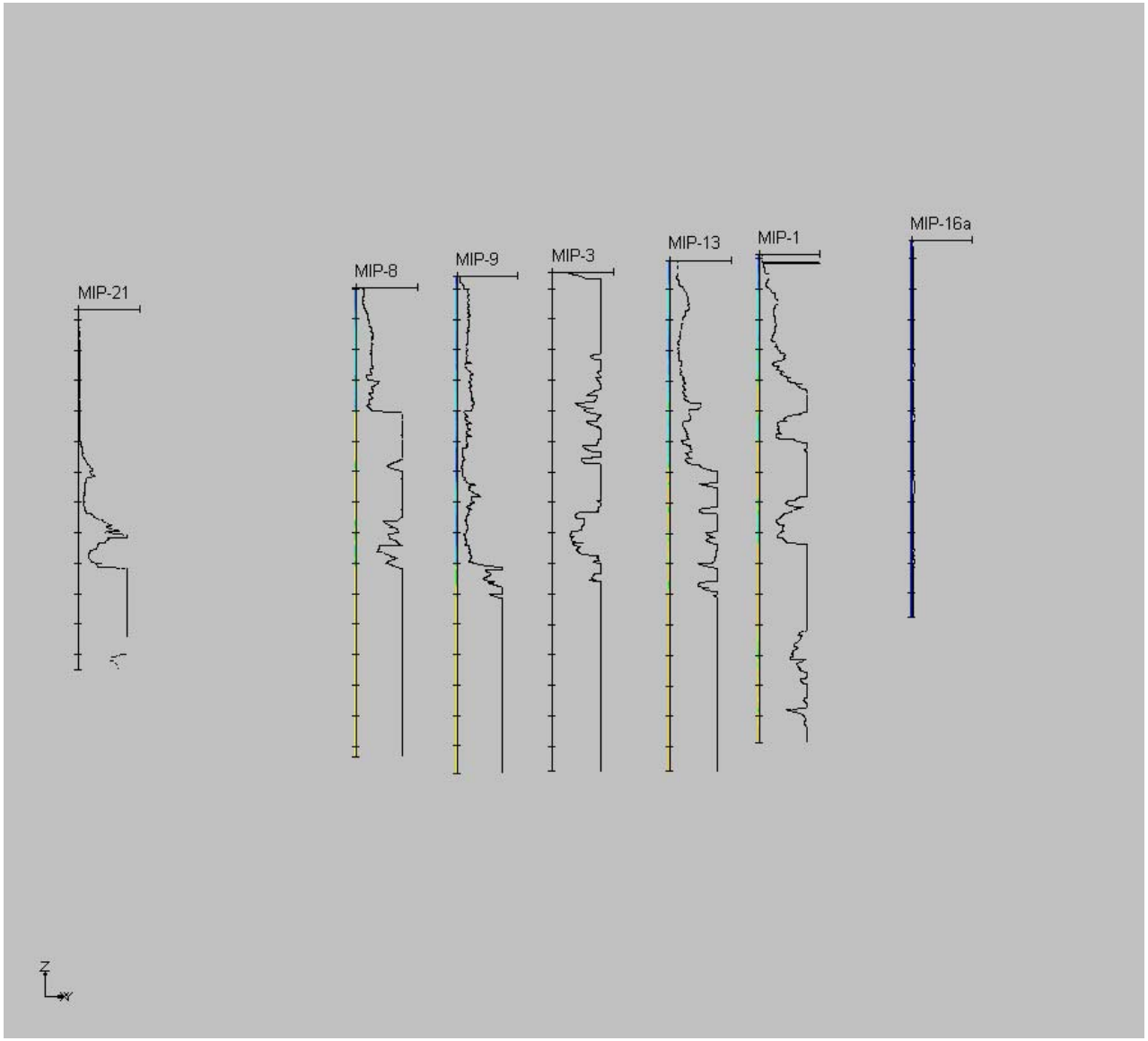


Figure 29 ECD Sensor Cross-Section C-C’

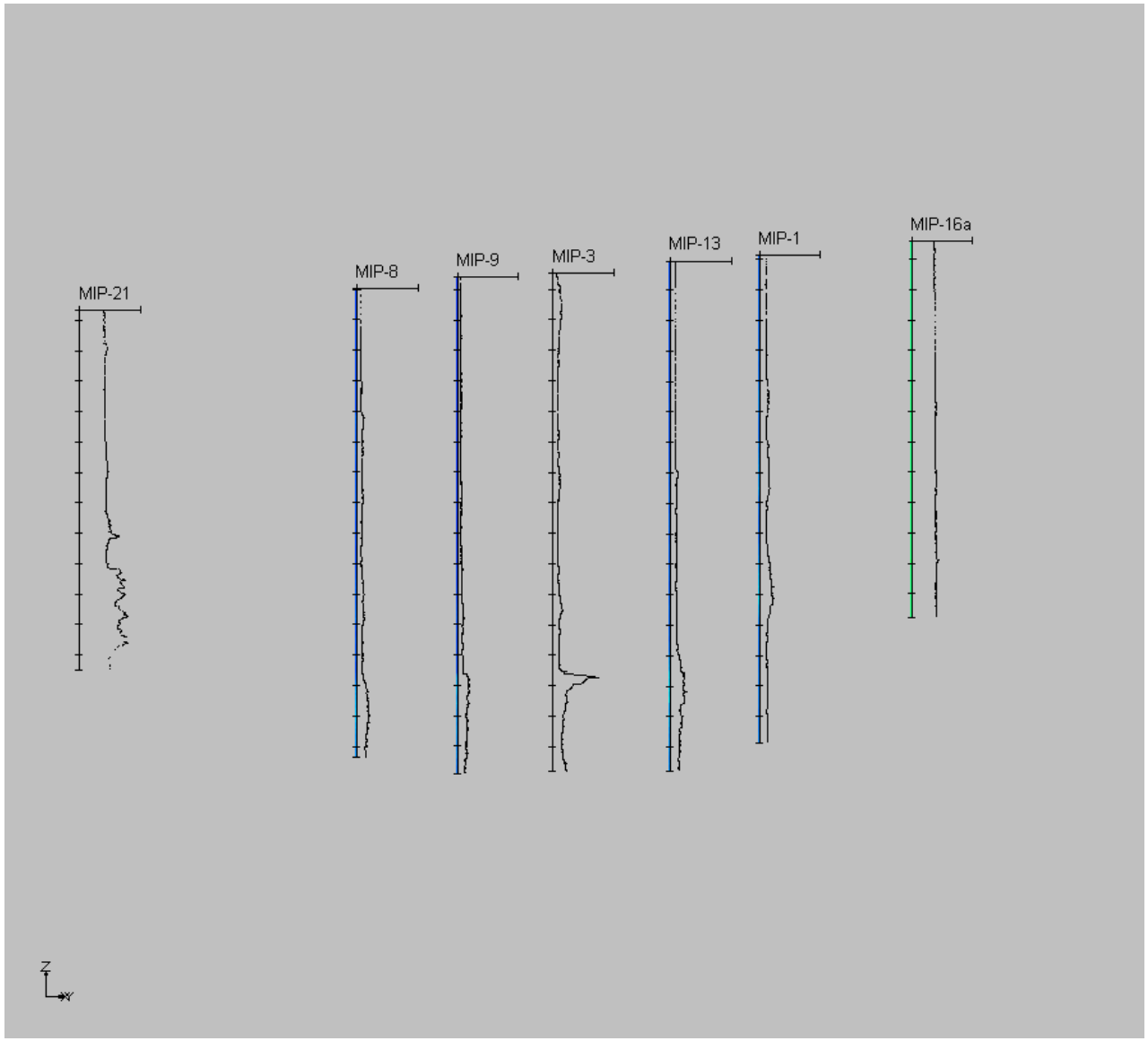


Figure 30 PID Sensor Cross-Section C-C’

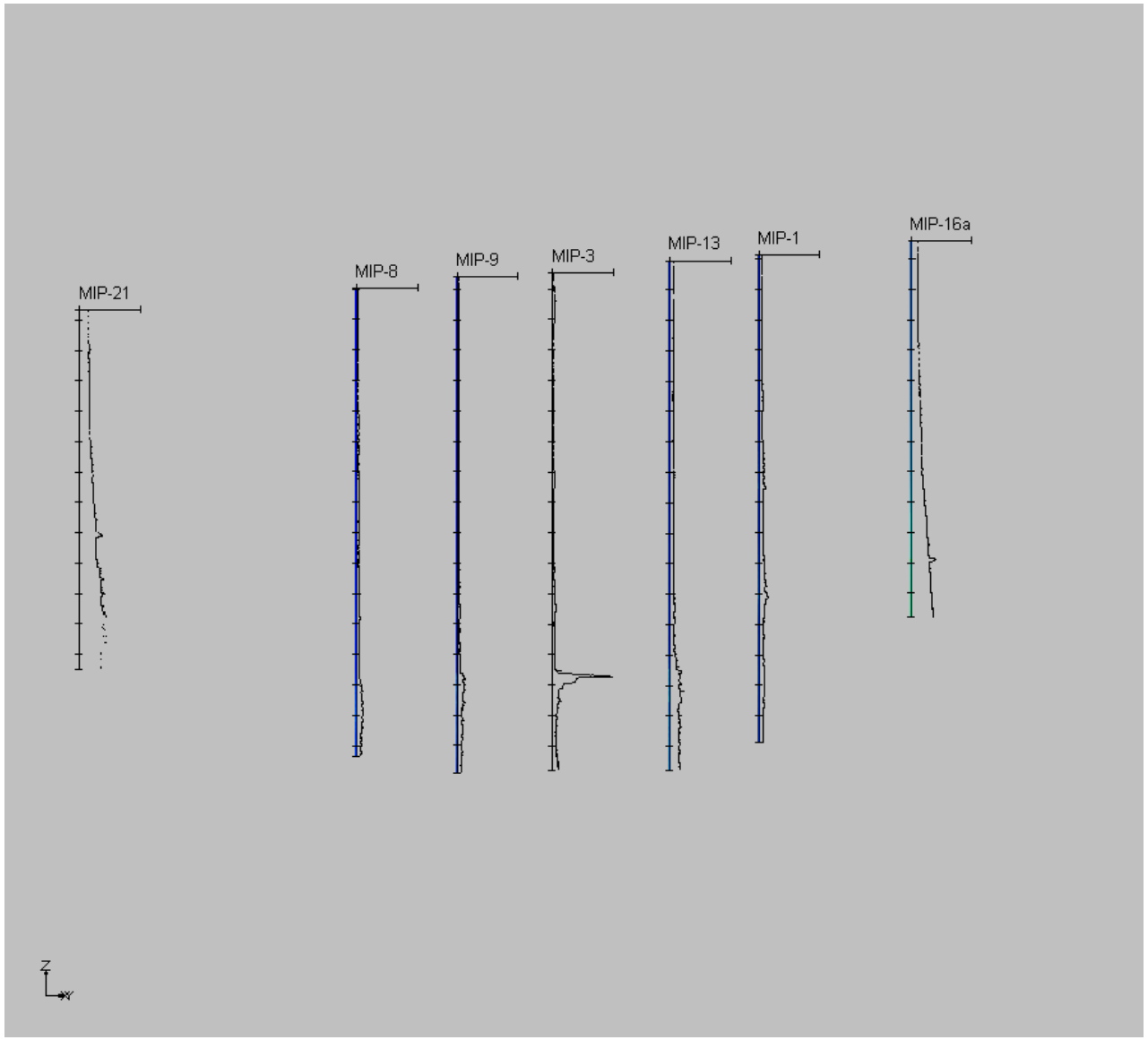


Figure 31 FID Sensor Cross-Section C-C’

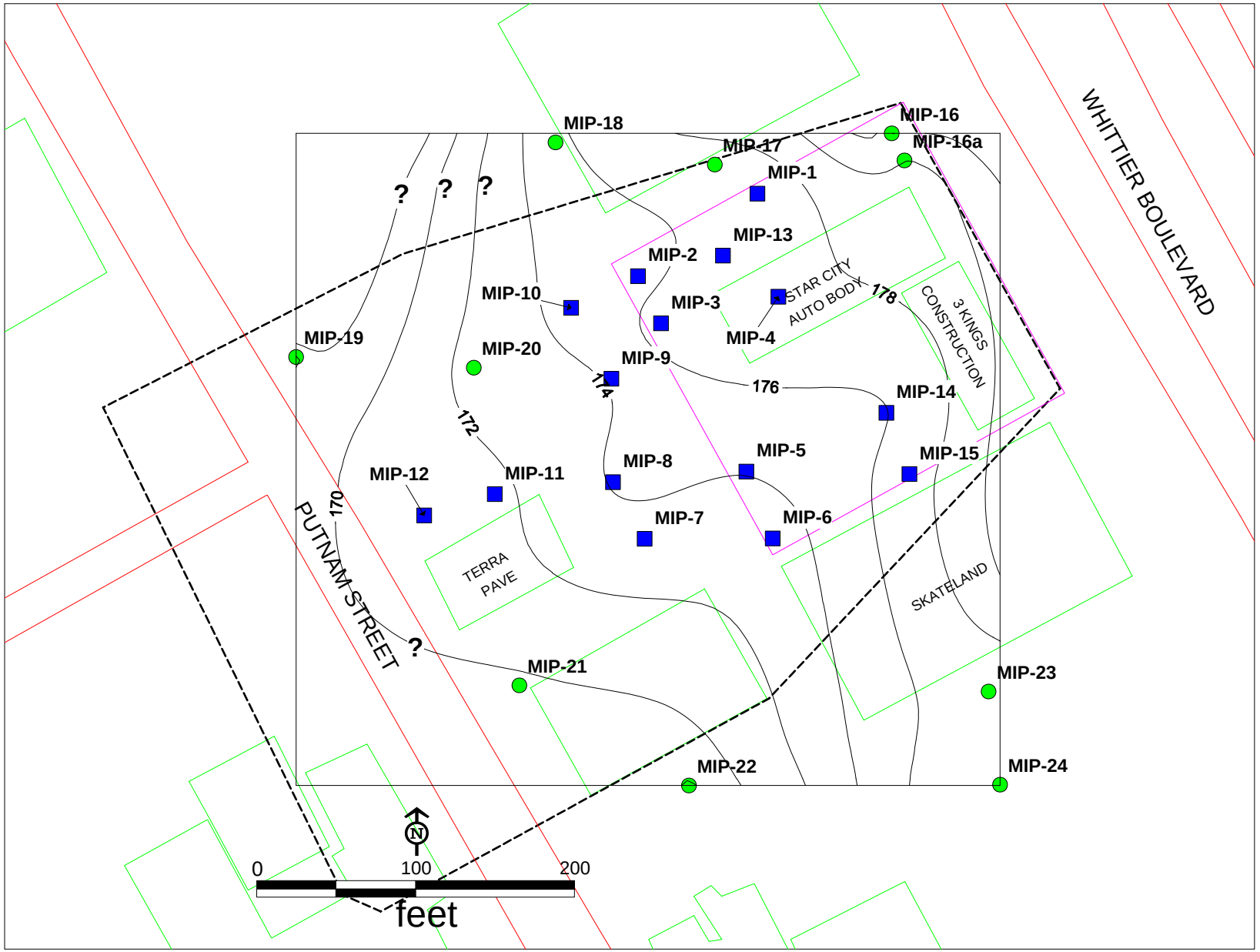


Figure 32 Elevation of Top of “30-foot” Clay Zone

Figure 33 Location of Proposed Additional MIP/VP Borings

Tables

Table 1
Omega Chemical Superfund Site
Summary of Soil Analytical Data

		Sample ID	MIP-14-B1-26	MIP-14-B1-34	MIP-14-B1-53	MIP-14-B1-74	MIP1-B3-29		MIP1-B3-33	MIP1-B3-37	MIP1-B3-57	MIP1-B3-69	MIP3-B2-05	MIP3-B2-15	MIP3-B2-30	MIP3-B2-33	MIP3-B2-42	MIP3-B2-57		MIP3-B2-66
								Duplicate											Duplicate	
		Sample Depth (ft bgs)	26	34	53	74	29	29	33	37	57	69	5	15	30	33	42	57	57	66
		Sample Date	16-Dec-05	16-Dec-05	16-Dec-05	16-Dec-05	19-Dec-05	19-Dec-05	19-Dec-05	19-Dec-05	19-Dec-05	19-Dec-05	17-Dec-05	17-Dec-05	17-Dec-05	17-Dec-05	17-Dec-05	17-Dec-05	17-Dec-05	17-Dec-05
Parameter	Method	Units																		
TOTAL ORGANIC CARBON	9060	mg/kg	1800	2400	1800	1600	2100	3700	1400	1500	2400	1300	5300	2400	1900	1300	1100	1800	1200	1000
MOISTURE	ASTM D2216	%	16.6	15.8	16.5	16.7	16.5	16.7	16.1	16.4	14.2	22.8	17.3	16.6	18.2	16.9	14.9	14.9	15.4	17.2
1,4-DIOXANE	EPA 8270CM	mg/kg	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	28	41	1.7	0.52	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1,2-TETRACHLOROETHANE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	2.6	2.1	5
1,1,1-TRICHLOROETHANE	EPA 8260B	ug/kg	0.83 U	0.8 U	1.4	80 U	0.97	1 U	1.2	1.5	1.6	4.6	47	64	28	39	26	30	28	54
1,1,2,2-TETRACHLOROETHANE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	EPA 8260B	ug/kg	36	35	24	800 U	27	15	28	24	17	53	8.4 U	8.6 U	9.9 U	8.4 U	9 U	9.8 U	8.6 U	9.9 U
1,1,2-TRICHLOROETHANE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	7.6	6.9	8.1	5.8	2.5	1.5	3.4	4.1	11	11	19	25	23	44
1,1-DICHLOROETHANE	EPA 8260B	ug/kg	4	4.9	7.1	80 U	4.1	3.1	4.7	5.5	7	18	8.4	12	13	18	23	26	24	21
1,1-DICHLOROETHENE	EPA 8260B	ug/kg	200	250	210	210	200	130	200	120	160	450	3.9	10	12	0.84 U	35	50	46	56
1,1-DICHLOROPROPENE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
1,2,3-TRICHLOROBENZENE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
1,2,3-TRICHLOROPROPANE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
1,2,4-TRICHLOROBENZENE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
1,2,4-TRIMETHYLBENZENE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
1,2-DIBROMO-3-CHLOROPROPANE	EPA 8260B	ug/kg	4.2 U	4 U	4.4 U	400 U	4.2 U	5 U	4.2 U	4.3 U	4.3 U	4.7 U	4.2 U	4.3 U	5 U	4.2 U	4.5 U	4.9 U	4.3 U	5 U
1,2-DIBROMOETHANE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
1,2-DICHLOROBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.88	0.86 U	0.99 U	0.84 U	0.93	0.98 U	0.86 U	0.99 U
1,2-DICHLOROETHANE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	6.3	16	160	260	220	74	72	72
1,2-DICHLOROPROPANE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
1,3,5-TRIMETHYLBENZENE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
1,3-DICHLOROBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
1,3-DICHLOROPROPANE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
1,4-DICHLOROBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	1.6	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
2,2-DICHLOROPROPANE	EPA 8260B	ug/kg	4.2 U	4 U	4.4 U	400 U	4.2 U	5 U	4.2 U	4.3 U	4.3 U	4.7 U	4.2 U	4.3 U	5 U	4.2 U	4.5 U	4.9 U	4.3 U	5 U
2-BUTANONE	EPA 8260B	ug/kg	17 U	16 U	17 U	1600 U	17 U	20 U	17 U	17 U	17 U	19 U	17 U	17 U	20 U	17 U	18 U	20 U	17 U	20 U
2-CHLOROTOLUENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
2-HEXANONE	EPA 8260B	ug/kg	17 U	16 U	17 U	1600 U	17 U	20 U	17 U	17 U	17 U	19 U	17 U	17 U	20 U	17 U	18 U	20 U	17 U	20 U
4-CHLOROTOLUENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
4-METHYL-2-PENTANONE	EPA 8260B	ug/kg	17 U	16 U	17 U	1600 U	17 U	20 U	17 U	17 U	17 U	19 U	17 U	17 U	20 U	17 U	18 U	20 U	17 U	20 U
ACETONE	EPA 8260B	ug/kg	17 U	16 U	17 U	1600 U	17 U	20 U	17 U	17 U	17 U	19 U	17 U	17 U	20 U	17 U	18 U	21	23	20 U
BENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	1.2	80 U	0.84 U	1 U	0.84 U	1.1	1.6	1.3	0.84 U	0.86 U	1.9	1.5	3.3	7.8	7.3	3.9
BROMOBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
BROMOCHLOROMETHANE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
BROMODICHLOROMETHANE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
BROMOFORM	EPA 8260B	ug/kg	4.2 U	4 U	4.4 U	400 U	4.2 U	5 U	4.2 U	4.3 U	4.3 U	4.7 U	4.2 U	13	5 U	25	4.5 U	4.9 U	4.3 U	5 U
BROMOMETHANE	EPA 8260B	ug/kg	17 U	16 U	17 U	1600 U	17 U	20 U	17 U	17 U	17 U	19 U	17 U	17 U	20 U	17 U	18 U	20 U	17 U	20 U
CARBON DISULFIDE	EPA 8260B	ug/kg	8.3 U	8 U	8.7 U	800 U	8.4 U	10 U	8.4 U	8.6 U	8.7 U	9.4 U	8.4 U	8.6 U	9.9 U	8.4 U	9 U	9.8 U	8.6 U	9.9 U
CARBON TETRACHLORIDE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
CHLOROBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
CHLOROETHANE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
CHLOROFORM	EPA 8260B	ug/kg	2.4	3.6	9.4	80 U	8.5	7.2	9.8	11	13	30	4.7	7.1	13	18	40	65	57	61
CHLOROMETHANE	EPA 8260B	ug/kg	17 U	16 U	17 U	1600 U	17 U	20 U	17 U	17 U	17 U	19 U	17 U	17 U	20 U	17 U	18 U	20 U	17 U	20 U
CIS-1,2-DICHLOROETHENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
CIS-1,3-DICHLOROPROPENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
DIBROMOCHLOROMETHANE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
DIBROMOMETHANE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
DICHLORODIFLUOROMETHANE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
DI-ISOPROPYL ETHER (DIPE)	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
ETHANOL	EPA 8260B	ug/kg	420 U	400 U	440 U	40000 U	420 U	500 U	420 U	430 U	430 U	470 U	420 U	430 U	500 U	420 U	450 U	490 U	430 U	500 U
ETHYL TERT-BUTYL ETHER (ETBE)	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
ETHYLBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
ISOPROPYLBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
M,P-XYLENES	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
METHYL TERT-BUTYL ETHER	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
METHYLENE CHLORIDE	EPA 8260B	ug/kg	8.3 U	8 U	8.7 U	800 U	8.4 U	10 U	8.4 U	8.6 U	8.7 U	9.4 U	8.4 U	8.6 U	9.9 U	8.4 U	9 U	33	33	21
NAPHTHALENE	EPA 8260B	ug/kg	8.3 U	8 U	8.7 U	800 U	8.4 U	10 U	8.4 U	8.6 U	8.7 U	9.4 U	8.4 U	8.6 U	9.9 U	8.4 U	9 U	9.8 U	8.6 U	9.9 U
N-BUTYLBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
N-PROPYLBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
O-XYLENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
P-ISOPROPYLTOLUENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
SEC-BUTYLBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
STYRENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
TERT-AMYL METHYL ETHER (TAME)	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
TERT-BUTYL ALCOHOL	EPA 8260B	ug/kg	17 U	16 U	17 U	1600 U	17 U	20 U	17 U	17 U	17 U	19 U	17 U	17 U	20 U	17 U	18 U	20 U	17 U	20 U
TERT-BUTYLBENZENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U
TETRACHLOROETHENE	EPA 8260B	ug/kg	960	1600	1900	3300	2200	2400	1200	2000	1500	0.94 U	4300	2400	3600	1700	2700	6900	3600	18000
TOLUENE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	1.6	1.6	0.99 U
TRANS-1,2-DICHLOROETHENE	EPA 8260B	ug/kg	4.8	7.5	17	80 U	12	8.6	15	19	23	60	0.84 U	0.86 U	0.99 U	0.84 U	1.7	2.6	2.5	2.5
TRANS-1,3-DICHLOROPROPENE	EPA 8260B	ug/kg	1.7 U	1.6 U	1.7 U	160 U	1.7 U	2 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.7 U	2 U	1.7 U	1.8 U	2 U	1.7 U	2 U
TRICHLOROETHENE	EPA 8260B	ug/kg	81	96	120	240	230	150	190	190 U	170 U	520	28	34	35	43	74	120	110	150
TRICHLOROFLUOROMETHANE (FREON 11)	EPA 8260B	ug/kg	38	38	29	800 U	22	12	24	19	12	28	8.4 U	8.6 U	9.9 U	8.4 U	9 U	9.8 U	8.6 U	9.9 U
VINYL ACETATE	EPA 8260B	ug/kg	8.3 U	8 U	8.7 U	800 U	8.4 U	10 U	8.4 U	8.6 U	8.7 U	9.4 U	8.4 U	8.6 U	9.9 U	8.4 U	9 U	9.8 U	8.6 U	9.9 U
VINYL CHLORIDE	EPA 8260B	ug/kg	0.83 U	0.8 U	0.87 U	80 U	0.84 U	1 U	0.84 U	0.86 U	0.87 U	0.94 U	0.84 U	0.86 U	0.99 U	0.84 U	0.9 U	0.98 U	0.86 U	0.99 U

Notes:
ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram

Table 2
Omega Chemical Superfund Site
Summary of Soil Vapor Analytical Data

Probe No.	Sample Type	Sample Date	Depth	Matrix	1,1,1-TRICHLORO-ETHANE mg/m3	1,1,2-TRICHLORO-1,2,2-TRIFLUORO-ETHANE mg/m3	1,1-DICHLORO-ETHANE mg/m3	1,1-DICHLORO-ETHENE mg/m3	1,2,4-TRIMETHYL-BENZENE mg/m3	1,3-BUTADIENE mg/m3	2,2,4-TRIMETHYL-PENTANE mg/m3	2-BUTANONE mg/m3	2-PROPANOL mg/m3	4-ETHYL-TOLUENE mg/m3	ACETONE mg/m3	BENZENE mg/m3	CARBON DISULFIDE mg/m3	CHLOROFORM mg/m3	CIS-1,2-DICHLORO-ETHENE mg/m3	CYCLO-HEXANE mg/m3	DICHLORO-DIFLUORO-METHANE mg/m3	ETHANOL mg/m3	ETHYL-BENZENE mg/m3	FREON 11 mg/m3	HEPTANE mg/m3	HEXANE (N-HEXANE) mg/m3	M,P-XYLENES mg/m3	METHANE %	METHYLENE CHLORIDE mg/m3	O-XYLENE mg/m3	TETRACHLORO-ETHENE mg/m3	TOLUENE mg/m3	TRANS-1,2-DICHLORO-ETHENE mg/m3	TRICHLORO-ETHENE mg/m3
VP-13	ORIG	12-Dec-05	8	SG	1.2 U	40	1.4	50	1.1 U	0.5 U	1.5	0.66 U	2.2 U	1.1 U	2.1 U	0.72 U	0.7 U	11	1.5	0.95	1.1 U	1.7 U	0.97 U	11	0.92 U	2.2	0.97 U		0.78 U	0.97 U	420	0.84 U	0.89 U	37
VP-13	ORIG	12-Dec-05	20	SG	0.19 U	10	0.5	14	0.17 U	0.076 U	0.16 U	0.1 U	0.34 U	0.17 U	0.5	0.11 U	0.11 U	5.9	0.69	0.12 U	0.17 U	0.26 U	0.15 U	2.7	0.14 U	0.14	0.15 U		0.12 U	0.15 U	67	0.18	0.14 U	7
VP-13	ORIG	12-Dec-05	29	SG	5 U	140	8.7	230	4.5 U	2 U	4.3 U	2.7 U	37	4.5 U	8.7 U	2.9 U	2.8 U	100	13	3.1 U	4.5 U	6.9 U	4 U	37	3.7 U	3.2 U	4 U		3.2 U	4 U	1200	12	3.6 U	110
VP-13	ORIG	12-Dec-05	40	SG	3.9	61	1.1	99	0.34 U	0.15 U	0.5	0.2 U	0.68 U	0.34 U	0.66 U	0.22 U	0.21 U	21	1.5	0.31	0.34 U	0.52 U	0.3 U	16	0.28 U	0.59	0.3 U	0.002	1.4	0.3 U	89	0.26 U	0.32	8.7
VP-13	ORIG	12-Dec-05	56	SG	39	250	7.3	430	2.1 U	0.94 U	2 U	1.2 U	29	2.1 U	4 U	1.4 U	2.4	110	6	1.5 U	2.1 U	3.2 U	1.8 U	50	1.7 U	1.5 U	1.8 U		21	1.8 U	850	7.2	1.7	59
VP-13	ORIG	12-Dec-05	71	SG																								0.00097						
VP-14	DUP	15-Dec-05	44	SG	7 U	1600	5.2 U	1200	6.3 U	2.8 U	6 U	3.8 U	13 U	6.3 U	12 U	4.1 U	4 U	22	5.1 U	4.4 U	6.4 U	9.7 U	5.6 U	360	5.3 U	4.5 U	5.6 U		4.5 U	5.6 U	400	4.9 U	5.1 U	69
VP-14	ORIG	15-Dec-05	12	SG	0.66 U	120	0.49 U	120	0.59 U	0.27 U	0.56 U	0.36 U	1.2 U	0.59 U	1.1 U	0.38 U	0.38 U	0.59 U	0.48 U	0.41 U	0.6 U	0.91 U	0.52 U	26	0.49 U	0.42 U	0.52 U		0.42 U	0.52 U	99	0.45 U	0.48 U	8.2
VP-14	ORIG	15-Dec-05	29	SG	4.2 U	1200	3.1 U	740	3.8 U	1.7 U	3.6 U	2.3 U	7.6 U	3.8 U	7.4 U	2.5 U	2.4 U	3.8 U	3.1 U	2.7 U	3.8 U	5.8 U	3.4 U	220	3.2 U	2.7 U	3.4 U		2.7 U	3.4 U	180	2.9 U	3.1 U	20
VP-14	ORIG	15-Dec-05	35	SG	4.5 U	970	3.3 U	810	4 U	1.8 U	3.8 U	2.4 U	8.1 U	4 U	7.8 U	2.6 U	2.6 U	4 U	3.3 U	2.8 U	4.1 U	6.2 U	3.6 U	180	3.4 U	2.9 U	3.6 U		2.9 U	3.6 U	450	3.1 U	3.3 U	45
VP-14	ORIG	15-Dec-05	44	SG	6.5 U	1600	4.8 U	1200	5.8 U	2.6 U	5.6 U	3.5 U	12 U	5.8 U	11 U	3.8 U	3.7 U	21	4.7 U	4.1 U	5.9 U	9 U	5.2 U	350	4.9 U	4.2 U	5.2 U		4.1 U	5.2 U	380	4.5 U	4.7 U	68
VP-14	ORIG	15-Dec-05	51	SG	32	4100	18	3400	11 U	5 U	10 U	6.6 U	22 U	11 U	21 U	7.2 U	7 U	160	8.9 U	7.7 U	11 U	17 U	9.7 U	770	9.2 U	7.9 U	9.7 U		7.8 U	9.7 U	2900	8.4 U	8.9 U	460
VP-14	ORIG	15-Dec-05	58	SG	32	3300	17	3200	12 U	5.5 U	12 U	7.3 U	24 U	12 U	23 U	7.9 U	7.7 U	180	9.8 U	8.5 U	12 U	19 U	11 U	710	10 U	8.7 U	11 U		8.6 U	11 U	6100	9.3 U	9.8 U	610
VP-15	DUP	14-Dec-05	12	SG	2.6 U	650	2 U	550	2.4 U	1.1 U	2.3 U	1.4 U	9.8	2.4 U	4.6 U	1.5 U	1.5 U	2.4 U	1.9 U	1.7 U	2.4 U	3.6 U	2.1 U	160	2 U	1.7 U	2.1 U		1.7 U	2.1 U	520	2.7	1.9 U	38
VP-15	ORIG	14-Dec-05	6	SG	1.4 U	420	1 U	380	1.2 U	0.56 U	1.2 U	0.75 U	2.5 U	1.2 U	2.4 U	0.81 U	0.79 U	1.2 U	1 U	0.87 U	1.2 U	1.9 U	1.1 U	89	1 U	0.89 U	1.1 U		0.88 U	1.1 U	430	0.95 U	1 U	24
VP-15	ORIG	14-Dec-05	12	SG	4.7 U	1000	3.5 U	860	4.2 U	1.9 U	4 U	2.5 U	8.4 U	4.2 U	8.2 U	2.7 U	2.7 U	4.2 U	3.4 U	3 U	4.2 U	6.5 U	3.7 U	200	3.5 U	3 U	3.7 U		3 U	3.7 U	900	3.2 U	3.4 U	58
VP-15	ORIG	14-Dec-05	18	SG	2.8 U	900	2 U	810	2.5 U	1.1 U	2.4 U	1.5 U	5 U	2.5 U	4.8 U	1.6 U	1.6 U	2.5 U	2 U	1.7 U	2.5 U	3.8 U	2.2 U	210	2.1 U	1.8 U	2.2 U		1.8 U	2.2 U	320	1.9 U	2 U	31
VP-15	ORIG	14-Dec-05	24	SG	2.6 U	630	1.9 U	530	2.3 U	1 U	2.2 U	1.4 U	4.7 U	2.3 U	4.5 U	1.5 U	1.5 U	2.3 U	1.9 U	1.6 U	2.4 U	3.6 U	2.1 U	160	2 U	1.7 U	2.1 U		1.6 U	2.1 U	71	1.8 U	1.9 U	12
VP-15	ORIG	14-Dec-05	40	SG	6.2 U	1500	4.6 U	1100	5.6 U	2.5 U	12	3.4 U	13	5.6 U	11 U	5.3	3.6 U	14	4.5 U	15	5.7 U	8.6 U	5 U	400	9.8	34	5 U		4 U	5 U	190	4.3 U	4.5 U	53
VP-15	ORIG	14-Dec-05	50	SG	8.3 U	1500	6.2 U	1200	7.5 U	3.4 U	14	4.5 U	15 U	7.5 U	14 U	6.3	4.7 U	25	6 U	17	7.5 U	11 U	6.6 U	350	11	37	6.6 U		5.3 U	6.6 U	430	5.7 U	6 U	78
VP-15	ORIG	14-Dec-05	60	SG	16	2100	8.6	1700	7.8 U	3.5 U	7.4 U	4.7 U	16 U	7.8 U	15 U	5.1 U	4.9 U	100	6.3 U	5.4 U	7.8 U	12 U	6.9 U	510	6.5 U	5.6 U	6.9 U		5.5 U	6.9 U	1900	6 U	6.3 U	230
VP-15	ORIG	14-Dec-05	70	SG	15	2100	7.4	1700	7.2 U	3.2 U	6.8 U	4.3 U	21	7.2 U	14 U	4.7 U	4.6 U	91	5.8 U	5 U	7.2 U	11 U	6.4 U	510	6 U	5.2 U	6.4 U		5.1 U	6.4 U	1400	5.5 U	5.8 U	190
VP-16	DUP	13-Dec-05	32	SG	1.3 U	420	0.98 U	310	1.2 U	0.54 U	1.1 U	0.71 U	2.4 U	1.2 U	2.3 U	0.77 U	0.75 U	1.2 U	0.96 U	0.83 U	1.2 U	1.8 U	1 U	93	0.99 U	0.85 U	1 U		0.84 U	1 U	140	0.91 U	0.96 U	24
VP-16	ORIG	13-Dec-05	8	SG	0.61 U	180	0.45 U	59	0.55 U	0.25 U	0.52 U	0.33 U	1.1 U	0.55 U	1.1 U	0.36 U	0.35 U	0.55 U	0.44 U	0.38 U	0.55 U	0.84 U	0.49 U	46	0.46 U	0.39 U	0.49 U		0.39 U	0.49 U	20	0.42 U	0.44 U	6.1
VP-16	ORIG	13-Dec-05	22	SG	1.4 U	340	1 U	180	1.3 U	0.57 U	1.2 U	0.76 U	2.5 U	1.3 U	2.5 U	0.83 U	0.81 U	1.3 U	1 U	0.89 U	1.3 U	2 U	1.1 U	74	1.1 U	0.91 U	1.1 U		0.9 U	1.1 U	28	0.98 U	1 U	10
VP-16	ORIG	13-Dec-05	32	SG	1.3 U	440	0.98 U	330	1.2 U	0.54 U	1.1 U	0.71 U	2.4 U	1.2 U	2.3 U	0.77 U	0.75 U	1.2 U	0.96 U	0.83 U	1.2 U	1.8 U	1 U	99	0.99 U	0.85 U	1 U		0.84 U	1 U	140	0.91 U	0.96 U	25
VP-16	ORIG	13-Dec-05	47	SG	4.4 U	1300	3.2 U	620	4 U	1.8 U	4.5	2.4 U	10	4 U	7.6 U	2.6 U	2.5 U	3.9 U	3.2 U	5.8	4 U	6.1 U	3.5 U	230	3.3 U	12	3.5 U		2.8 U	3.5 U	120	3 U	3.2 U	33
VP-16	ORIG	14-Dec-05	60	SG	0.13 U	18	0.094 U	29	0.11 U	0.052 U	0.11 U	0.069 U	0.23 U	0.11 U	0.22 U	0.074 U	0.072 U	0.11 U	0.092 U	0.08 U	0.12 U	0.18 U	0.1 U	3.9	0.095 U	0.087	0.1 U		0.081 U	0.1 U	15	0.096	0.092 U	4.6
VP-17	ORIG	12-Dec-05	15	SG	0.092 U	21	0.069 U	16	0.083 U	0.056	0.089	0.054	0.17 U	0.083 U	0.28	0.054 U	0.053 U	0.083 U	0.067 U	0.058 U	0.084 U	0.13 U	0.074 U	7.6	0.069 U	0.095	0.13		0.059 U	0.074 U	2.5	0.15	0.067 U	0.55
VP-17	ORIG	12-Dec-05	25	SG	0.18 U	37	0.13 U	36	0.16 U	0.072 U	0.15 U	0.096 U	0.32 U	0.16 U	0.31 U	0.1 U	0.1 U	0.16 U	0.13 U	0.11 U	0.16 U	0.25 U	0.14 U	12	0.13 U	0.12 U	0.14 U		0.11 U	0.14 U	12	0.12 U	0.13 U	3.1
VP-17	ORIG	12-Dec-05	31	SG	0.29 U	64	0.22 U	67	0.26 U	0.12 U	0.25 U	0.16 U	0.53 U	0.26 U	0.51 U	0.17 U	0.17 U	0.26 U	0.21 U	0.18 U	0.27 U	0.41 U	0.23 U	20	0.22 U	0.19 U	0.23 U		0.19 U	0.23 U	63	0.2 U	0.21 U	8.9
VP-17	ORIG	12-Dec-05	45	SG	1.7 U	640	1.2 U	230	1.5 U	0.69 U	1.4 U	0.92 U	4.2	1.5 U	4.5	0.99 U	2.8	1.5 U	1.2 U	1.1 U	1.5 U	2.3 U	1.3 U	160	1.3 U	1.1 U	1.3 U		1.1 U	1.3 U	32	1.2 U	1.2 U	7.4
VP-17	ORIG	12-Dec-05	60	SG	7.7 U	3200	5.7 U	1100	6.9 U	3.1 U	6.6 U	4.2 U	29	6.9 U	13 U	4.5 U	4.4 U	6.9 U	5.6 U	4.8 U	7 U	11 U	6.1 U	570	5.8 U	5 U	6.1 U		4.9 U	6.1 U	750	5.3 U	5.6 U	98
VP-18	DUP	15-Dec-05	38	SG	8.3 U	2000	6.2 U	1600	7.5 U	3.4 U	7.1 U	4.5 U	15 U	7.5 U	14 U	4.9 U	4.7 U	7.4 U	6 U	5.2 U	7.5 U	11 U	6.6 U	340	6.2 U	5.4 U	6.6 U		5.3 U	6.6 U	500	5.7 U	6 U	66
VP-18	ORIG	15-Dec-05	27	SG	4.8 U	1400	3.6 U	820	4.3 U	1.9 U	4.1 U	2.6 U	19	4.3 U	8.4 U	2.8 U	2.7 U	4.3 U	3.5 U	3 U	4.6	6.6 U	3.8 U	260	3.6 U	3.1 U	3.8 U	0.00069	3 U	3.8 U	51	3.3 U	3.5 U	12
VP-18	ORIG	15-Dec-05	38	SG	8.2 U	1800	6 U	1400	7.3 U	3.3 U	7 U	4.4 U	15 U	7.3 U	14 U	4.8 U	4.6 U	7.3 U	5.9 U	5.1 U	7.4 U	11 U	6.5 U	310	6.1 U	5.3 U	6.5 U		5.2 U	6.5 U	450	5.6 U	5.9 U	60
VP-18	ORIG	15-Dec-05	50	SG	10 U	3100	7.7 U	2100	9.4 U	4.2 U	8.9 U	5.6 U	19 U	9.4 U	18 U	6.1 U	5.9 U	9.3 U	7.6 U	6.6 U	12	14 U	8.3 U	600	7.8 U	6.7 U	8.3 U		6.6 U	8.3 U	830	7.2 U	7.6 U	110
VP-18	ORIG	15-Dec-05	58	SG	13 U	4300	9.6 U	3000	12 U	5.3 U	11 U	7 U	23 U	12 U	23 U	7.6 U	7.4 U	12 U	9.4 U	8.2 U	13	18 U	10 U	680	9.8 U	8.4 U	10 U	0.00034	8.3 U	10 U	1600	9 U	9.4 U	180
VP-19	DUP	13-Dec-05	50	SG	0.021 U	9.4	0.055	2.2	0.019 U	0.031	1	0.07	0.038 U	0.019 U	0.15	0.08	0.012 U	0.04	0.015 U	0.036	0.019 U	0.029 U	0.016 U	3.6	0.14	0.71	0.037	0.0003	0.041	0.016 U	0.3	0.087	0.015 U	1.2
VP-19	ORIG	13-Dec-05	6	SG	0.049 U	5	0.036	13	0.044 U	0.02 U	0.042 U	0.1	0.088 U	0.044 U	0.1	0.028 U	0.028 U	0.092	0.035 U	0.031 U	0.044 U	0.067 U	0.039 U	4.3	0.037 U	0.032 U	0.039 U		0.031 U	0.039 U	16	0.074	0.057	14
VP-19	ORIG	13-Dec-05	12	SG	0.052 U	5.6	0.046	14	0.047 U	0.021 U	0.044 U	0.1	0.093 U	0.047 U	0.14	0.031	0.03 U	0.11	0.038 U	0.033 U	0.047 U	0.072 U	0.041 U	4.7	0.039 U	0.033 U	0.059		0.033 U	0.041 U	14	0.15	0.057	15
VP-19	ORIG	13-Dec-05	18	SG	0.032 U	4	0.035	7.8	0.033	0.013 U	0.46	0.17	0.057 U	0.042	0.15	0.11	0.018 U	0.085	0.023 U	0.024	0.029 U	0.044 U	0.03	3.4	0.12	0.2	0.17		0.02 U	0.064	3.3	0.27	0.023 U	3.9
VP-19	ORIG	13-Dec-05	24	SG	0.017 U	2.6	0.024	4.7	0.017	0.011	0.7	0.13	0.031 U	0.02	0.13	0.05	0.0099 U	0.049	0.012 U	0.017	0.016 U	0.024 U	0.017	2	0.11	0.21	0.082	0.00033	0.011 U	0.032	1.9	0.14	0.012 U	3
VP-19	ORIG	13-Dec-05	40	SG	0.01 U	3.9	0.025	1.6	0.0092 U	0.024	0.65	0.41	0.018 U	0.0092 U	0.23	0.038	0.0063	0.026	0.0074 U	0.024	0.0092 U	0.034	0.0081 U	1.9	0.081	0.4	0.023	0.00025	0.0084	0.0081 U	0.091	0.073	0.0074 U	0.64
VP-19	ORIG	13-Dec-05	50	SG	0.02 U	9.2	0.053	2.1	0.018 U	0.028	0.99	0.11	0.037 U	0.018 U	0.16	0.078	0.012 U	0.037	0.015 U	0.035	0.018 U	0.028 U	0.016 U	3.5	0.14	0.68	0.036	0.00026	0.041	0.016 U	0.3	0.087	0.015 U	1.2
VP-19	ORIG	13-Dec-05	60	SG	0.017 U	6.8	0.095	1.8	0.015 U	0.014	0.14	0.2	0.03 U	0.015 U	0.15	0.023	0.0095 U	0.047	0.012 U	0.01	0.015 U	0.023 U	0.013 U	3	0.027	0.18	0.051	0.00023 U	0.011 U	0.02	2.9	0.074	0.012 U	6.6
VP-19	ORIG	13-Dec-05	70	SG	0.025 U	8.6	0.13	2.3	0.023 U	0.026	0.43	0.12	0.046 U	0.024	0.051	0.057	0.014 U	0.072	0.018 U	0.016 U	0.023 U	0.035 U	0.02	3.6	0.099	0.19	0.095		0.016 U	0.037	2.4	0.17	0.018 U	7.7

Table 3
Omega Chemical Superfund Site
Bulk Density and Porosity Results

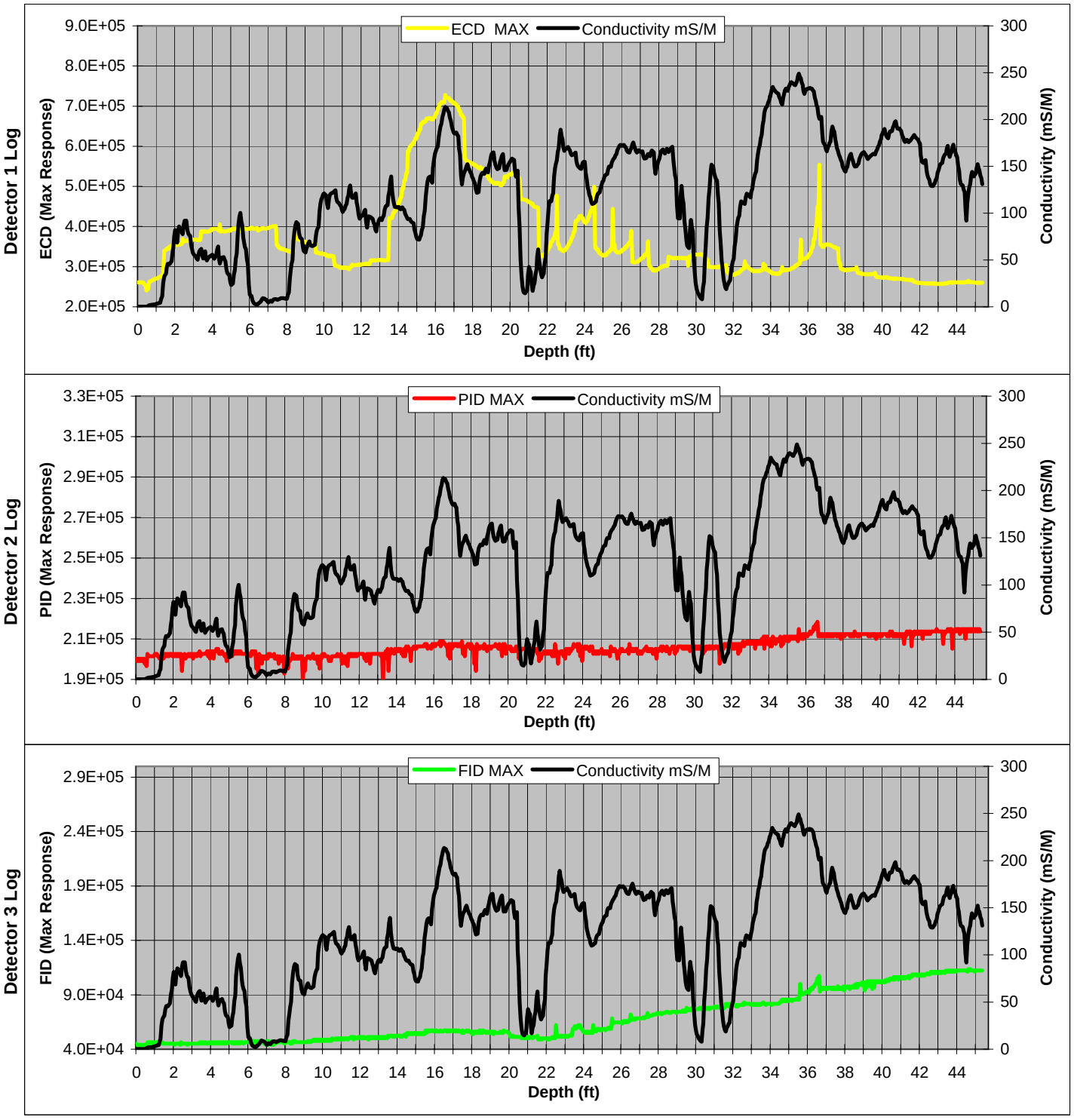
		METHODOLOGY:	API RP40	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	BULK DENSITY (g/cc)	TOTAL POROSITY, % Vb
B-1 (33-33.5)	33-33.5	V	1.63	38.3
B-1 (74-75)	74-75	V	1.61	39.6
B-2 (29.5-30)	29.5-30	V	1.55	41.4
B-2 (44.5-45)	44.5-45	V	1.61	39.3
B-2 (67.5-68)	67.5-68	V	1.65	37.4
B-3 (33-33.5)	33-33.5	V	1.70	36.1
B-3 (57-57.5)	57-57.5	V	1.73	35.0

(1) Sample Orientation: H = horizontal; V = vertical (2) Total Porosity = no pore fluids in place; all interconnected pore channels Vb = Bulk Volume, cc

Attachment 1

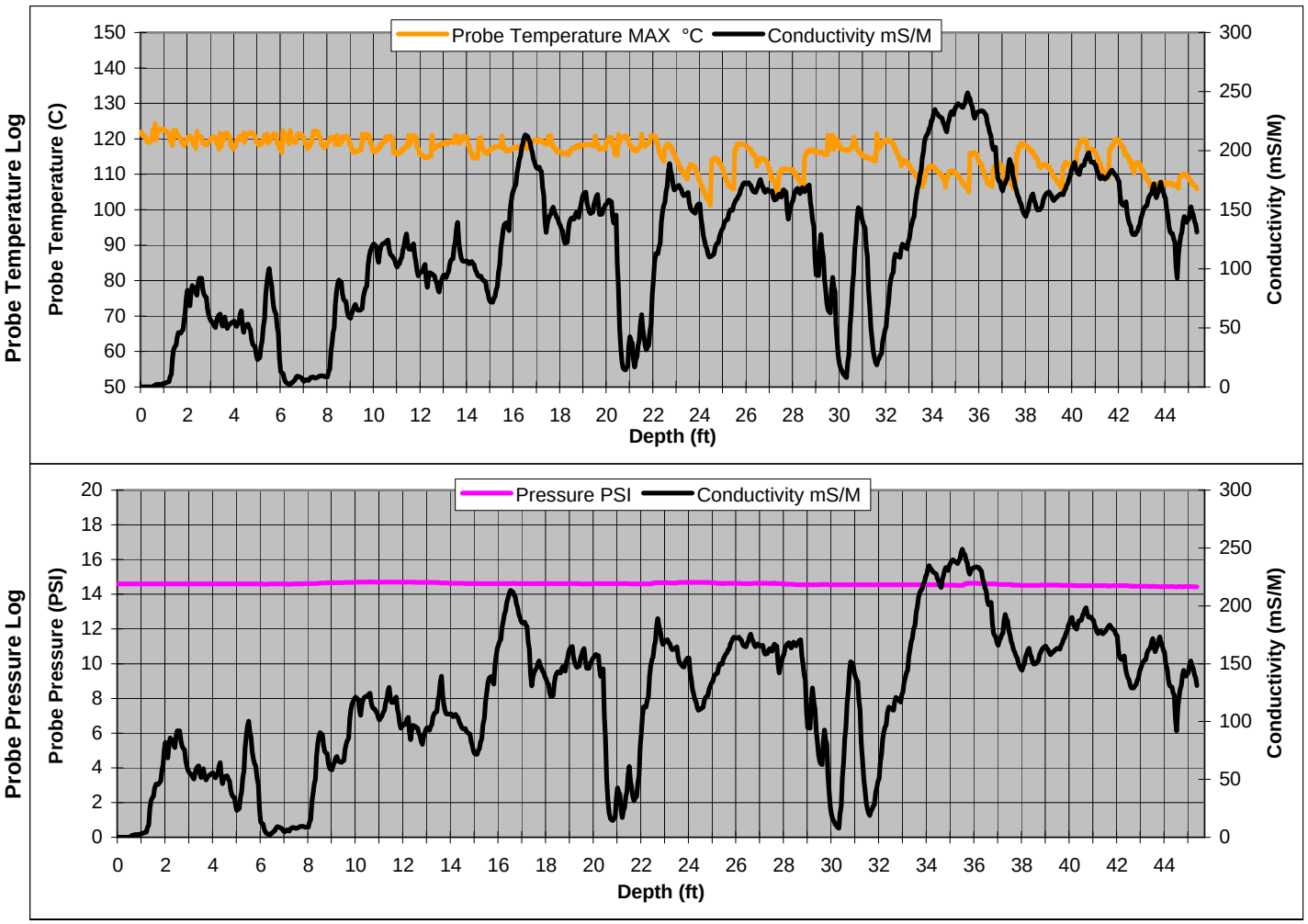
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-16	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 05 2005	Detector 2 :	Photo Ionization (PID)
		Time:	10:02	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

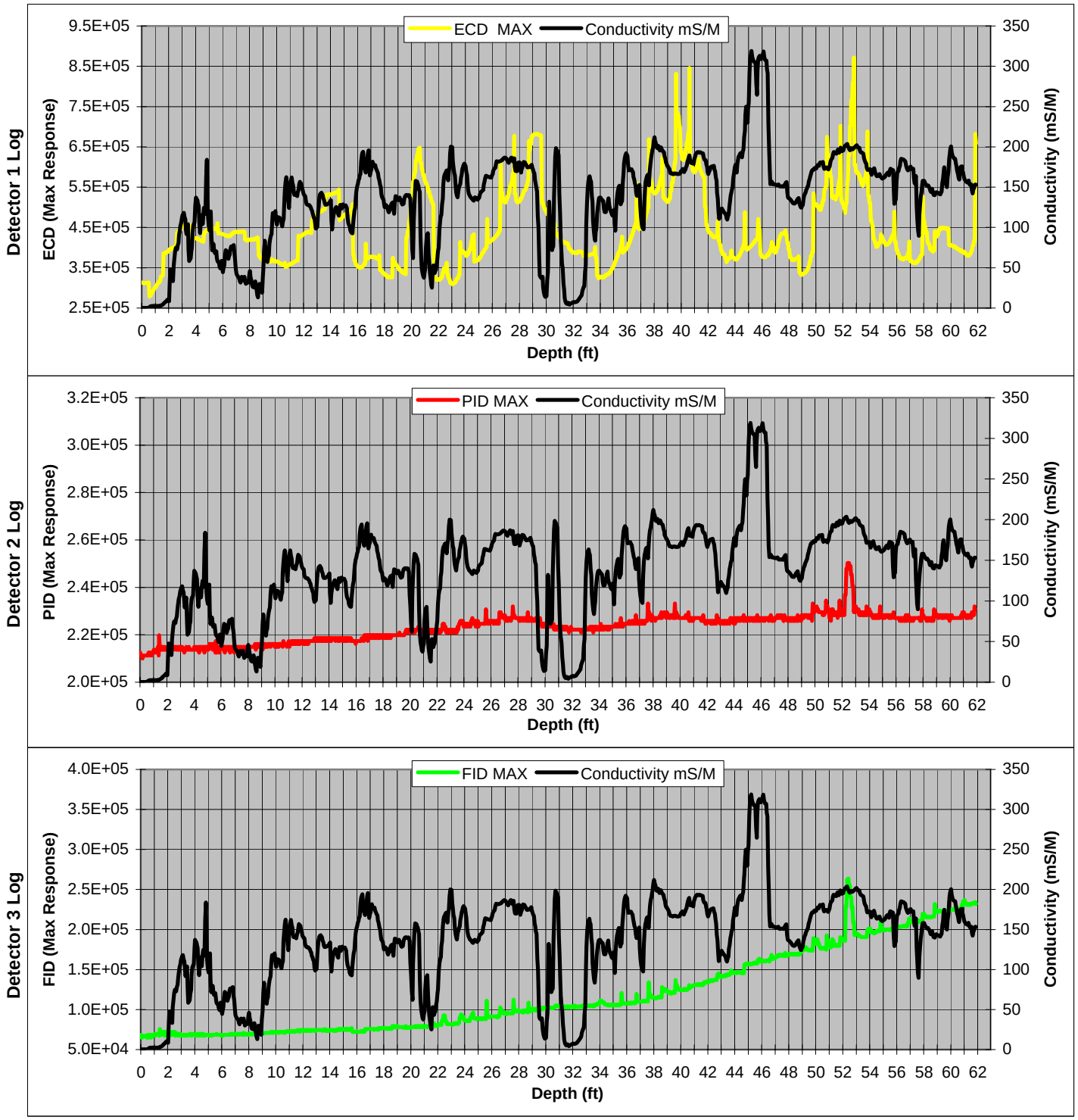
Client:	CDM	Boring I.D.:	MIP-16	Graph 1 :	Probe Temperature (C)
		Date:	Dec 05 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	10:02		



Explanation: Refusal was reached at 45.35 feet bgs.

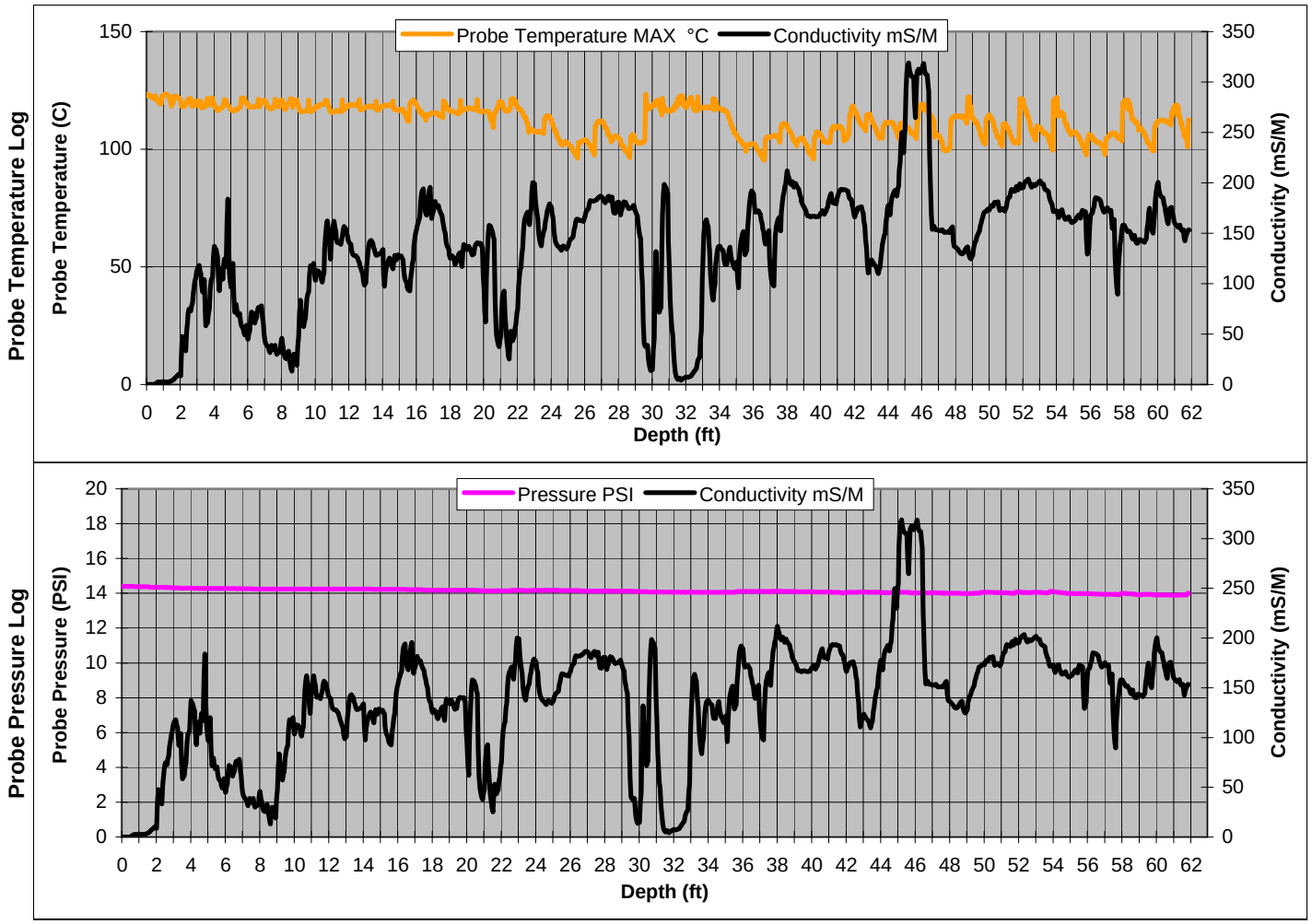
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-16a	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 05 2005	Detector 2 :	Photo Ionization (PID)
		Time:	12:41	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

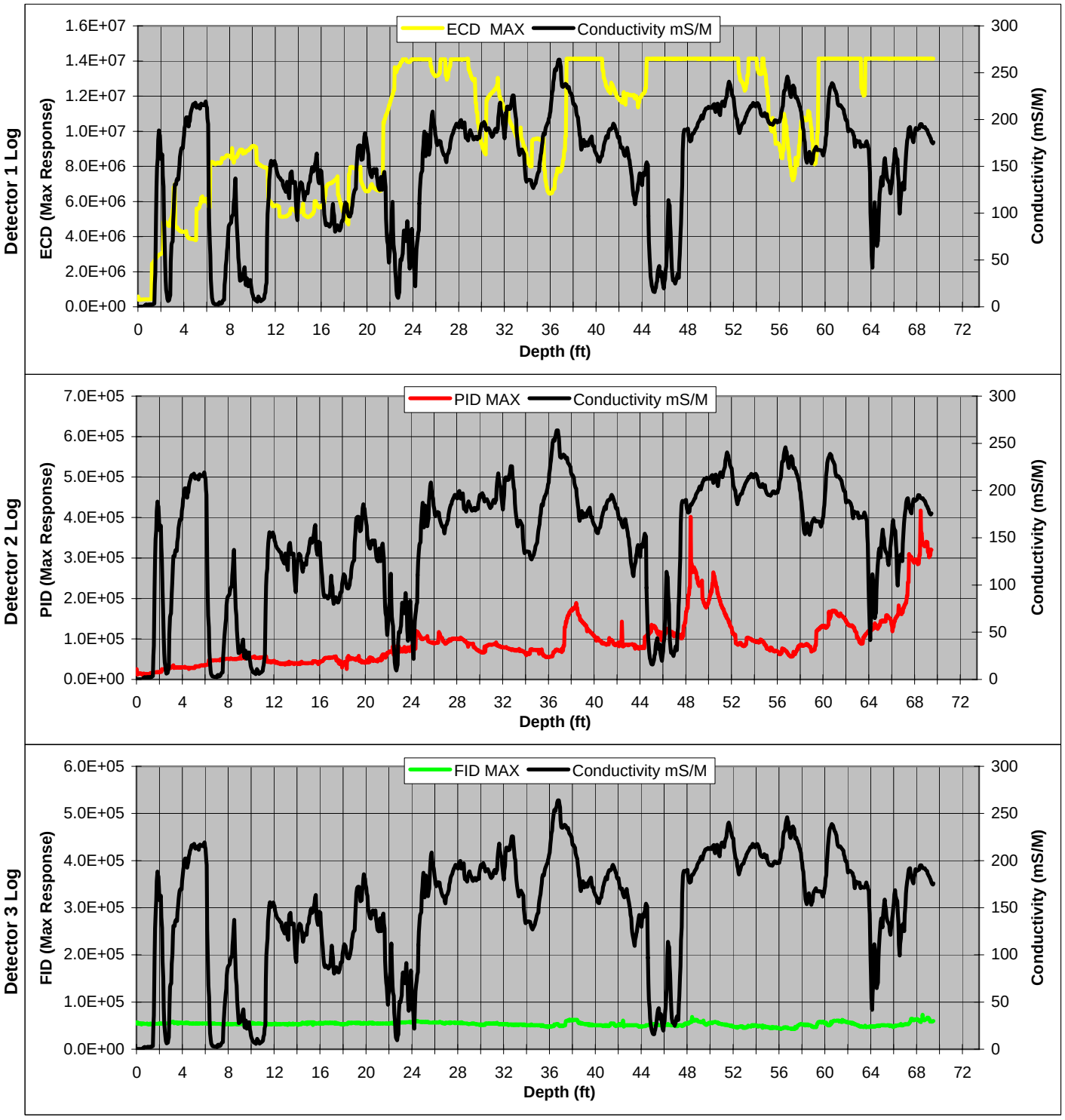
Client:	CDM	Boring I.D.:	MIP-16a	Graph 1 :	Probe Temperature (C)
		Date:	Dec 05 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	12:41		



Explanatio

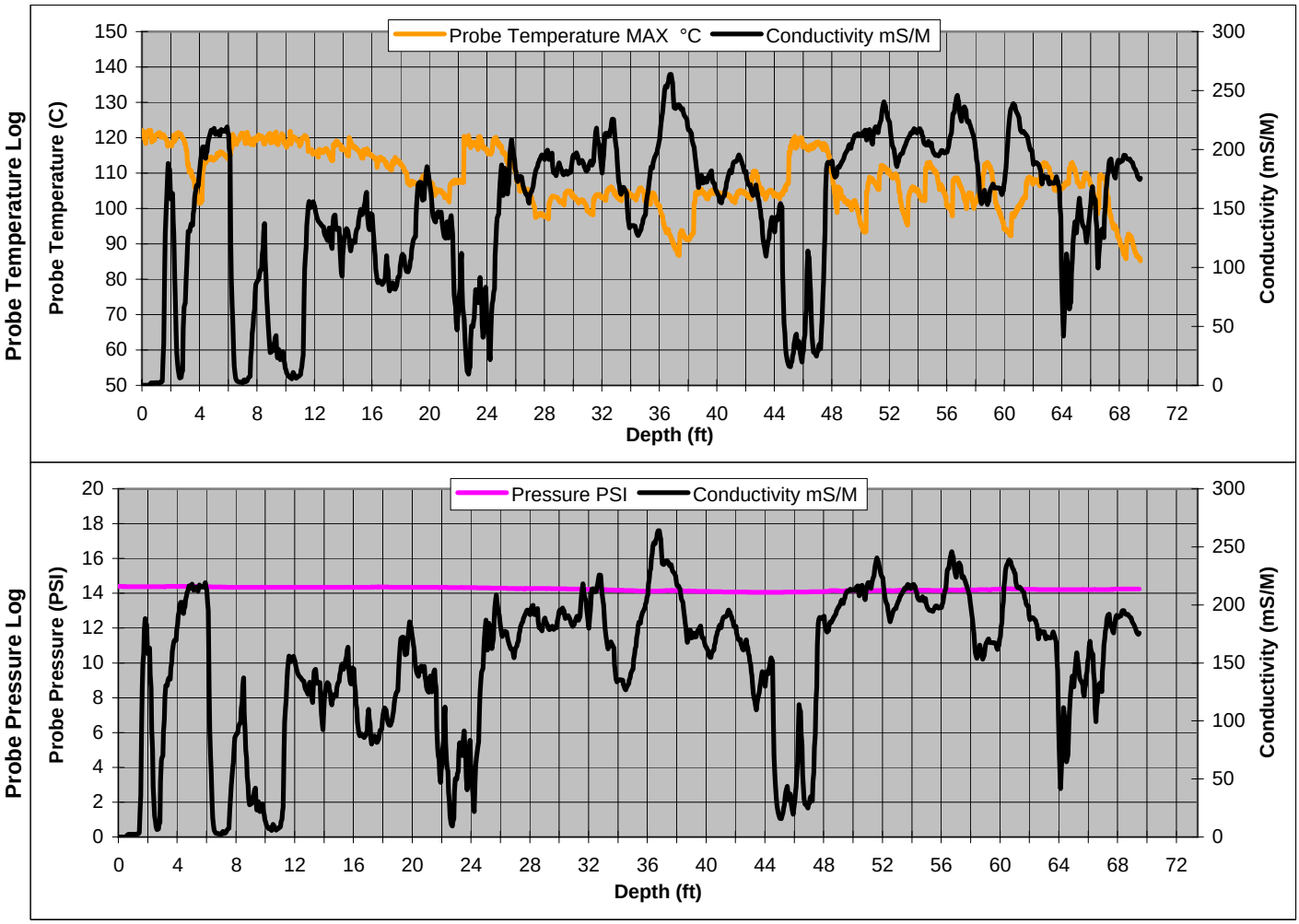
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-17	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 09 2005	Detector 2 :	Photo Ionization (PID)
		Time:	10:59	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

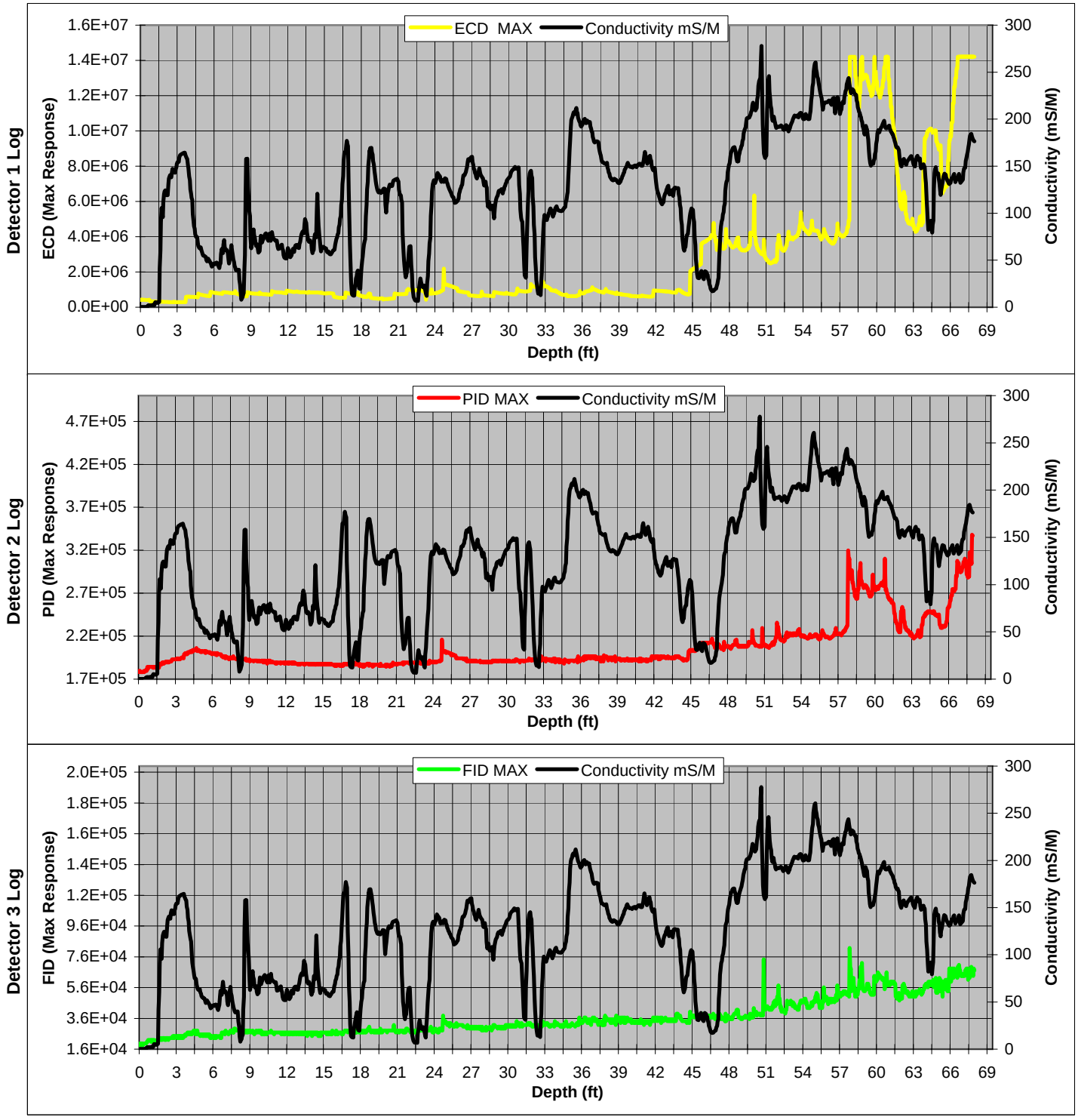
Client:	CDM	Boring I.D.:	MIP-17	Graph 1 :	Probe Temperature (C)
		Date:	Dec 09 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	10:59		



Explanation: Refusal was reached at 69.45 feet bgs. End of day response test not completed due to baseline. PID baseline set at 200.

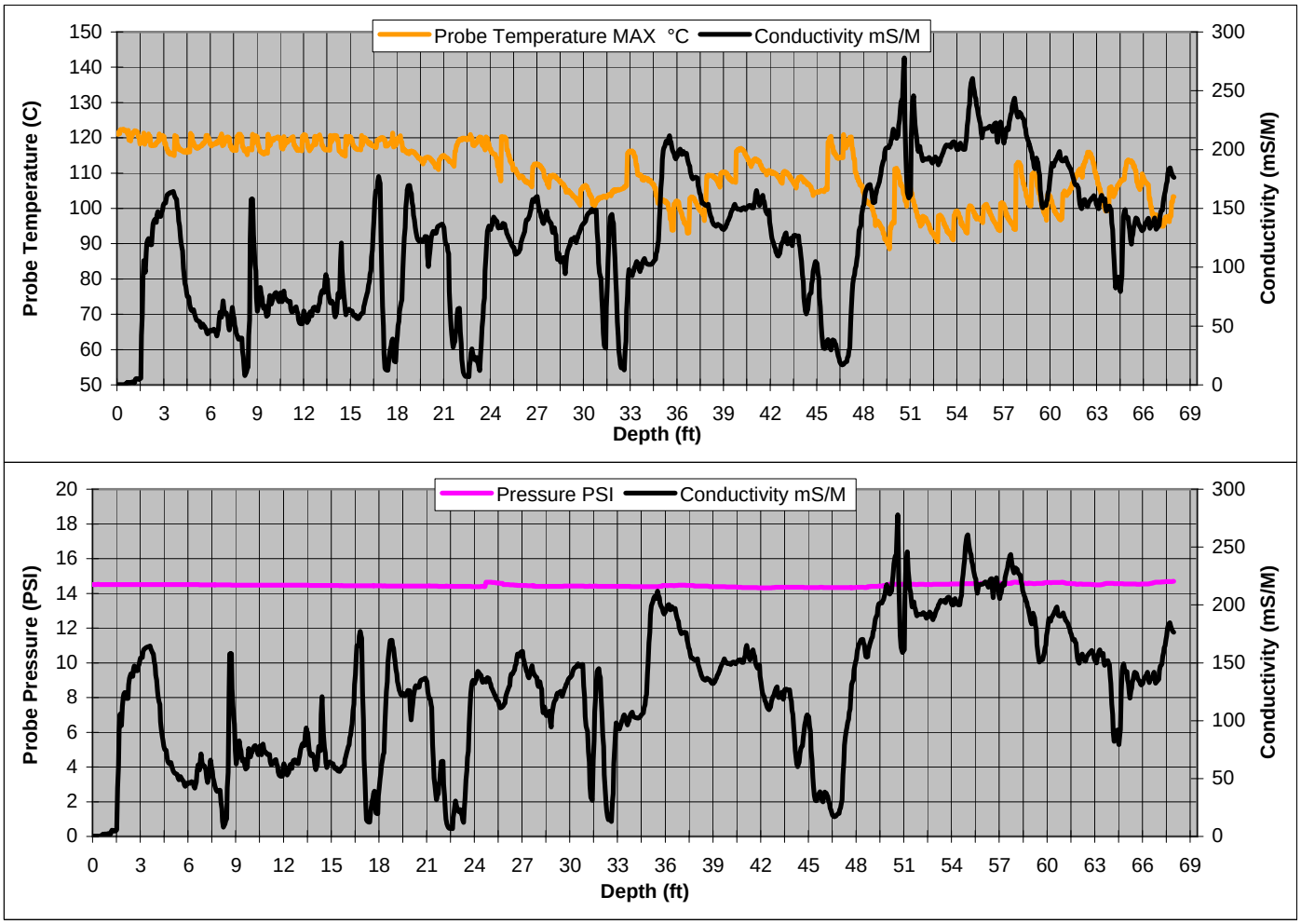
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-18	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 09 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:03	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

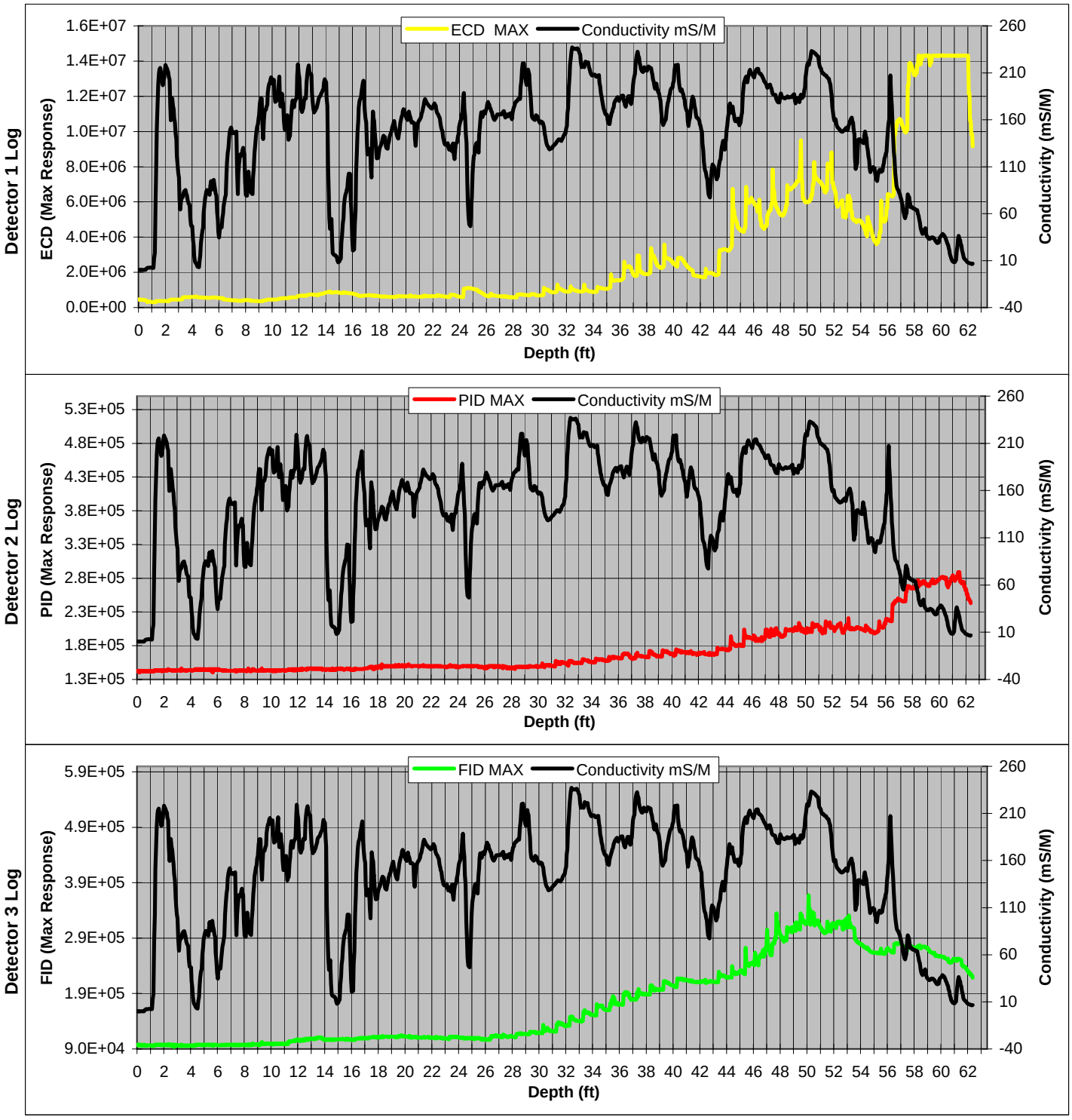
Client:	CDM	Boring I.D.:	MIP-18	Graph 1 :	Probe Temperature (C)
		Date:	Dec 09 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:03		



Explanation: Refusal was reached at 67.95 feet bgs.

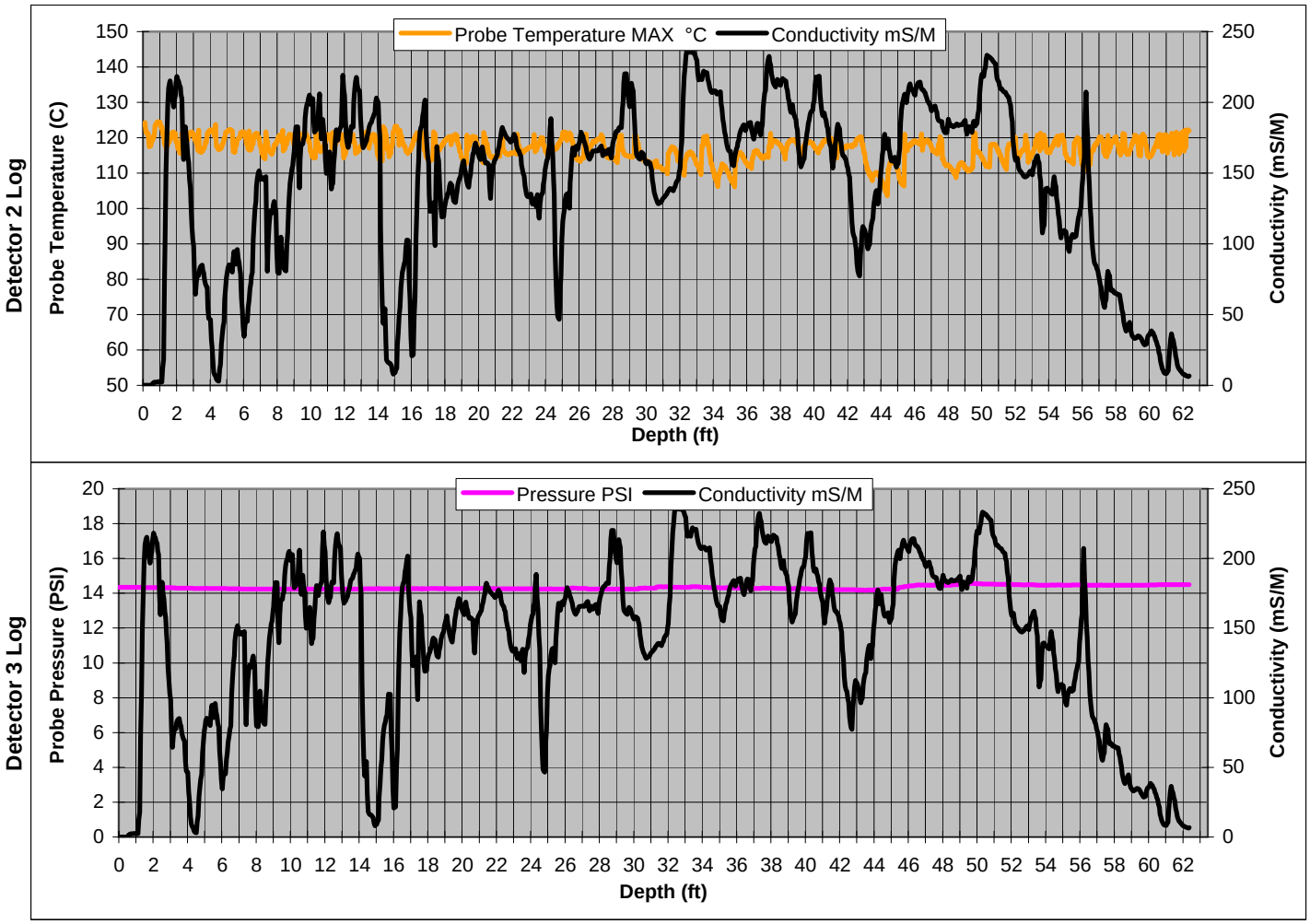
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-19	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 07 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:59	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

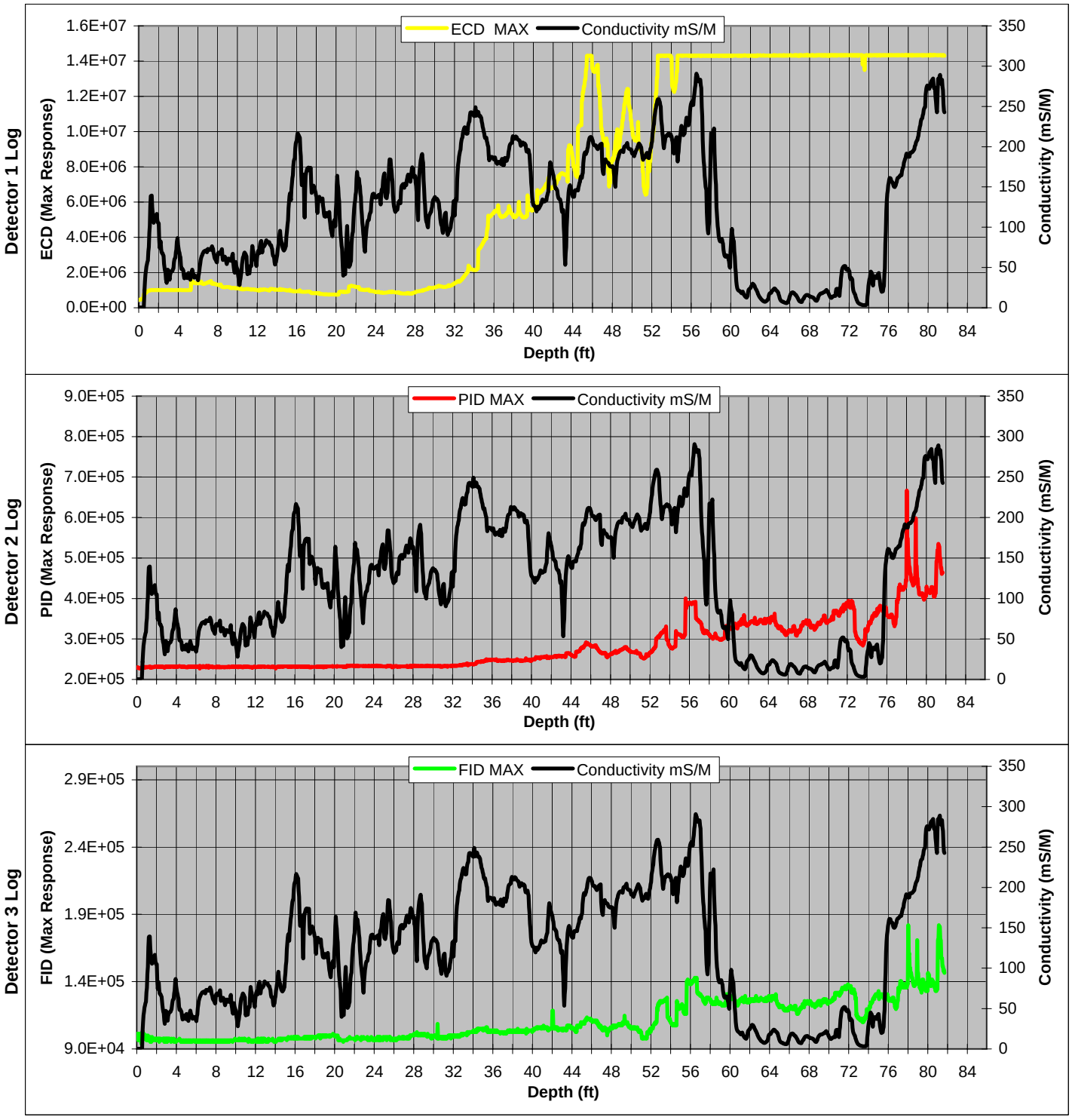
Client:	CDM	Boring I.D.:	MIP-19	Graph 1 :	Probe Temperature (C)
		Date:	Dec 07 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:59		



Explanation: Refusal was reached at 62.35 feet bgs.

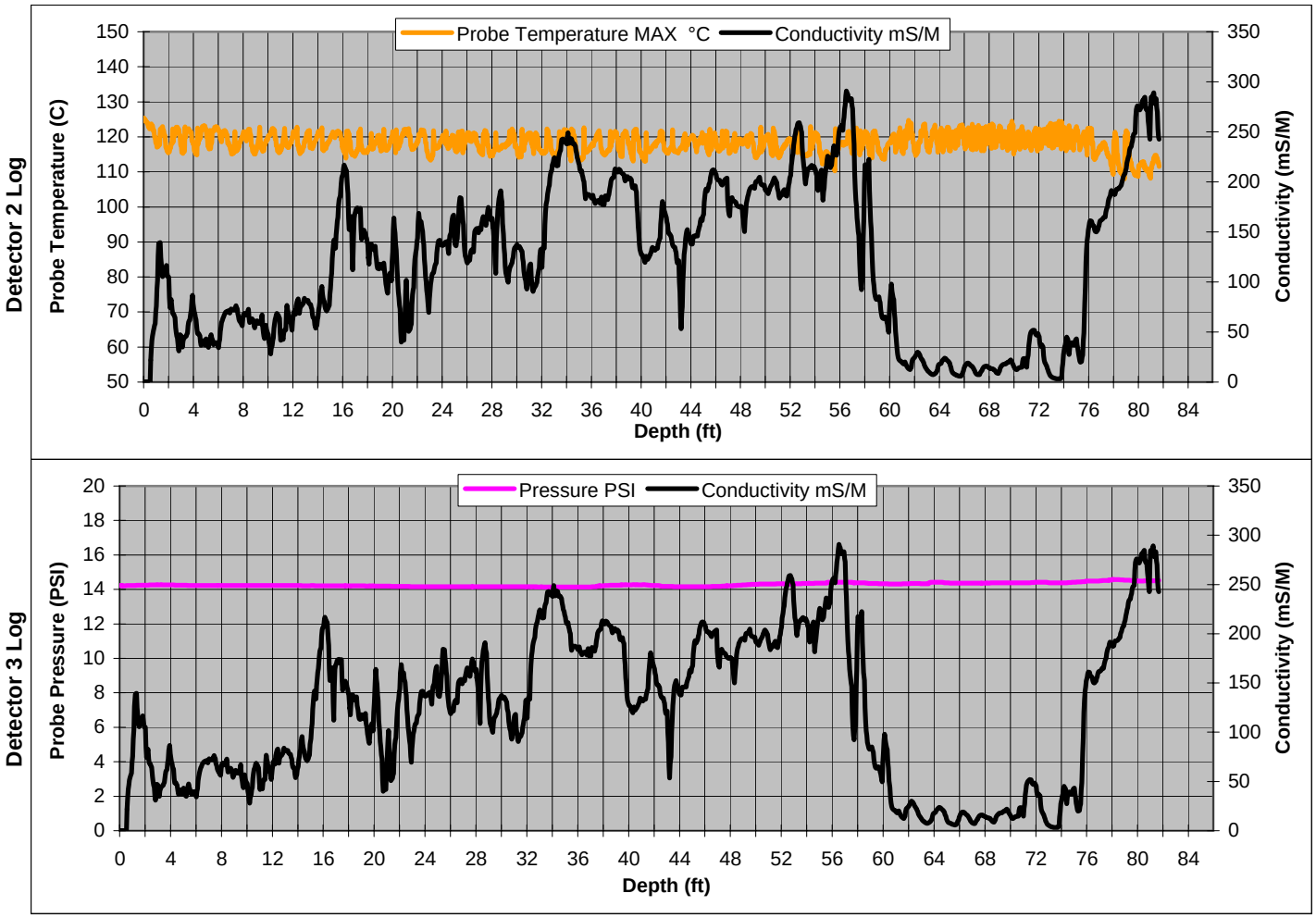
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-20	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 07 2005	Detector 2 :	Photo Ionization (PID)
		Time:	12:08	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

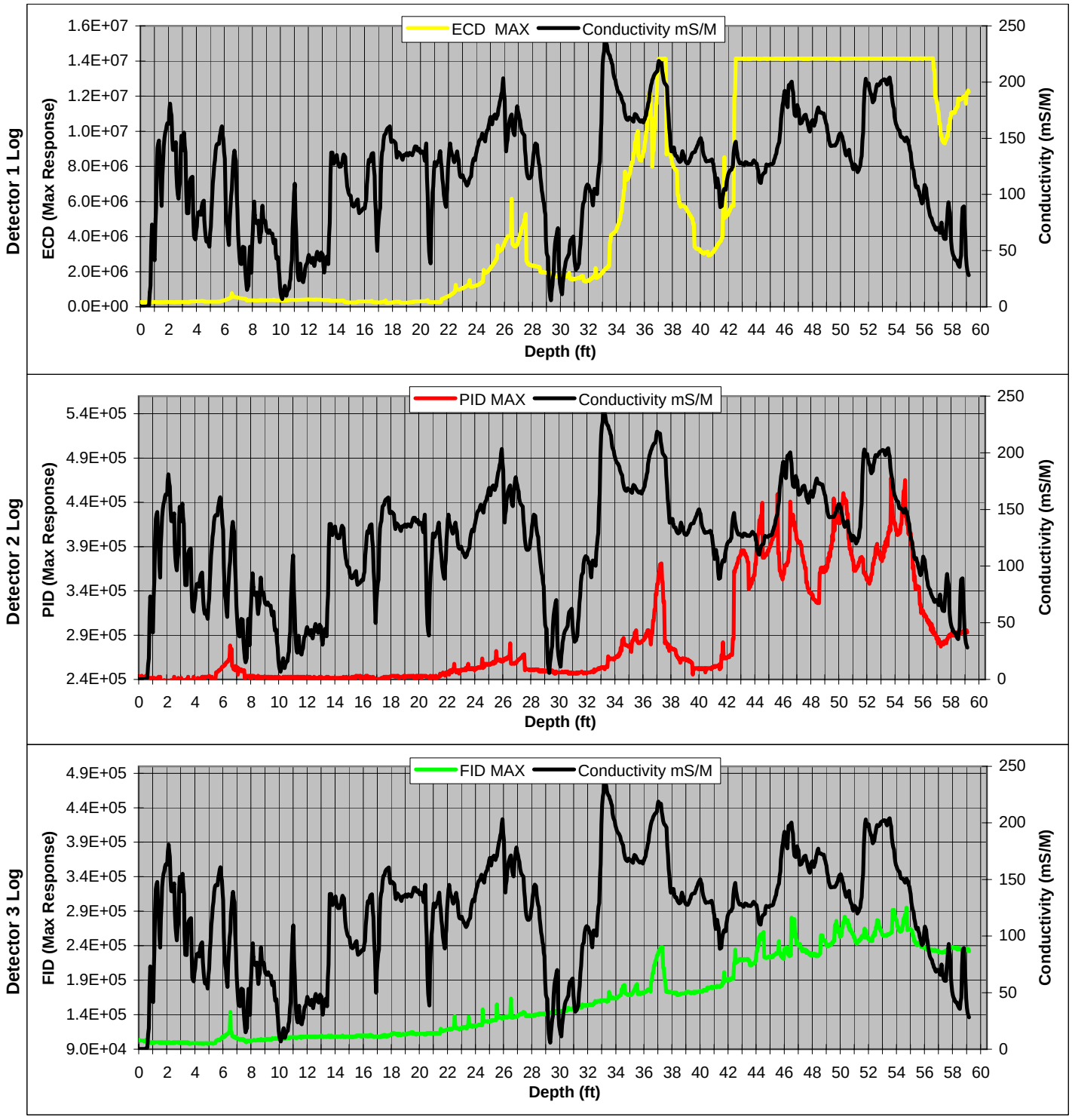
Client:	CDM	Boring I.D.:	MIP-20	Graph 1 :	Probe Temperature (C)
		Date:	Dec 07 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	12:08		



Explanation: Rod broke upon removal.

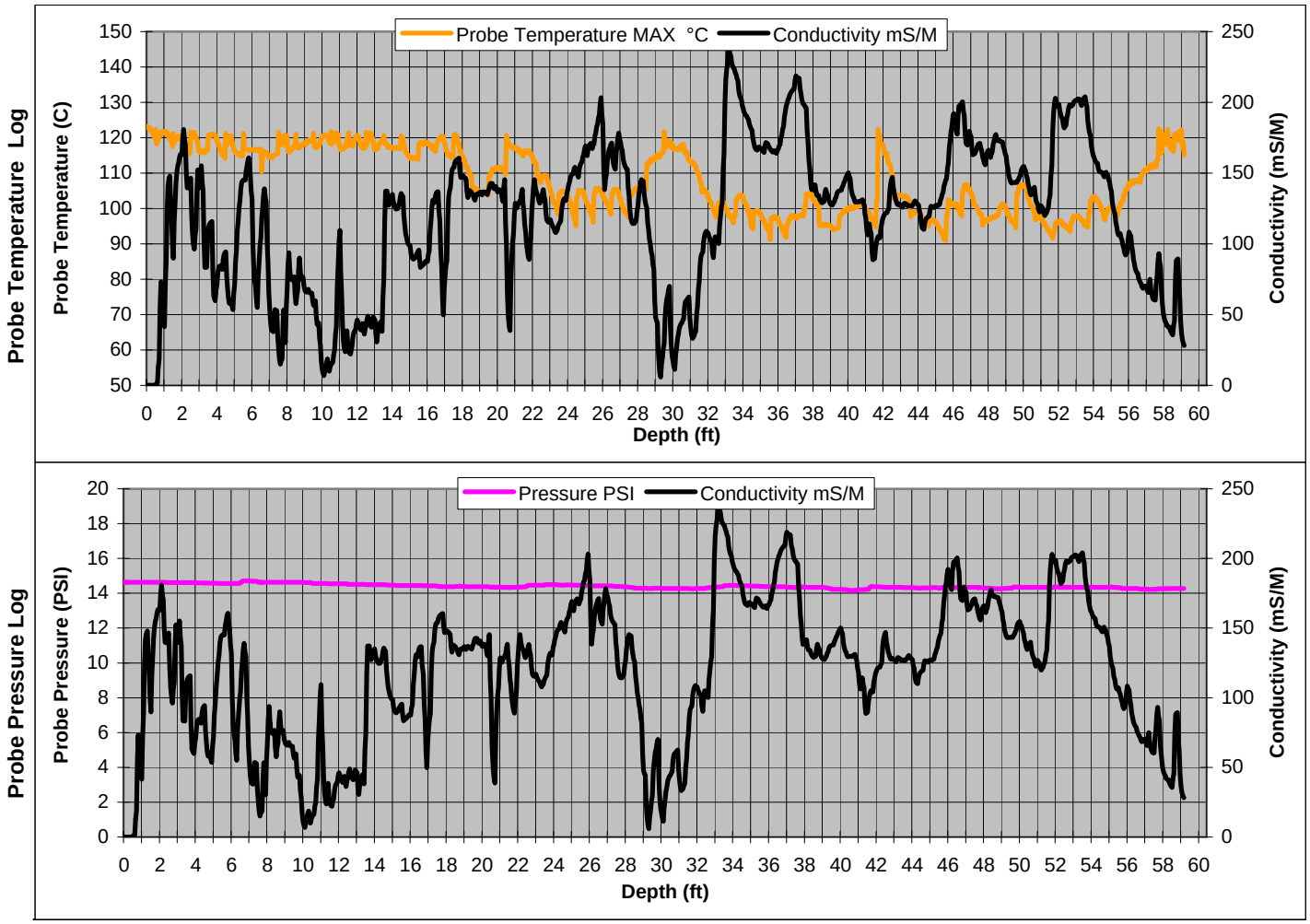
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-21	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 06 2005	Detector 2 :	Photo Ionization (PID)
		Time:	14:41	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

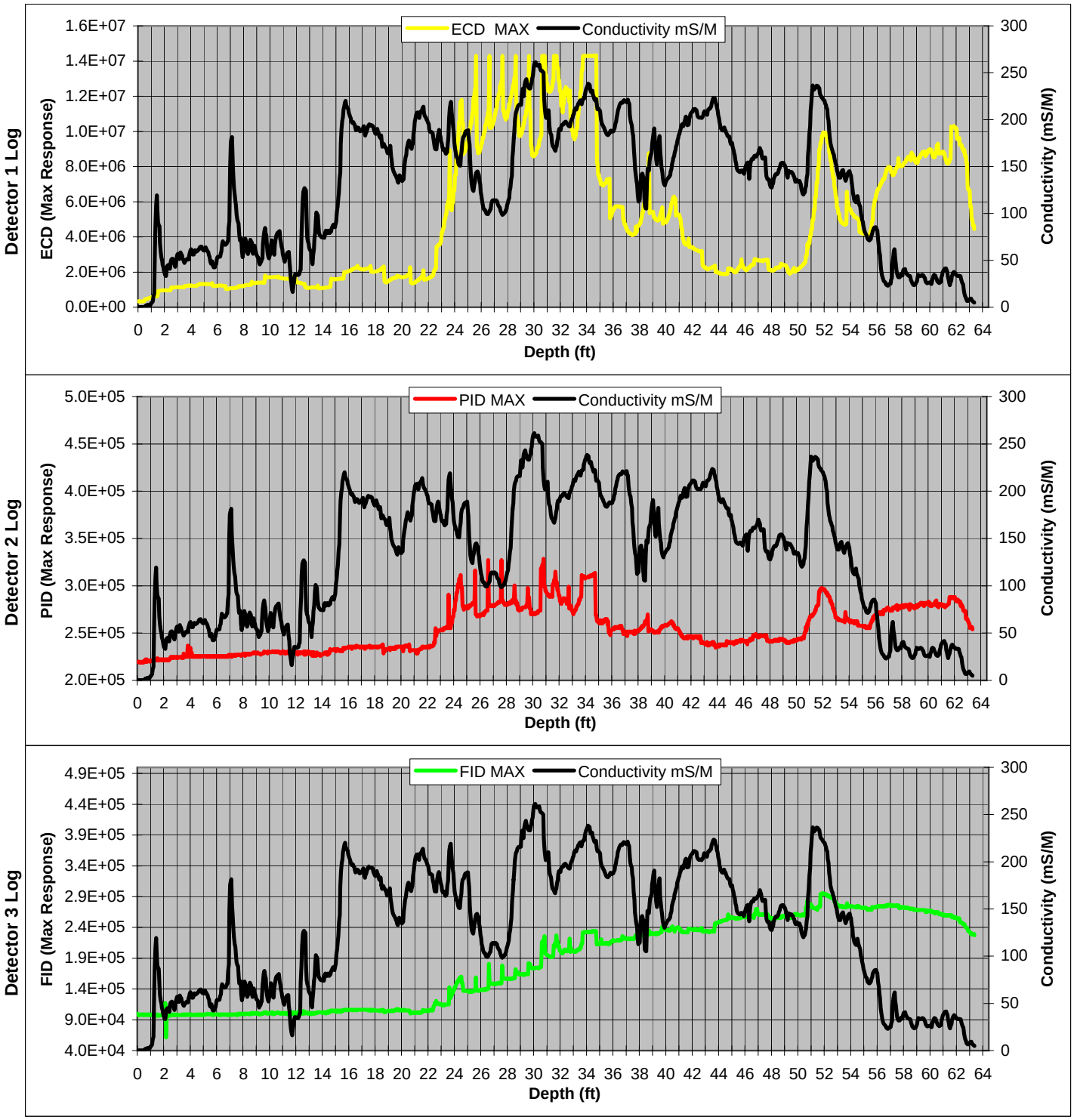
Client:	CDM	Boring I.D.:	MIP-21	Graph 1 :	Probe Temperature (C)
		Date:	Dec 06 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	14:41		



Explanation: Refusal was reached at 59.15 feet bgs.

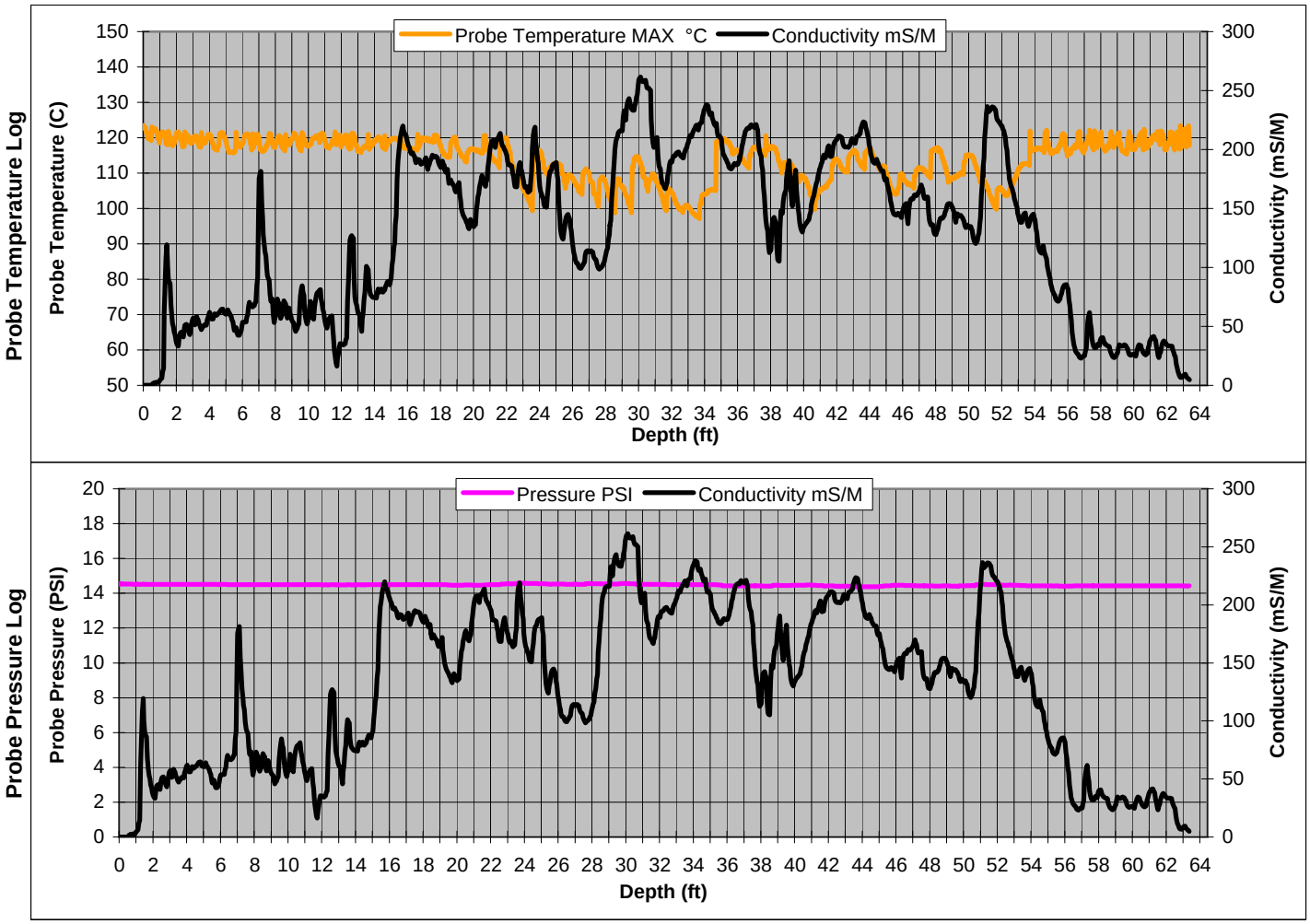
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-22	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 06 2005	Detector 2 :	Photo Ionization (PID)
		Time:	12:09	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

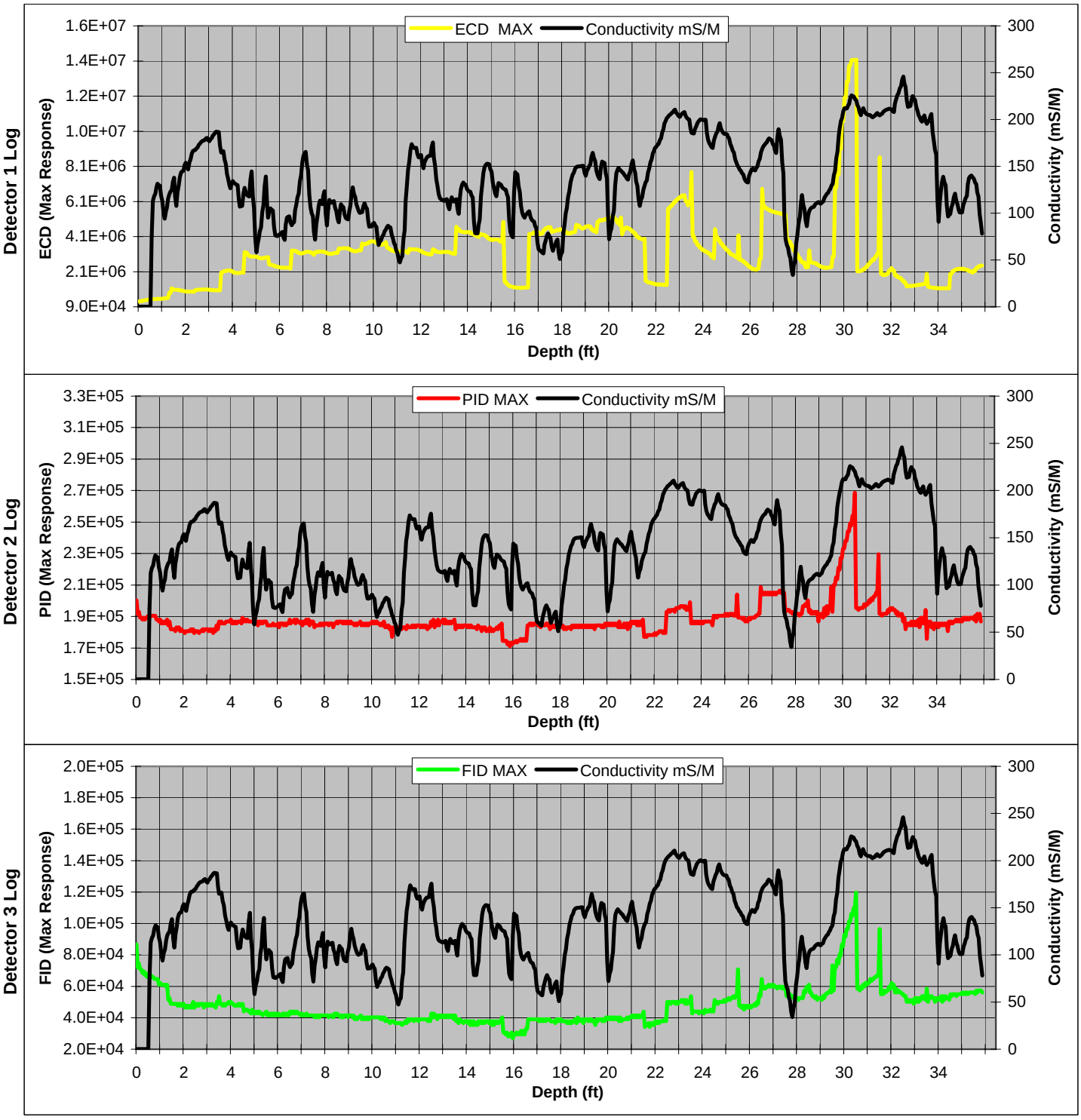
Client:	CDM	Boring I.D.:	MIP-22	Graph 1 :	Probe Temperature (C)
		Date:	Dec 06 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	12:09		



Explanation:

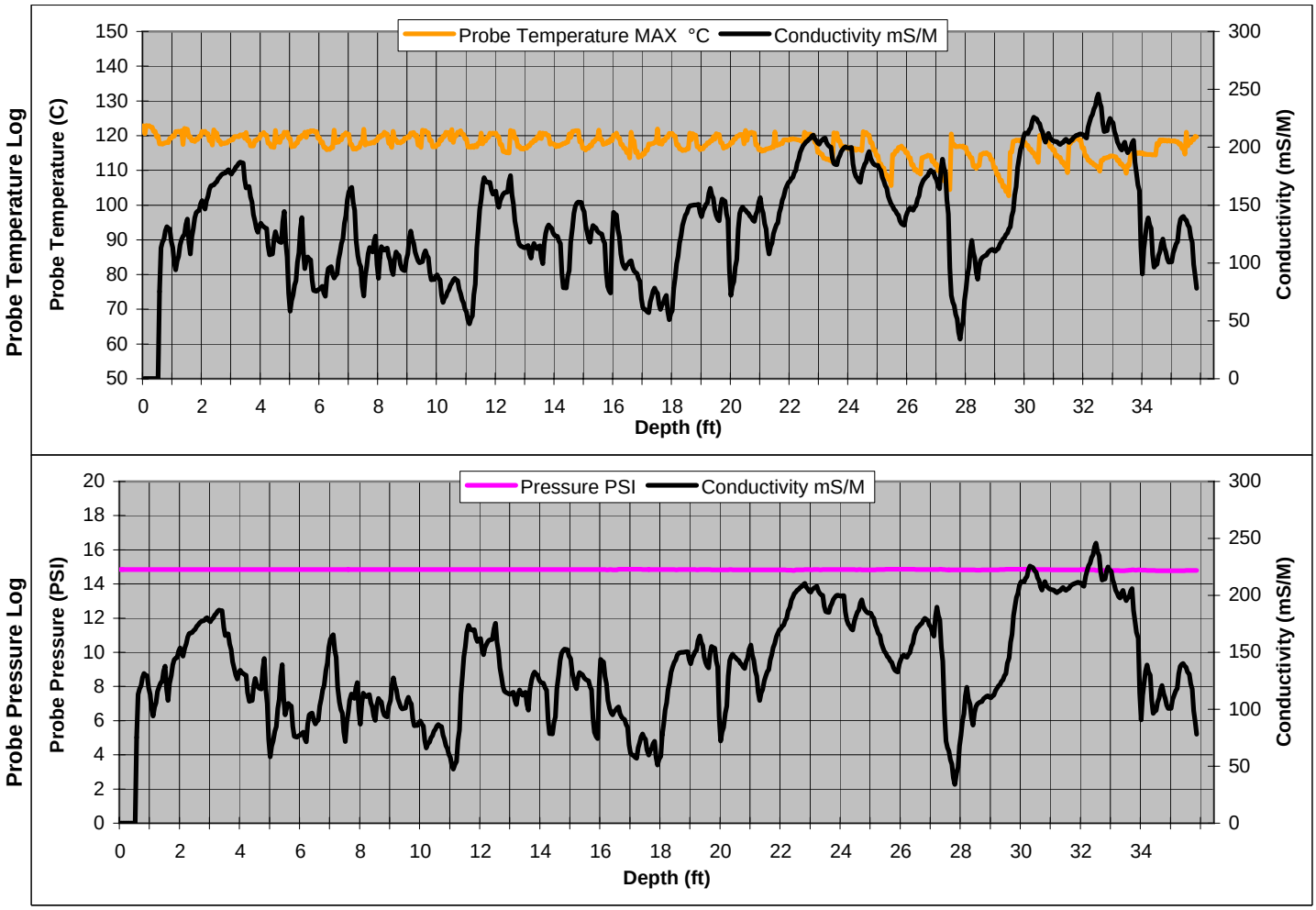
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-23	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 05 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:00	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

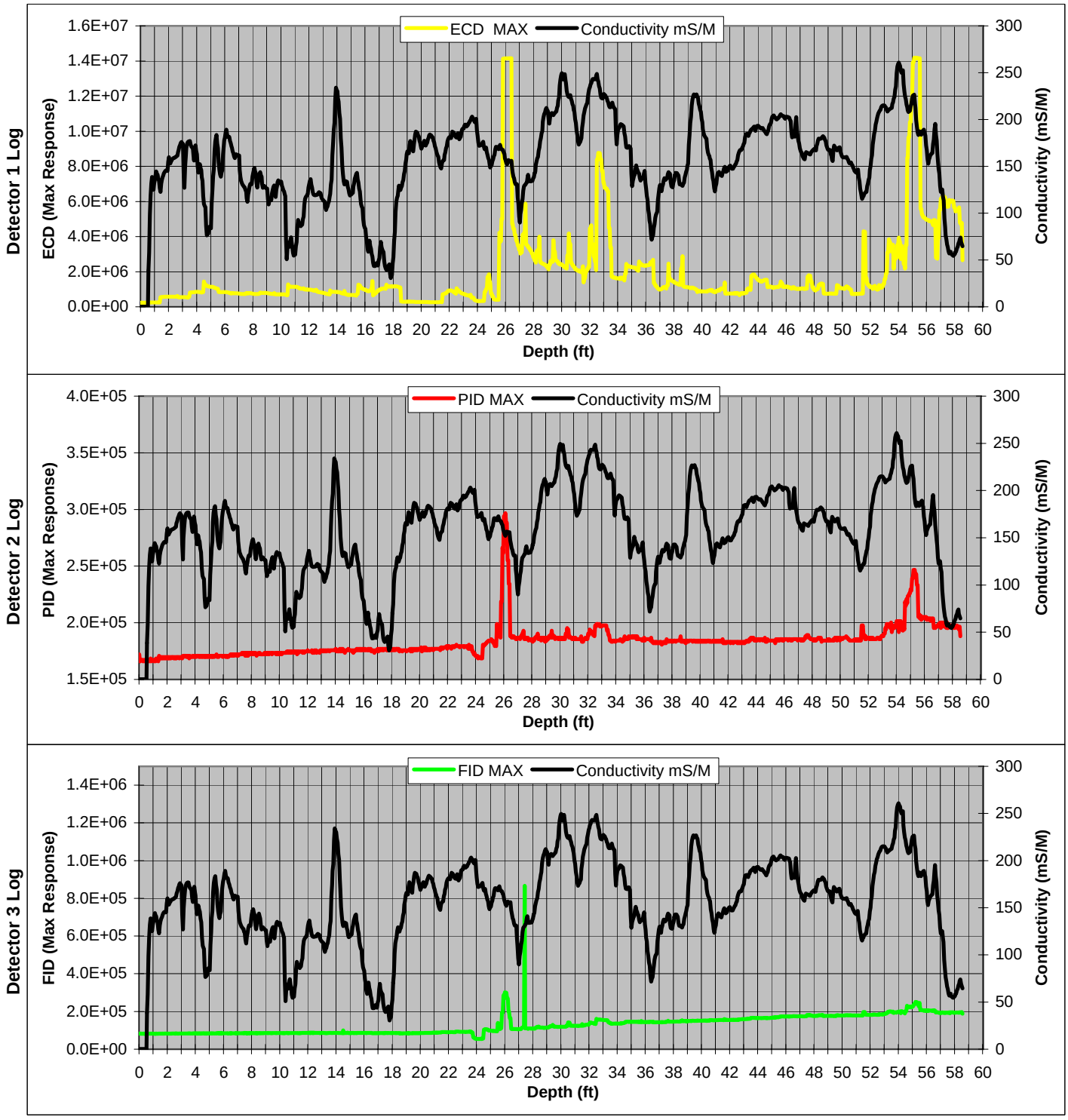
Client:	CDM	Boring I.D.:	MIP-23	Graph 1 :	Probe Temperature (C)
		Date:	Dec 05 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:00		



Explanation: Refusal was reached at 35.85 feet bgs.

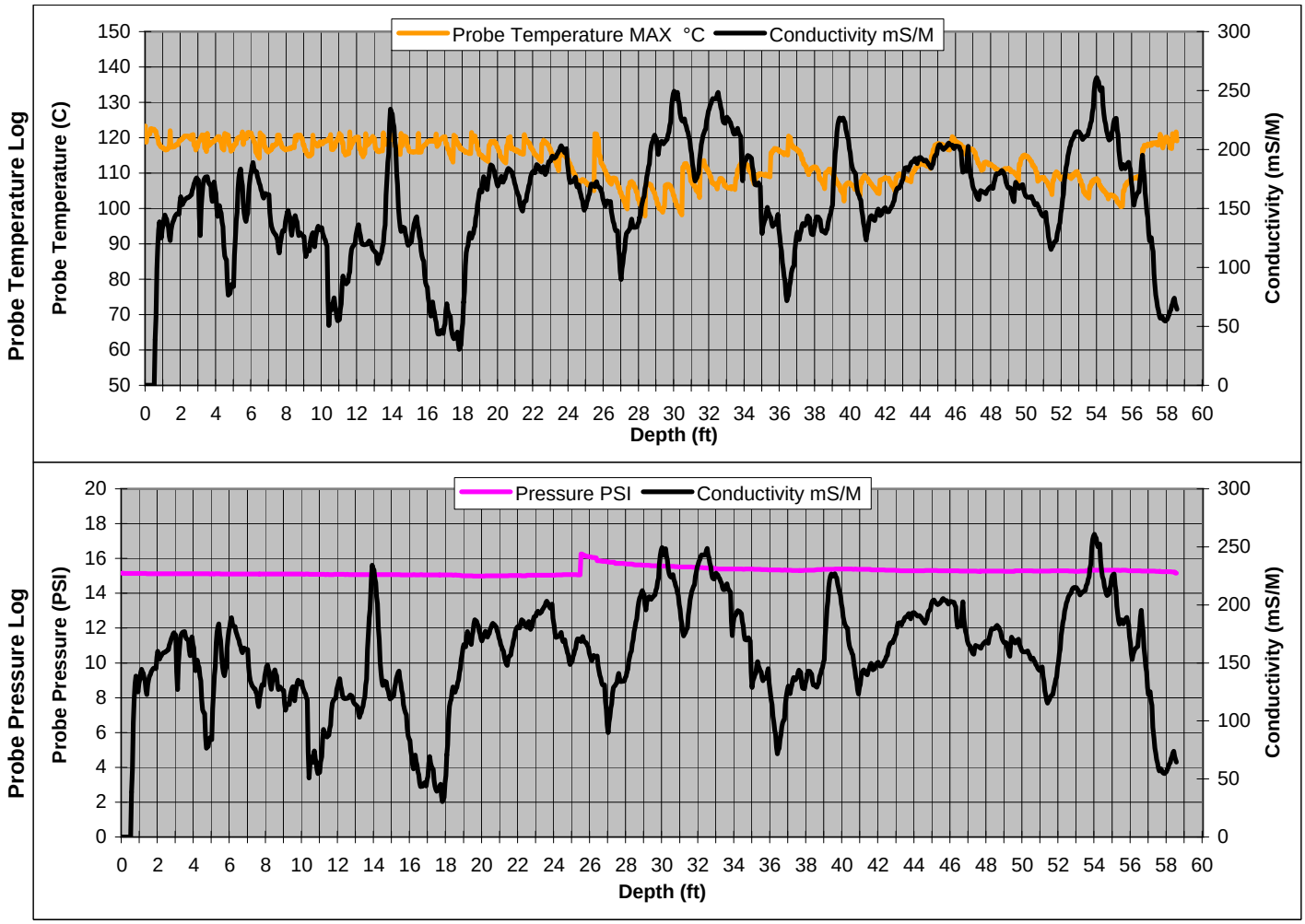
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-24	Detector 1 :	Electron Capture (ECD)
		Date:	Dec 06 2005	Detector 2 :	Photo Ionization (PID)
		Time:	08:54	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-24	Graph 1 :	Probe Temperature (C)
		Date:	Dec 06 2005	Graph 2 :	Probe Pressure (PSI)
		Time:	08:54		



Explanation: Refusal was reached at 58.55 feet bgs.

PACIFIC SURVEYS

DUAL INDUCTION GAMMA RAY

Job No. 12334

File No.

Company CDM

Well MIP-3 B2

Field WHITTIER

County LOS ANGELES State CA

Location:

OMEGA CHEMICAL SITE

Sec. Twp. Rge.

Other Services:

NONE

Permanent Datum	G.L.		Elevation	Elevation
Log Measured From	G.L.	0'	above perm. datum	K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	12-17-05		
Run Number	ONE		
Depth Driller	75'		
Depth Logger	73.2'		
Bottom Logged Interval	70'		
Top Log Interval	4'		
Casing Driller	N/A		
Casing Logger	N/A		
Bit Size	2.25"		
Type Fluid in Hole	N/A		
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	N/A		
Rm @ Meas. Temp	N/A		
Rmf @ Meas. Temp	N/A		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	N/A		
Rm @ BHT	N/A		
Time Circulation Stopped	N/A		
Time Logger on Bottom	11:50 AM		
Max. Recorded Temperature	N/A		
Equipment Number	PS-2		
Location	L.A.		
Recorded By	LAPORTE		
Witnessed By	S. SANDERSON		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Dual Induction Calibration Report

Serial-Model: 0001-ALT

Surface Cal Performed:

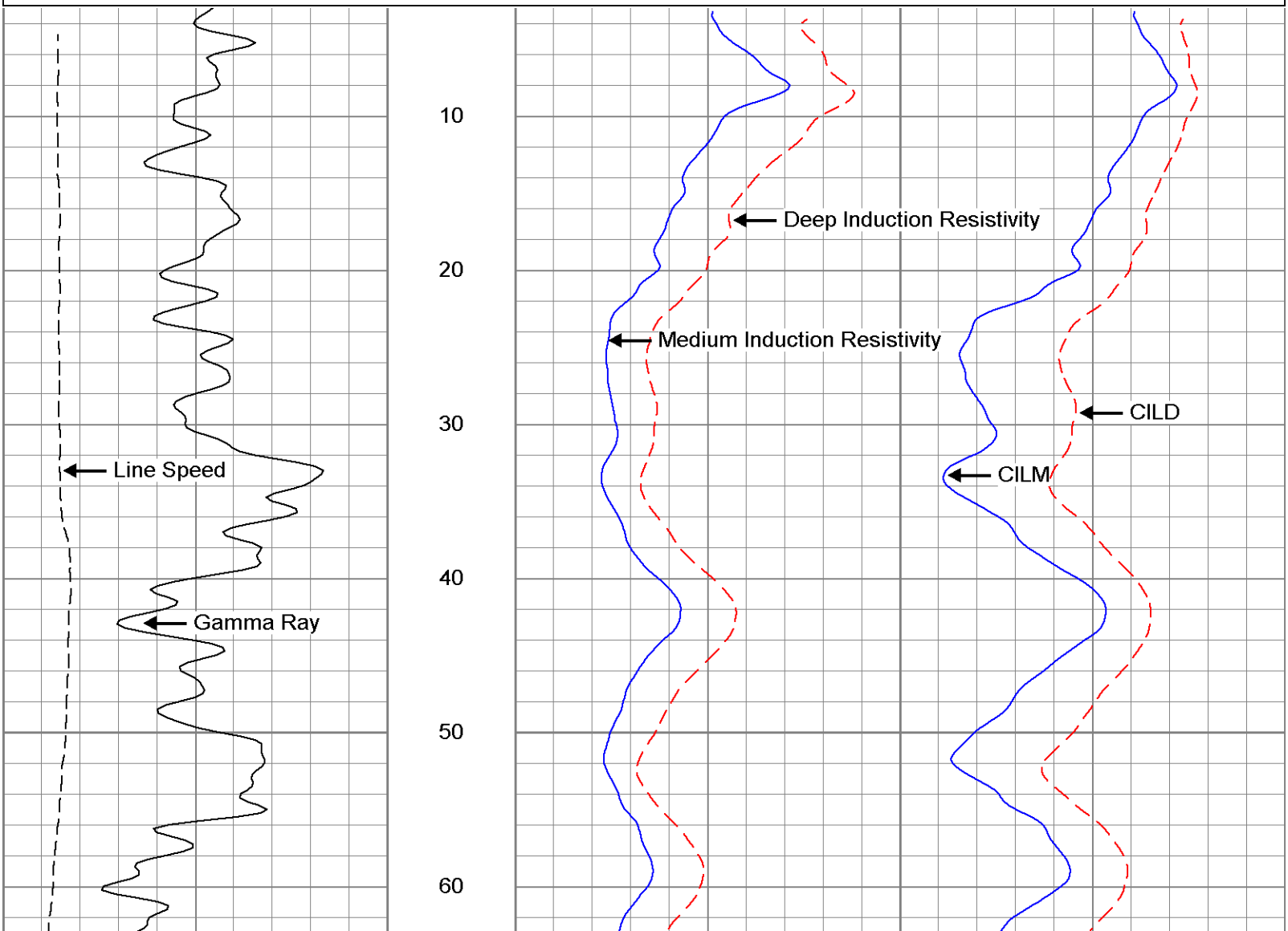
Loop:	Readings Air	Readings Loop		References Air	References Loop		Results m	Results b
Deep	1460.030	4075.090	cps	0.000	612.000	mmho-m	0.234	-341.680
Medium	1985.080	14095.100	cps	0.000	1960.000	mmho-m	0.162	-321.284

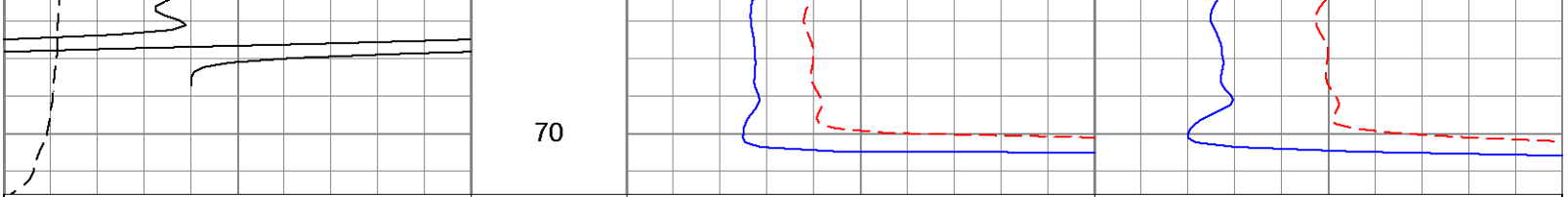
Gamma Ray Calibration Report

Serial Number:	PS_1	
Tool Model:	01	
Performed:	Thu Nov 03 11:42:45 2005	
Calibrator Value:	162	GAPI
Background Reading:	41.4943	cps
Calibrator Reading:	170.423	cps
Sensitivity:	1.2563	GAPI/cps

Database File:	12334.db
Dataset Pathname:	CDM/well/run1/DIL
Presentation Format:	DIL
Dataset Creation:	Sat Dec 17 11:55:15 2005 by Log 6.0
Charted by:	Depth in Feet scaled 1:120

80	Gamma Ray (GAPI)	130	0	RILM (Ohm-m)	25	200 CILM (mmho-m)	0
0	Line Speed (ft/min)	100	0	RILD (Ohm-m)	25	200 CILD (mmho-m)	0





80	Gamma Ray (GAPI)	130
0	Line Speed (ft/min)	100

0	RILM (Ohm-m)	25
0	RILD (Ohm-m)	25

200	CILM (mmho-m)	0
200	CILD (mmho-m)	0

PACIFIC SURVEYS

DUAL INDUCTION GAMMA RAY

Job No.
12336

File No.

Company CDM
Well MIP-1 B3
Field WHITTIER
County LOS ANGELES State CA

Location:

OMEGA CHEMICAL SITE

Sec. Twp. Rge.

Other Services:

NONE

			Elevation
Permanent Datum	G.L.	Elevation	K.B.
Log Measured From	G.L.	0' above perm. datum	D.F.
Drilling Measured From	G.L.		G.L.

Date	12-19-05		
Run Number	ONE		
Depth Driller	75'		
Depth Logger	74.3'		
Bottom Logged Interval	72'		
Top Log Interval	4'		
Casing Driller	N/A		
Casing Logger	N/A		
Bit Size	2.25"		
Type Fluid in Hole	N/A		
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	N/A		
Rm @ Meas. Temp	N/A		
Rmf @ Meas. Temp	N/A		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	N/A		
Rm @ BHT	N/A		
Time Circulation Stopped	N/A		
Time Logger on Bottom	3:30 PM		
Max. Recorded Temperature	N/A		
Equipment Number	PS-2		
Location	L.A.		
Recorded By	LAPORTE		
Witnessed By	S. SANDERSON		

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Comments

Dual Induction Calibration Report

Serial-Model: 0001-ALT
Surface Cal Performed:

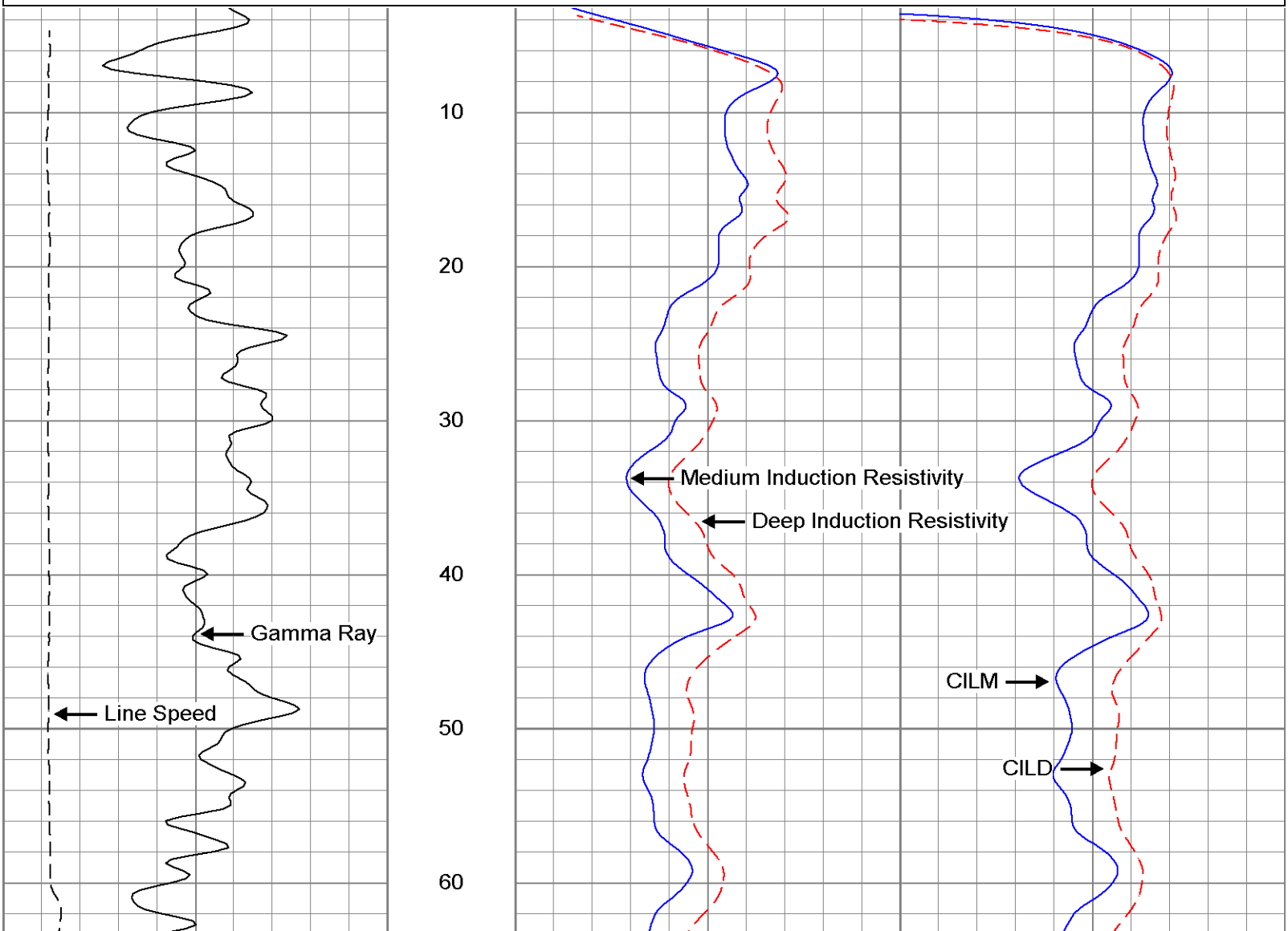
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	1460.030	4075.090	cps	0.000	612.000	mmho-m	0.234	-341.680
Medium	1985.080	14095.100	cps	0.000	1960.000	mmho-m	0.162	-321.284

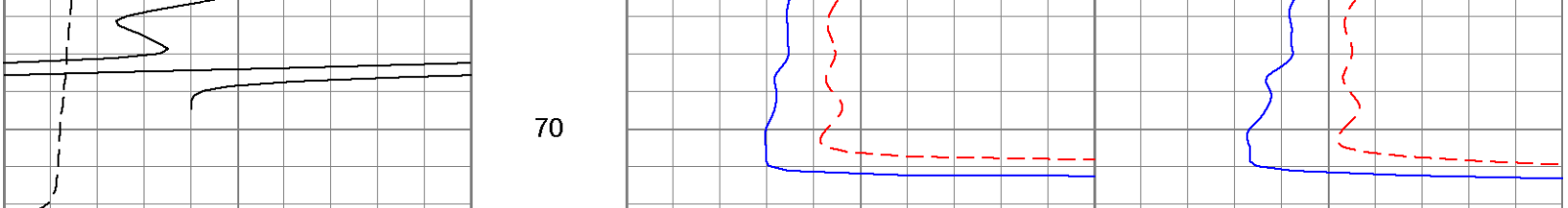
Gamma Ray Calibration Report

Serial Number:	PS_1	
Tool Model:	01	
Performed:	Thu Nov 03 11:42:45 2005	
Calibrator Value:	162	GAPI
Background Reading:	41.4943	cps
Calibrator Reading:	170.423	cps
Sensitivity:	1.2563	GAPI/cps

Database File:	12336.db
Dataset Pathname:	CDM/MIP1_B3/run1/DIL
Presentation Format:	DIL
Dataset Creation:	Mon Dec 19 15:17:26 2005 by Log 6.0
Charted by:	Depth in Feet scaled 1:120

80	Gamma Ray (GAPI)	130	0	RILM (Ohm-m)	25	200	CILM (mmho-m)	0
0	LSPD (ft/min)	100	0	RILD (Ohm-m)	25	200	CILD (mmho-m)	0





80	Gamma Ray (GAPI)	130	0	RILM (Ohm-m)	25	200	CILM (mmho-m)	0
0	LSPD (ft/min)	100	0	RILD (Ohm-m)	25	200	CILD (mmho-m)	0

PACIFIC SURVEYS

DUAL INDUCTION GAMMA RAY

Job No. 12320

File No.

Company CDM

Well MIP-14 SOIL BORING

Field WHITTIER

County LOS ANGELES State CA

Location:

OMEGA CHEMICAL SITE

Sec. Twp. Rge.

Other Services:

NONE

Permanent Datum	G.L.	Elevation	Elevation
Log Measured From	G.L.	0' above perm. datum	K.B.
Drilling Measured From	G.L.		D.F.
			G.L.

Date	12-16-05		
Run Number	ONE		
Depth Driller	75'		
Depth Logger	72.4'		
Bottom Logged Interval	70'		
Top Log Interval	4'		
Casing Driller	N/A		
Casing Logger	N/A		
Bit Size	2.25"		
Type Fluid in Hole	N/A		
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	N/A		
Rm @ Meas. Temp	N/A		
Rmf @ Meas. Temp	N/A		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	N/A		
Rm @ BHT	N/A		
Time Circulation Stopped	N/A		
Time Logger on Bottom	1:30 PM		
Max. Recorded Temperature	N/A		
Equipment Number	PS-2		
Location	L.A.		
Recorded By	LAPORTE		
Witnessed By	S. SANDERSON		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Dual Induction Calibration Report

Serial-Model: 0001-ALT

Surface Cal Performed:

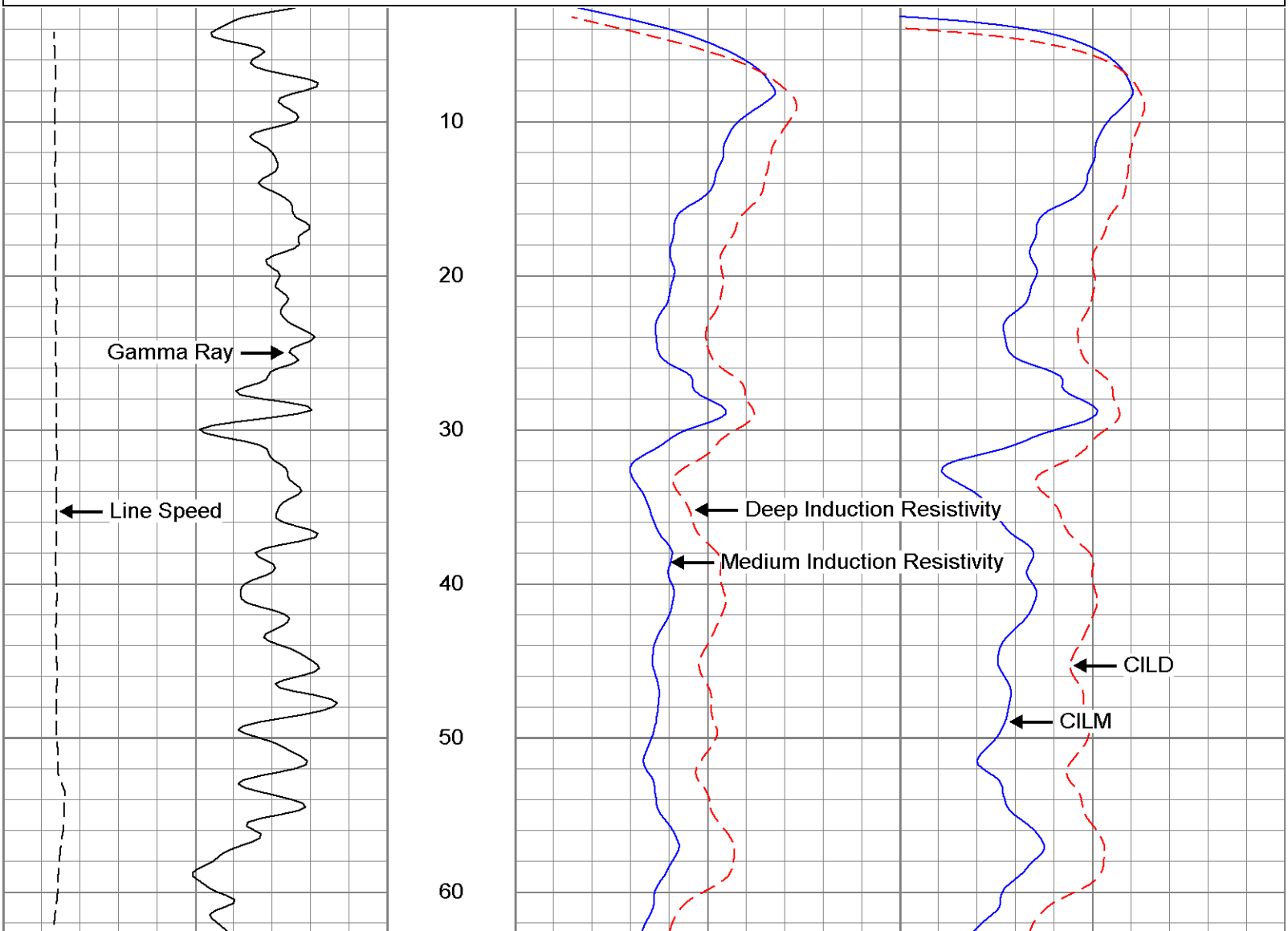
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	1460.030	4075.090	cps	0.000	612.000	mmho-m	0.234	-341.680
Medium	1985.080	14095.100	cps	0.000	1960.000	mmho-m	0.162	-321.284

Gamma Ray Calibration Report

Serial Number:	PS_1	
Tool Model:	01	
Performed:	Thu Nov 03 11:42:45 2005	
Calibrator Value:	162	GAPI
Background Reading:	41.4943	cps
Calibrator Reading:	170.423	cps
Sensitivity:	1.2563	GAPI/cps

Database File:	12320.db
Dataset Pathname:	CDM/MIP14/run1/DIL
Presentation Format:	DIL
Dataset Creation:	Fri Dec 16 13:24:48 2005 by Log 6.0
Charted by:	Depth in Feet scaled 1:120

70	Gamma Ray (GAPI)	120	0	RILM (Ohm-m)	25	150	CILM (mmho-m)	0
0	Line Speed (ft/min)	100	0	RILD (Ohm-m)	25	150	CILD (mmho-m)	0



70
70 Gamma Ray (GAPI) 120
0 Line Speed (ft/min) 100
0 RILM (Ohm-m) 25
0 RILD (Ohm-m) 25
150 CILM (mmho-m) 0
150 CILD (mmho-m) 0

Attachment 2

CDM
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(949) 752-1307 (FAX)

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 | **BORING/WELL NUMBER** B-2/MIP-3
PROJECT NAME Omega Chemical | **DATE DRILLED** 12/17/05
LOCATION 12504 East Whittier Blvd, Whittier, CA | **CASING TYPE/DIAMETER** NA
DRILLING METHOD Direct Push | **SCREEN TYPE/SLOT** NA
SAMPLING METHOD Macrocore | **GRAVEL PACK TYPE** NA
GROUND SURFACE ELEVATION (FT MSL) 207.68 | **GROUT TYPE/QUANTITY** Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA | **STATIC WATER LEVEL (FT BELOW TOC)** NA
LOGGED BY Scott Sanderson | **GROUND WATER ELEVATION (FT MSL)**
REMARKS Boring was sampled for lithology continously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SANDY SILT: dark brown; 60% silt, soft, low plasticity; 35% sand; 5% gravel.		
					5				5.0	
2.4		24"/60"	MIP3-B2-05			SP ML		SAND & SILT: dark brown; 50% silt, soft, low plasticity; 50% sand, poorly graded, fine.	6.0	
						SM		SILTY SAND: brown; 70% sand, poorly graded, fine, soft; 25% silt; 5% rock fragments and gravel.	7.5	
						SP		SAND WITH GRAVEL: brown; 60% sand, hard, coarse, poorly graded; 40% gravel and rock fragments.	9.5	
					10	SM		SILTY SAND: brown; 60% sand, poorly graded, fine, soft; 40% silt.	10.0	
						SM		SILTY SAND: brown 60% sand, poorly graded, fine, firm; 30% silt, 10% rock fragments and gravel.		
1.7		24"/60"	MIP3-B2-15		15			SILTY SAND/SANDY SILT: brown; silt, low plasticity, soft; sand, poorly graded, fine; trace gravel; dry.	15.0	
						SP ML		SILTY SAND/SANDY SILT: brown; 35% silt, hard; 35% sand; 30% gravel and rock fragments, subangular, subrounded, diameter up to 1.5"; dry.	17.0	
								SITLY SAND/SANDY SILT: brown; 40% silt, firm to hard, low plasticity; 40% sand, poorly graded, fine; 20% rock fragments (<1" diameter) and gravel, subangular, subrounded.		
					20			SILTY SAND/SANDY SILT: brown; 50% silt, low plasticity, soft; 50% sand, poorly graded, fine; trace gravel.	20.0 21.0	
						SP SM		SAND WITH GRAVEL: brown; 70% sand, poorly graded, fine, soft; 20% rock fragments; 10% gravel.	22.0	
						SP ML		SILTY SAND/SANDY SILT: brown; 50% silt, low plasticity, soft; 50% sand, poorly graded, fine; trace gravel.	23.0	
						ML		SILT: brown; 60% silt, soft to firm, medium plasticity; 30% clay, 10% sand; dry.		
					25				25.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-2/MIP-3

PROJECT NAME Omega Chemical **DATE DRILLED** 12/17/05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SANDY SILT: brown; 60% silt, soft to firm, low to medium plasticity; 30% sand; 10% rock and gravel.		
					30				30.0	
1.4		60"/60"	MIP3-B2-30			CL		LEAN CLAY WITH SAND: brown; 50% clay, soft, medium plasticity; 30% silt; 20% sand; dry.		
									33.0	
1.7		50"/60"	MIP3-B2-33			CL		CLAY: brown; 70% clay, hard, dense, medium plasticity; 20% silt; 10% sand; dry.		
					35				35.0	
						CL		CLAY: brown; 80% clay, firm, dense, high plasticity; 10% sand, 10% silt, trace gravel.		
									40.0	
					40	ML		SANDY SILT: brown; 70% silt, soft to firm, low to medium plasticity; 30% sand.	41.0	
						SP ML		SAND & SILT: brown; 50% silt, firm; 50% sand; trace gravel, subangular, subrounded, <0.5" diameter.	42.0	
4.2		60"/60"	MIP3-B2-42			SM		SILTY SAND: brown; 70% sand, firm; 30% silt; trace gravel, <0.5" diameter; dry.		
					45				45.0	
						ML		SANDY SILT: brown; 60% silt, soft to firm, low plasticity; 40% sand; trace gravel, angular, <0.5" diameter.		
									47.0	
						CL		LEAN CLAY: brown; 70% clay, dense, firm, medium plasticity; 20% silt, 10% sand.		
					50				50.0	
								NO RECOVERY		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-2/MIP-3

PROJECT NAME Omega Chemical **DATE DRILLED** 12/17/05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					55	CL		CLAY: brown; 70% clay, firm, high plasticity; 20% silt; 10% sand; dry.	55.0	
						SM		SILTY SAND WITH GRAVEL: brown; 40% sand; 35% silt; 20% rock fragments (>1" diameter) and gravel (angular) and rock (>1" diameter); 5% clay.	56.0	
18.6		52"/60"	MIP3-B2-57			ML		SILT: brown; 60% silt, firm to hard, low plasticity; 20% clay, 10% sand, 10% gravel.	57.0	
					60	SP ML		SILTY SAND/SANDY SILT: brown; 45% silt, soft to firm, low plasticity; 45% sand, poorly graded, fine, 10% clay.	60.0	
						CL		CLAY: brown; 70% clay, soft, medium plasticity; 20% silt, 10% sand; dry.	63.0	
					65	ML		SANDY SILT WITH GRAVEL: brown; 40% silt, firm to hard, low plasticity; 20% sand, 20% clay, 20% gravel and rock fragments.	65.0	
51		60"/60"	MIP3-B2-66						68.0	
						SP		SAND: brown; 90% sand, poorly graded, fine, soft; 5% clay; 5% gravel (subangular, subrounded) and rock fragments (<1" diameter); dry.	68.5	
						CL		CLAY: brown; 80% clay, firm, dense, high plasticity, dry; 10% silt; 10% sand; dry.	70.0	
					70	ML		SILT: brown; 75% silt, high plasticity, firm; 15% clay; 10% sand; dry.		
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-3/MIP-1
PROJECT NAME Omega Chemical **DATE DRILLED** 12/19/05
LOCATION 12504 East Whittier Blvd, Whittier, CA **CASING TYPE/DIAMETER** NA
DRILLING METHOD Direct Push **SCREEN TYPE/SLOT** NA
SAMPLING METHOD Macrocore **GRAVEL PACK TYPE** NA
GROUND SURFACE ELEVATION (FT MSL) 210.59 **GROUT TYPE/QUANTITY** Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA **STATIC WATER LEVEL (FT BELOW TOC)** NA
LOGGED BY Scott Sanderson **GROUND WATER ELEVATION (FT MSL)**
REMARKS Boring was sampled for lithology continously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SANDY SILT: dark brown; 65% silt, firm, low plasticity; 35% sand, poorly graded, fine; trace gravel; dry.		
									2.0	
						SP ML		SAND & SILT: brown 50% sand, poorly graded, fine, firm; 50% silt, non-plastic; trace gravel; dry.		
					5				5.0	
						SP SM		SAND WITH SILT: brown; 50% sand, soft; 10% silt; 10% gravel, subangular, subrounded; 30% rock fragments, >1" diameter; dry.	6.5	
						SM		SILTY SAND: brown; 80% sand, poorly graded, fine, soft; 20% silt; dry.		
					10				10.0	
						SM		SILTY SAND: brown; 75% sand, poorly graded, fine, soft; 25% silt; dry.		
									13.0	
						SP ML		SAND & SILT: brown; 50% sand, poorly graded, fine; 50% silt, soft, low plasticity; trace rock fragments, <1" diameter.	14.0	
					15	CL ML		LEAN CLAY WITH SAND: brown; 40% clay, soft, low plasticity; 40% silt; 20% sand; trace gravel; dry.	15.5	
						SM		SILTY SAND: brown; 45% sand, poorly graded, fine, soft to firm; 45% silt, non-plastic; 10% gravel (subangular, subrounded, <= 0.5" diameter) and rock fragments (up to 1" diameter).		
					20				20.0	
						SM		SILTY SAND WITH GRAVEL: brown; 40% sand, poorly graded, fine, soft to firm; 40% silt, non-plastic; 20% gravel and rock; Brown sand lense (poorly graded, fine) between 22 and 22.5'; dry.		
									23.0	
						ML		SILT WITH SAND: brown; 70% silt, soft, low plasticity, 20% sand, 10% clay; dry.		
					25				26.0	
						SP ML		SAND & SILT: brown; 45% silt, non-plastic, firm; 45% 45% sand, poorly graded, fine; 10% rock and gravel; dry.		

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-3/MIP-1

PROJECT NAME Omega Chemical **DATE DRILLED** 12/19/05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
1.8		60"/60"	MIP1-B3-29		30	SM		SILTY SAND WITH GRAVEL: brown; 60% sand, poorly graded, fine; 20% silt, 20% rock fragments and gravel; dry.	29.5 30.0	
								NO RECOVERY	31.0	
						SP ML ML		SAND & SILT: brown; 45% sand, poorly graded, fine, firm; 45% silt, non-plastic, 10% gravel and rock fragments. SANDY SILT: brown; 70% silt, soft, low plasticity; 30% sand; dry.	32.0 33.0	
NR		48"/60"	MIP1-B3-33			CL		LEAN CLAY WITH SAND: brown; 50% clay, firm to hard; 30% silt; 20% sand; moist.	35.0	
					35	ML		SILT WITH SAND: brown; 75% silt, firm to hard, medium plasticity; 25% sand; dry.	37.0	
8.3		60"/60"	MIP1-B3-37			ML		SILT WITH SAND: brown; 70% silt, firm, medium plasticity; 20% sand; trace gravel; dry.	38.5	
						CL		CLAY: brown; 70% clay, hard, dense, medium plasticity; 20% silt: 10% sand.	40.0	
					40	ML		SANDY SILT: brown; 60% silt, firm to hard, medium plasticity; 35% sand; 5% gravel; dry.	42.0	
						SM		SILTY SAND: brown; 65% sand, poorly graded, fine; 35% silt; trace rock fragments and gravel; dry.	44.0	
						ML		SANDY SILT: brown; 55% silt, low plasticity, soft to firm; 45% sand.	45.0	
					45	ML		SILT WITH SAND: brown; 70% silt, firm to hard, low plasticity 25% sand; 5% gravel, subangular, subrounded, <=0.5" diameter; dry.		
					50	CL		CLAY: dark brown; 70% clay, firm to hard, high plasticity, dense; 20% silt; 10% sand; dry.	50.0 51.5	
						SM		SILTY SAND WITH GRAVEL: brown; sand, poorly graded, fine, soft to firm; gravel, subangular, subrounded; dry.	52.0	
						CL		CLAY: dark brown; 70% clay, firm to hard, high plasticity, dense; 20% silt; 10% sand; dry.	55.0	
					55	CL		CLAY: brown; 70% clay, medium/high plasticity, soft; 20% silt; 10% sand; dry.	55.5	
						SM		SILTY SAND WITH GRAVEL: brown; 45% sand, soft; 35% silt; 20% gravel (subangular, subrounded, up to 1" diameter rock fragments); dry.	57.0	
7.9		60"/60"	MIP1-B3-57			ML		SANDY SILT: brown; 70% silt, hard, low plasticity; 30% sand; trace gravel.	58.5	
						SP ML		SAND & SILT: brown; 40% sand; 40% silt, soft to firm, low plasticity; 10% clay; 10% gravel.	60.0	
					60	ML		SANDY SILT: brown; 70% silt, hard, low plasticity; 30% sand; dry.	62.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-3/MIP-1

PROJECT NAME Omega Chemical **DATE DRILLED** 12/19/05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						SM SC		SILTY SAND/CLAYEY SAND: brown; 40% sand, poorly graded, fine, soft; 30% silt; 30% clay.	63.0	
						CL		CLAY: brown; 60% clay, soft to firm, dense, low plasticity; 30% silt; 10% sand.		
					65				65.0	
						CL ML		LEAN CLAY WITH SAND: brown; 50% clay, soft to firm, medium plasticity; 30% silt; 15% sand; 5% gravel; dry.		
									68.5	
16.9		60"/60"	MIP1-B3-69					NO RECOVERY		
					70				70.0	
						CL		CLAY: brown; 70% clay, hard, medium plasticity; 20% silt, 10% sand.		
					75				75.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-1/MIP-14
PROJECT NAME Omega Chemical **DATE DRILLED** 12/16/05
LOCATION 12512 East Whittier **CASING TYPE/DIAMETER** NA
DRILLING METHOD Direct Push **SCREEN TYPE/SLOT** NA
SAMPLING METHOD Macrocore **GRAVEL PACK TYPE** NA
GROUND SURFACE ELEVATION (FT MSL) 208.95 **GROUT TYPE/QUANTITY** Hydrated Bentonite Chips
TOP OF CASING ELEVATION (FT MSL) NA **STATIC WATER LEVEL (FT BELOW TOC)** NA
LOGGED BY Scott Sanderson **GROUND WATER ELEVATION (FT MSL)**
REMARKS Boring was sampled for lithology continously in 5-foot sections.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						ML		SILT: dark brown; 70% silt, low plasticity, soft; 20% clay; 10% sand, poorly graded, fine; dry.	4.0	
					5	ML		SILT WITH SAND: brown; 70% silt, low plasticity, soft; 20% sand, poorly graded, fine; 5% gravel, trace rock fragments; dry.	5.0	
						SP		SAND: brown; 95% sand, poorly graded, fine; 5% rock fragments (<1" diameter) intermixed; trace gravel; dry.		
					10	SP SM		SAND WITH SILT: brown sand, poorly graded, fine, soft; dry, solvent odor.	10.0	
					15	SM		SILTY SAND: brown; 55% sand, poorly graded, fine, firm; 35% silt; 10% rock fragments (>1" diameter); trace gravel, subangular, subrounded; dry, solvent odor.	16.0	
					20	CL ML		SILTY CLAY/CLAYEY SILT: brown; silty clay/clayey silt, medium plasticity, firm; sand, poorly graded, fine; gravel (<0.5" diameter); dry.	22.0	
					25	SP ML		SILTY SAND/SANDY SILT: brown; 50% silt, non-plastic, firm; 50% sand, poorly graded, fine; dry.	25.0	
0.3/0.7		60"/60"	MIP14-B1-26			ML		SANDY SILT: brown; 50% silt, hard; 40% sand, poorly graded, fine; 10% rock fragments and gravel; dry.	26.0	
						SM		SILTY SAND: brown; 65% sand, poorly graded, fine, firm; 30% silt; 5% gravel; dry.	28.0	
					30	SP ML		SILTY SAND/SANDY SILT: brown; 50% silt, non-plastic, firm; 50% sand, poorly graded, fine; dry.	29.0	
									32.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-1/MIP-14

PROJECT NAME Omega Chemical **DATE DRILLED** 12/16/05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						SM		SILTY SAND: brown; 70% sand, poorly graded, fine; 20% silt; 10% gravel, subangular, <0.5" diameter; dry.	34.0	
0/0.3		52"/60"	MIP14-B1-34		35	CL ML		LEAN CLAY WITH SAND: brown; 60% clay, silty, firm to hard, dense; 20% silt; 20% sand; dry.	35.0	
						SM		SILTY SAND: brown; 60% sand, poorly graded, fine, hard; 30% silt; 10% rock fragments and gravel, up to 1" diameter; dry.	37.0	
						ML		SILT: brown; 80% silt, soft to firm, low plasticity; 15% clay; 5% sand, poorly graded, fine; dry.	39.0	
						SM		SILTY SAND: brown; 70% sand, poorly graded, fine; 20% silt; 10%gravel, up to 0.5" diameter; dry.	40.0	
					40	ML		SANDY SILT: brown; 70% silt, soft to firm, low plasticity; 30% sand; trace clay; dry.	42.0	
						SM		SILTY SAND: brown; 70% sand, poorly graded, fine, firm to hard; 30% silt; dry.	44.0	
						ML		SANDY SILT: brown; 60% silt, soft, low plasticity; 40% sand; dry.	45.0	
					45	SM		SILTY SAND: brown; 60% sand, poorly graded, fine, firm; 35% silt; 5% gravel, angular, <1" diameter; dry.	46.0	
						CL ML		LEAN CLAY WITH SAND: brown; 40% clay; non-plastic, moist from 47-48 feet; 40% silt; 20% sand; trace gravel (<0.5" diameter); dry from 46-47 feet and 48-55 feet.		
NR		34"/60"	MIP14-B1-53		55	ML		SANDY SILT: brown; 55% silt, low plastic to non-plastic, firm; 45% sand, poorly graded, fine; trace of fine gravel.	55.0	
					60			NO RECOVERY	60.0	
					65	ML		SANDY SILT: brown; 50% silt, low plasticity; 45% sand, poorly graded, fine; trace gravel (subangular, subrounded) and rock fragments intermixed; moist.	65.0	
								LEAN CLAY: brown; 80% clay, medium plasticity, firm;	68.0	

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240-T2.0SS.OSS3 **BORING/WELL NUMBER** B-1/MIP-14

PROJECT NAME Omega Chemical **DATE DRILLED** 12/16/05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
						CL		15% silt; 5% sand; trace gravel.		
					70				70.0	
						SP ML		SILTY SAND/SANDY SILT: brown; 50% silt, non-plastic, firm; 50% sand, poorly graded, fine; trace of fine gravel; dry.	72.0	
						CL ML		LEAN CLAY WITH SAND: brown; 70% clay, soft, medium plasticity; 15% silt; 15% sand; dry; sand content increased at 73'.	73.0	
6.7		43"/60"	MIP14-B1-74			SP ML		SILTY SAND/SANDY SILT: brown; 45% silt, soft to firm; 45% sand, poorly graded, fine; 10% clay.		
					75				75.0	

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

May 15, 2006

Mr. Edward Modiano
OPOG Project Coordinator
De Maximis, Inc.
5225 Canyon Crest Drive, Building 200, Suite 253
Riverside, CA 92507

RE: On-Site Soils RI/FS Work Plan Addendum No. 2 Summary of Additional Findings from Soil Vapor and MIP Sampling, Omega Chemical Superfund Site, CDM, April 14, 2006

Dear Mr. Modiano:

The purpose of this letter is to provide EPA's comments on the subject document regarding further evaluation and mitigation associated with the vapor intrusion pathway. The comments should be incorporated into future work. However, the subject document need not be resubmitted.

Comments

1. Based on the most recent soil vapor data, as presented in the subject document, the potential for vapor intrusion is still of concern at several buildings near the former Omega property. Although concentrations of volatile organic compounds (VOCs) in soil vapor generally decrease away from the property, they are still high northeast of Putnam Street. Membrane interface probe (MIP) responses indicated low contamination in shallow soils; however, the VOC concentrations in the deeper soil vapor samples were high in this area. Although there was generally good correlation between MIP and analytical results for soil vapor samples, they did not always agree, leaving the possibility that high VOC concentrations in shallow vapors exist. Because shallow soil vapors near several buildings (listed below) were not sampled and analyzed (at VP-18 and VP-24 and/or closer), the potential for indoor air impacts is uncertain. The magnitude of vapor intrusion is also influenced by other factors such as construction and operation of heating, ventilation, and air conditioning (HVAC) systems. Consequently, the attenuation factor (the ratio of VOC concentrations in soil vapor to the concentrations in indoor air) can vary from building to building.

   Therefore, additional indoor air samples should be collected as soon as possible at the following locations. Methods and procedures for sample collection and analysis should be the same as for previous indoor air sampling efforts. Specific sample locations within each building should be proposed in a brief technical memorandum and submitted for EPA approval.

- 12476 Whittier Boulevard (Medlin & Sons)
- 12549 Washington Boulevard (LA Cart's Inc.)
- 12535 Washington Boulevard (Oncology Care Medical Associates)
- 12519 Putnam Street (Bishop Company)

2. After the additional indoor air data have been reviewed, possible mitigation measures will be evaluated in these buildings and others where vapor intrusion has been documented; the latter include 12484 Whittier Boulevard (Medlin & Sons), 12504 Whittier Boulevard (Star City Auto Body and Paint Shop), 12512 Whittier Boulevard (Three Kings Construction), and 12511 Putnam Street (Terra Pave, Inc.).

EPA's position is that the additional indoor air sampling falls within the scope of the soils remedial investigation. The data derived from the sampling must be considered before a soils remedy can be selected. This sampling will occur one way or another. If you have any questions about the comments please call me at (415) 972-3149.

Sincerely,

Chris Lichens
Superfund Project Manager

cc: Lori Parnass, DTSC
Tom Perina, CH2M Hill
Dave Chamberlin, CDM

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

May 1, 2006

Mr. Edward Modiano
OPOG Project Coordinator
De Maximis, Inc.
5225 Canyon Crest Drive, Building 200, Suite 253
Riverside, CA 92507

RE: On-Site Soils RI/FS Work Plan Addendum No. 2 Summary of Additional Findings from Soil Vapor and MIP Sampling, Omega Chemical Superfund Site, CDM, April 14, 2006

Dear Mr. Modiano:

The purpose of this letter is to provide EPA's comments on the subject document. The comments should be incorporated into future work. However, the subject document need not be resubmitted. Please also be aware that EPA will provide a separate letter regarding further evaluation and mitigation associated with the vapor intrusion pathway.

Comments

1. The investigation results are consistent with contaminant distribution in the vadose zone and groundwater that would be expected from a waste release at the former Omega Chemical property. The results indicate that the main release area was approximately between MIP-1 and MIP-3. The increasing ratio of freons to PCE and other VOCs away from the source area is due to their different phase partitioning, and due to the degradation of PCE and persistence of freons. The thin sand unit atop the 30-foot clay likely served as a major conduit for both liquid and vapor phase contaminant transport. The contaminants also likely cascaded away from the release location within the soils above the 30-foot depth (this can, at least partially, explain the Skateland pathway). Considering the extent of contamination in soil to the southeast, south, and southwest from the former Omega Chemical property, it is expected that the contaminants have also migrated northwest from Omega under the Medlin & Son property. The extent of the contamination in this direction has not been characterized yet.

   One multi-level soil vapor sampling location combined with a MIP or CPT/conductivity probe from ground surface to the water level (or refusal) is needed at the corner of the Medlin & Son building between the northwestern and northeastern sides. These samples will be used to characterize the extent of vadose zone contamination in this direction. If these samples show soil vapor concentrations comparable to VP-20 and VP-19, respectively, the Medlin & Son property is unlikely

to be a source of VOC contamination. Conversely, if high concentrations are found in these samples, further investigation at this property may be warranted.

2. Some of the oxygen readings by Land Tech seem to be too high (two were even over 22%); the calibration of the instrument should be presented along with the data in a future document and the validity of the readings assessed.

If you have any questions about these comments please call me at (415) 972-3149.

Sincerely,

Chris Lichens
Superfund Project Manager

cc: Lori Parnass, DTSC
Tom Perina, CH2M Hill
Dave Chamberlin, CDM

CDM

18581 Teller Avenue, Suite 200
Irvine, California 92612
tel: 949 752-5452
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Memorandum

To: *Chris Lichens - USEPA*

From: *Sharon Wallin, P.G. - CDM*
Dave Chamberlin – CDM

CC: *Michael Smith – CDM*
John Eisenbeis - CDM

Date: *April 14, 2006*

Subject: *On-Site Soils RI/FS Work Plan Addendum No. 2*
Summary of Additional Findings from Soil Vapor and MIP Sampling
Omega Chemical Superfund Site
10500-37240-T2.OSS.OSS3
10500-5.2.3

1.0 Objectives

The purpose of this memorandum is to present the results of the February and March 2006 Membrane Interface Probe (MIP), soil vapor and soil sampling field programs, and to determine if the objectives defined in the Final On-Site Soils RI/FS Work Plan Addendum No. 2, dated August 17, 2005 (Work Plan) have been achieved.

Specific objectives of this memorandum include:

- Present updated preliminary findings based on evaluation of the MIP, soil vapor and soil matrix results obtained to date.

- Describe observations and information concerning the Medlin & Sons building located immediately to the northwest of the Omega site.

2.0 Field Program Summary

The third round of MIP sampling was conducted between February 27 and March 2, 2006. A total of six probes (MIP- 25 through MIP-30 with one re-probe) were advanced using a

Geoprobe direct-push rig equipped with a soil conductance probe and MIP sensor. Two of the borings reached to a depth of about 60 feet (MIP-29 and 30), and the other four borings encountered refusal at approximately 55 feet.

Figure 1 shows the locations of all 2005 and 2006 MIP borings. The locations and elevations of the MIP borings were measured relative to existing site features and wells with surveyed elevations at the completion of the field work to allow incorporation of the data into the site conceptual model.

The MIP investigations provide logs of total VOCs relative concentrations using three detectors, and a continuous record of soil conductivity. The electron capture detector (ECD) is the most sensitive detector and provides a measure of the total chlorinated hydrocarbon compounds that are volatilized at the heated sensor probe. A photo ionization detector (PID) detects the higher concentration range for the organic compounds, while the flame ionization detector (FID) will detect other organic compounds, such as methane. The soil conductivity probe measures the electrical conductivity of the soil, which is related to the presence of fine-grain size and clay materials. A low soil conductance indicates a sandy or silty facies with fewer clays, while a higher soil conductance is indicative of clayey material. Additional operational data are also recorded, including the temperature at the MIP tool and the logging speed. Logs showing the results from the 6 MIP borings are presented in Attachment A.

Twenty six soil vapor samples and five duplicate samples were collected from eight locations (VP-20, -21, -22, -23, -24, -25, -28 and -29) during the period from March 6 through 9, 2006. Access could not be obtained for three locations (VP-26 and VP-27 in the median of Whittier Boulevard, and MIP31/VP30 in the northeast corner of Putnam Street and Washington Boulevard) proposed in the February 24th response to EPA's comments to the January 27, 2006 memorandum.

All of the samples were analyzed for VOCs using EPA Method TO-15. The locations of the March 2006 soil vapor probe locations are provided on Figure 2. These locations were obtained in the field by measuring distances to site features, thus the locations are accurate to within a few feet for the northing and easting coordinates.

Sixteen soil samples and two duplicate samples were collected from four boreholes (MIP-8-B4, MIP-21-B7, MIP-22-B5, and VP-21-B6) during the period from March 7 through 9, 2006. All of the soil samples were analyzed for VOCs using EPA Method 8260B; total porosity/bulk density using API RP40, moisture content using ASTM D2216, effective permeability to water/hydraulic conductivity using ASTM D5084, total organic content using EPA Method 9060; and 1,4-dioxane using EPA Method 8270CM. Field parameter results are presented in Attachment B.

3.0 Preliminary Evaluation

MIP Results The February/March 2006 MIP logs are provided in Attachment A. Evaluation of the September 2005 MIP soil conductivity logs (the initial MIP borings) identified several characteristics that extend over the area of that investigation. In particular, as was described in the November 1, 2005 memorandum to EPA:

> The interval from land surface to approximately 30 feet exhibits interbedded high and low soil conductivity materials. A distinctive high soil conductivity marker bed, interpreted as a clayey zone, is apparent on all of the MIP borings that penetrated to a sufficient depth. This zone ranges from 3.5 to 11 feet thick and was typically encountered starting at a depth of 31 to 34 feet. This will be referred to as the "30 foot clay". The marker bed has a characteristic double peak signature, with a lower conductivity interbed in the middle of this unit likely consisting of a siltier lithology. Nearly all borings on the site show a 1 to 4 foot thick unit with a lower soil conductance, interpreted to be a sandy to silty lithology with less clay, overlying this unit. A similar lower conductance unit underlies the clayey zone at most locations on site. Another feature observed on the soil conductance logs is the presence of low soil conductance materials located near the water table.

This distinctive 30 foot clay was also encountered at all of the new MIP borings that were completed in February/March 2006. Lower conductance materials interpreted as sandy intervals were encountered below the 30 foot clay and above the water table at the following probe locations:

- MIP-25 48 to 52 feet
- MIP-26 40 to 44 feet
- MIP-27 51 to total depth (approximately 53 feet)
- MIP-28 48 to total depth (approximately 53 feet)
- MIP-29 35 to 36 and 54 to 56 feet
- MIP-30 few, if any, sandy intervals below the 30 foot clay

One of the primary objectives of the Work Plan was the identification of potential sources of contamination at the site and the pathways of migration. The MIP results for this round of sampling do not show the presence of elevated relative concentrations in the upper 10 feet of material.

Relative elevations have been surveyed at the site, allowing evaluation of the configuration of the 30 foot clay. Figure 3 shows a contour map of the top elevation of this zone, indicating that this surface slopes toward the west and southwest from the suspected source areas near MIP-3. This preliminary evaluation suggests that the 30 foot clay has played a major role in defining the migration pathways for contaminants released at the site. The thickness of this zone ranges from about 3.5 to 11 feet. The site data suggest that fluid releases from sources migrated vertically downward to the 30 foot clay, then dispersed laterally on this lower permeability interface, while at the same time infiltrating through this zone. Soil concentrations at MIP-3 show high concentrations from land surface to near the water table, suggesting that migration through this layer occurred. The configuration of this surface appears to bifurcate the potential migration pathways for contaminants. Contaminants (potentially in the form of perched liquids) present along the northern property line for the Omega site are likely to follow a westerly pathway, while contaminant releases near the former loading dock in the Omega building may tend to follow a more southwesterly path. The 30 foot clay appears to at least partially isolate the vadose zone into two intervals, with shallow contamination volatilizing into the upper portion of the vadose zone, while contaminants in groundwater and the zone above the capillary fringe also provide a source of soil gas contamination below the 30 foot clay. Shallow soil gas contamination observed south of the Skateland building occurs in and above the 30 foot clay; however, there is not a clear migration pathway from the vicinity of MIP-3 to this area. Areas more distant from potential sources have a greater relative proportion of Freons, suggesting that vapor migration also plays a significant role in contaminant dispersal.

Soil Vapor Results Table 1 presents the analytical results for the soil vapor samples. Relatively high concentrations of TVOCs were found in soil vapor samples collected at VP-29 (22, 29, and 48 feet); VP-28 (20 feet); VP-21 (43 and 48 feet); and VP-24 (35 and 39 feet). Figures 4 to 9 show TVOC concentrations in soil vapor samples collected within 10 feet of MIP locations, superimposed on MIP sensor response graphs. In some cases (MIP-25, -27, and -30), the soil vapor results correlated very well with the MIP responses at all sample depths. At the other locations, the soil vapor TVOC concentrations correlated with the MIP responses only at some of the sample depths. However, it is not expected that the MIP responses would always correlate to the soil vapor TVOCs or soil TVOCs, since the MIP detectors respond to TVOCs in soil and soil vapor.

The distribution of six indicator parameters at four depth intervals is shown on Figures 10 through 33. Total VOCs, Total Freons, PCE, 1,1-DCE and 1,1,1-TCA, along with the total other VOCs (Total VOCs except for Freons and PCE) were selected to represent concentration distributions at the site, since these are the most wide-spread compounds with elevated concentrations. Figures 10 through 15 show concentrations of these indicators in the interval of 0 to 15 feet below ground surface (bgs). Figures 16 through 21 provide concentration

distributions for the 15 to 30 foot depth interval. These shallow distributions represent the interval above the 30 foot clay layer. Figures 22 through 27 provide the same information for the interval 35 to 59 feet bgs, while Figures 28 through 33 present the distributions for depths greater than 60 feet. The relative percentage of PCE, Freons and other VOCs are shown for the four depth intervals on Figures 34 through 37.

The 0 to 15 foot and 15 to 30 foot intervals are likely to be impacted by releases from the surface, and areas where migrating perched liquids may have been present. The TVOCs show the highest concentrations in soil vapor in the area between the Star City Auto Body building and the Medlin building, and in the former loading dock area west of the Star City Auto Body building. TVOC concentrations in these shallow intervals persist in the northwest, west and southwesterly directions, which is consistent with the slope of the 30 foot clay layer. The character of the soil vapor is similar near the Star City Auto building and west onto the Terra Pave property, with PCE present in the soil vapor. More distant samples to the northwest and south show a lower percentage of PCE in the vadose zone. The highest concentration for Freons occur in the samples located between the Star City building and the Medlin building. Elevated PCE concentrations are present both between the buildings and in the loading dock area, suggesting that releases of both of these compounds occurred. The highest 1,1,1-TCA concentrations occur near the loading dock, but do not appear to migrate significantly, likely due to degradation of this compound. Samples from the interval below the 30 foot clay and the water table (35 to 59 and >60 foot intervals) show a generally similar pattern in concentration characteristics, with PCE in areas west and southwest of the Omega site. Soil vapor TVOC concentrations persist for a greater distance in this deeper zone.

Soil Results Soil borings were installed and sampled adjacent to MIP-8, MIP-14, MIP-21, MIP-22 and MIP-26. Table 2 presents the analytical results for the soil samples. Attachment B contains the physical properties data for the soil samples. Figures 38 to 42 show TVOC concentrations in soils sampled next to MIP locations plotted on MIP sensor response graphs. Overall, there is good correlation between the soil TVOCs and the adjacent MIP responses; however, there are a few data points that do not correlate well to the MIP responses (see "outlying" data points on Figures 40 and 42). Collectively with similar figures for both soil and soil vapor presented in the November 1, 2005 and January 24, 2006 memoranda, Figures 4 to 9 and 38 to 42 indicate that the MIP is appropriate as a screening tool to provide continuous lithologic and qualitative VOC contamination information over the entire vertical profile probed. The soil sampling locations during the March, 2006 sampling campaign were located off of the former Omega property in a downgradient direction. These samples typically showed higher concentrations in areas below the 30 foot clay zone, suggesting that these boring are not located in areas of surface releases.

4.0 Medlin & Son

This section presents information pertaining to the Medlin & Sons property (12484 Whittier Boulevard) which is immediately adjacent to the north northwest of the site.

4.1 Below-Grade Room

A Phase 1 environmental assessment for the Medlin & Sons property (12484 Whittier Boulevard) conducted in 1997 (CENTEC Engineering, 1997) reported the following:

> A below-grade "room" is reportedly located along the southern side of the building. A document at the City Building Department dated June 26, 1969, states "The test tunnel designed under the floor of the new building is to be used for non-hazardous test work on government contracts. The exact nature of which is restricted information." Access to the tunnel was blocked by the extremely weighty metal door set into the asphalt at the rear and the large amount of water in the vault of the front entrance."

During the November 2004 soil vapor sampling event, CDM observed the "tunnel" through a vault opening adjacent to the south side of the building. The below-grade room appeared to be quite large and contained approximately 3 feet of standing water on the floor. Since it is unlikely the foundation was constructed to be water-tight, there may be a leaking water supply line that floods the space. If in turn the foundation leaks, the infiltrating water may have a significant impact on subsurface contaminant migration beneath and adjacent to the building, particularly if that water is contaminated. We recommend that EPA sample the water in this structure to determine if it is contaminated.

4.2 Potential Source Area

While an in-depth evaluation of all soil, soil vapor and MIP data will be performed during preparation of the RI report, preliminary assessment of the results indicates the Medlin & Son property may be an additional source area. Information that supports this preliminary conclusion includes:

- Cal Air Conditioning operated at the property from 1976 to 1996 and a Phase 1 environmental assessment (Centec Engineering, 1997) found "…an area of some significant surficial staining on the wall and floor of the extreme northwestern portion of the warehouse." Freons are commonly used in air conditioners. CalAir was acquired by Johnson Controls in 2004, and is now located at 12393 Slauson Avenue, Santa Fe Springs (562/698-8301).

- In December 2005, in an attempt to bore MIP-17 adjacent to the southern wall of the Medlin building, very high VOC concentrations were encountered in vapors

emanating from shallow soils. To prevent having to use Level C protection for the samplers, the MIP-17 boring was off set a few feet and the high VOC concentrations were not encountered at the new location. The ECD response at new MIP-17 location indicated VOC contamination from about 1 foot below ground surface (bgs) to the total depth of the boring (70 feet bgs)

- Freon 113, Freon 11, 1,1-DCE, PCE and other VOCs were detected in vapor samples from 6, 12, 18, 24, 40, 50, 60, and 70 feet bgs collected at VP-1, VP-2 , VP-3 and VP-4 which are located along northwester boundary of the site and adjacent to the Medlin building.

- MIP-1 (located along northwestern boundary of the site and adjacent to the Medlin building) ECD responses indicate contamination from the surface to the total depth of the boring (80 feet).

- Freon 113, Freon 11, 1,1-DCE, PCE and TCE were detected in vapor samples from 8, 22, 32, 47, and 60 feet bgs collected at VP-16 which is located at the northwestern corner of the Medlin building.

- Freon 113, Freon 11, 1,1-DCE, PCE and other VOCs were detected in vapor samples from 21.5, 29, and 51 feet bgs collected at VP-20 which is located along the western wall of the Medlin building.

5.0 Conclusions and Recommendations

Upon integrating the third round of MIP/VP data into the overall MIP/VP data set, the following conclusions are presented:

- The 30 foot clay has been encountered at all locations where MIP probes have been installed. It appears that the sandy units overlying the 30-foot clay layer acts as a migration pathway for shallow vapors from the source area. The presence of the 30 foot clay unit limits the vertical migration of soil vapor from the deep vadose zone and groundwater due to its low permeability;

- Soil vapor concentrations in the interval above the 30 foot clay show decreasing total VOC concentrations with distance in the north, south and west directions, meeting the criteria identified in the work plan;

- Elevated soil vapor concentrations in the deep vadose zone are due, at least in part, to volatilization from groundwater, which is being addressed in the ongoing EE/CA. For these reasons, no further investigation of soil vapor in the deep vadose zone is necessary.

- Potential source areas have been identified as the area between the former Omega Building and the Medlin Building and in the former loading dock area west of the Star City Auto Body building.

Based on the above conclusions, only the two locations previously proposed for soil vapor sampling along Whittier Boulevard (VP-26 and VP-27) are recommended to meet the Work Plan objectives. The proposed soil vapor samples to the east will allow a determination if the work plan criteria are met in this direction.

In addition, it is recommended that EPA sample the water in the flooded below-grade "room" of the Medlin building to determine if it is a source of subsurface contamination.

6.0 References

CENTEC Engineering, 1997. Phase I Environmental Assessment – 12484 Whittier Boulevard, Whittier California 90602. August 5.

FIGURES

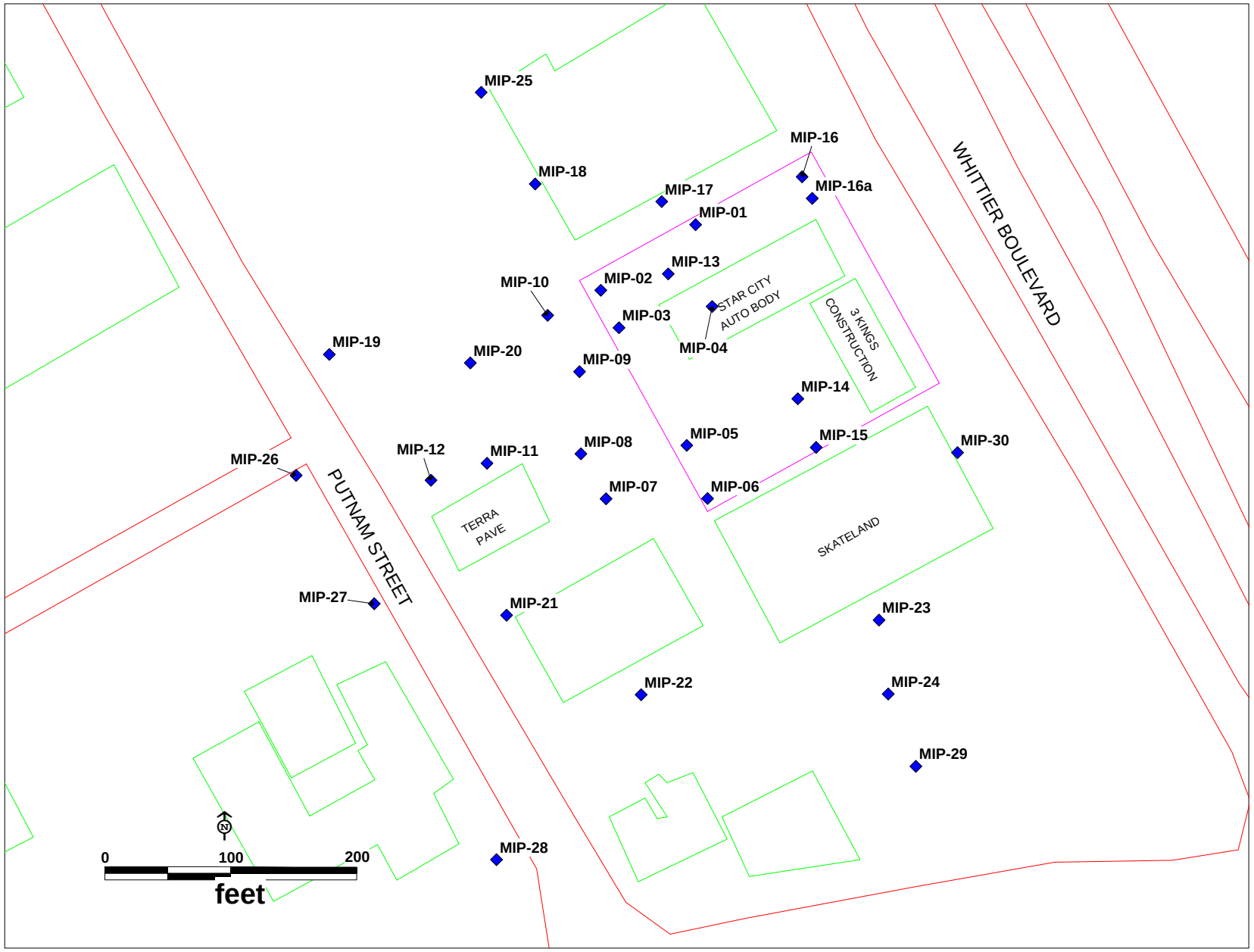


Figure 1 Location of MIP Borings

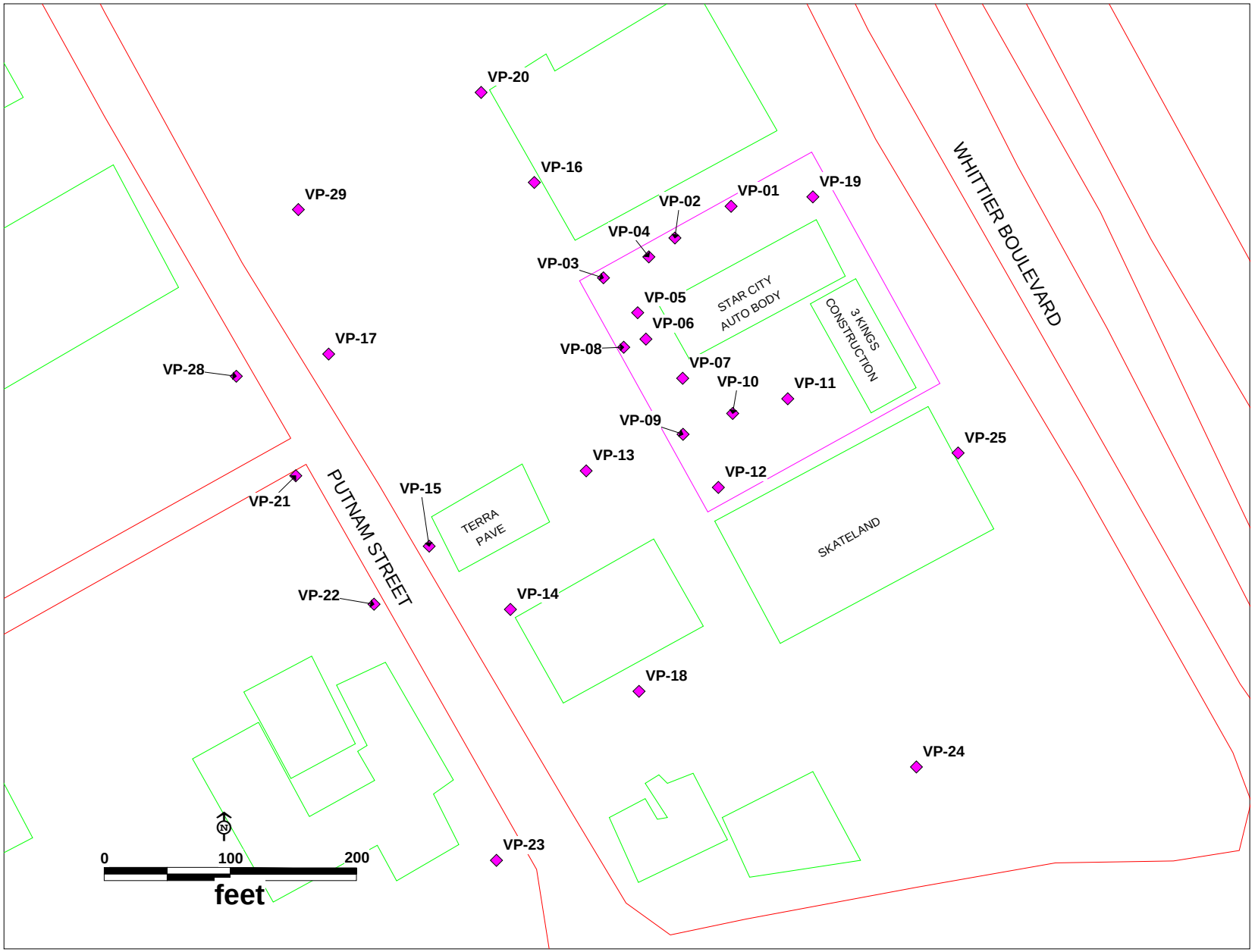


Figure 2 Location of Vapor Sampling Probes

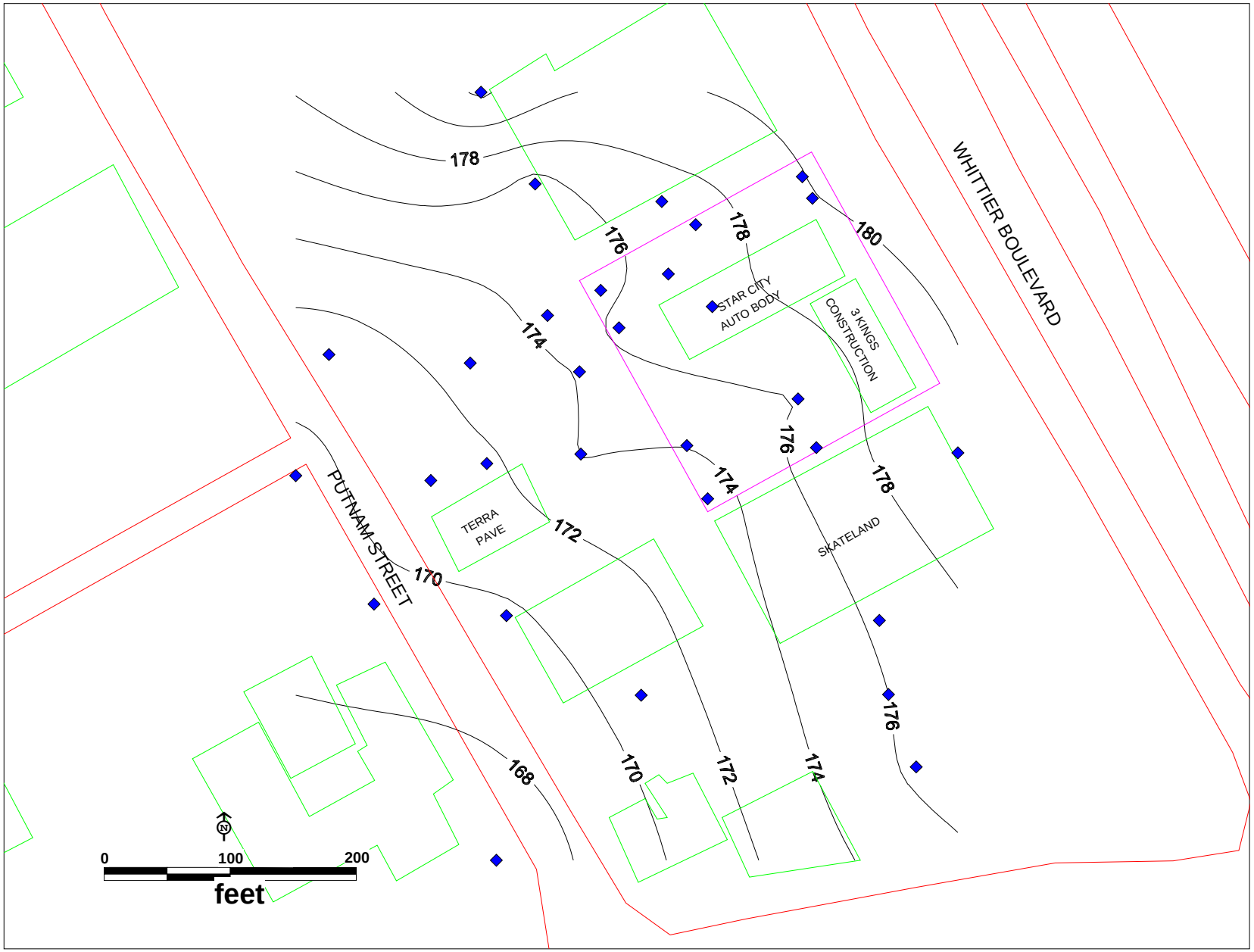


Figure 3 Elevation Top of “30 Foot Clay”

Figure 4. MIP-25 ECD and TVOCs in Adjacent Soil Vapor

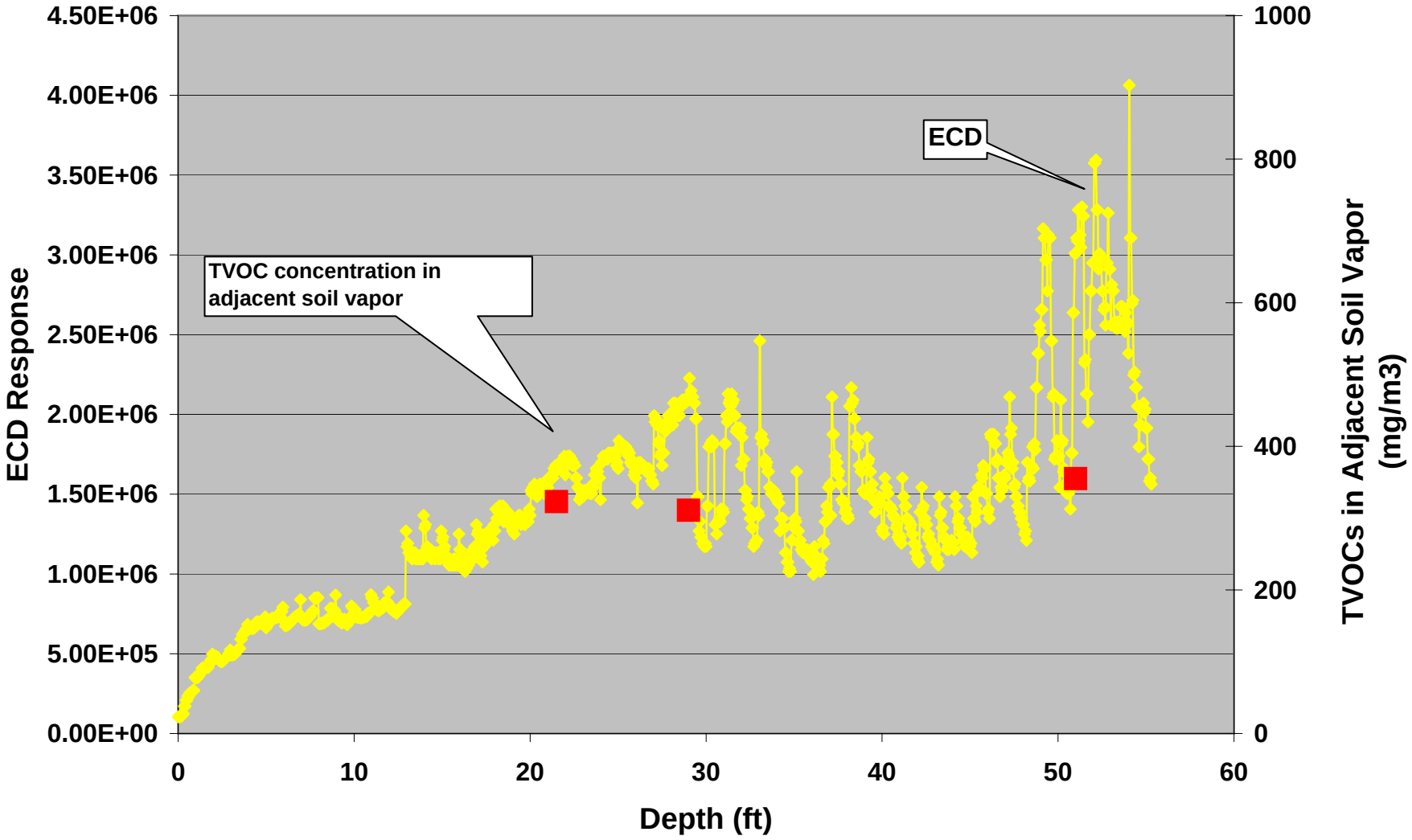


Figure 5. MIP-26 PID and TVOCs in Adjacent Soil Vapor

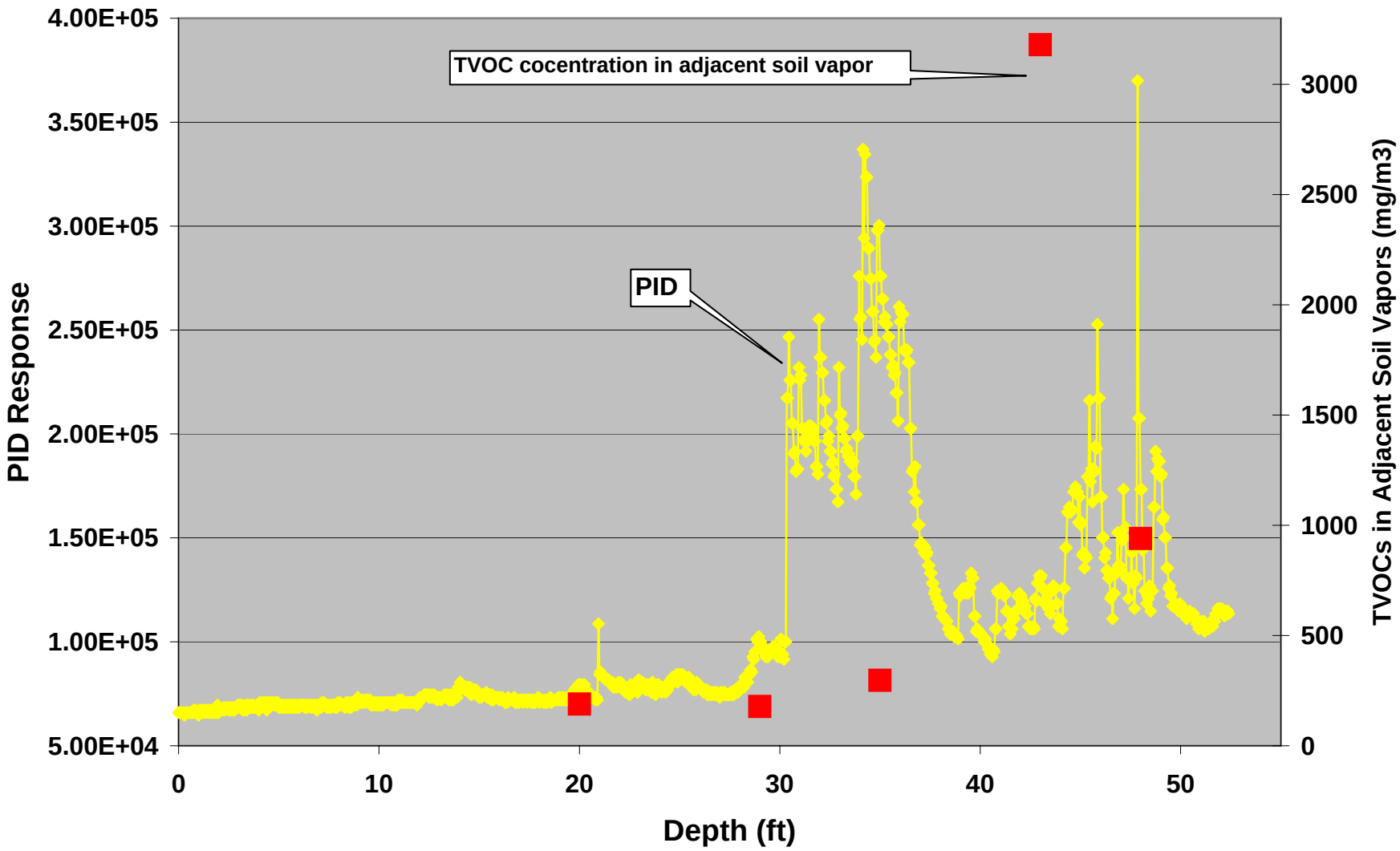


Figure 6. MIP-27 ECD and TVOCs in Adjacent Soil Vapor

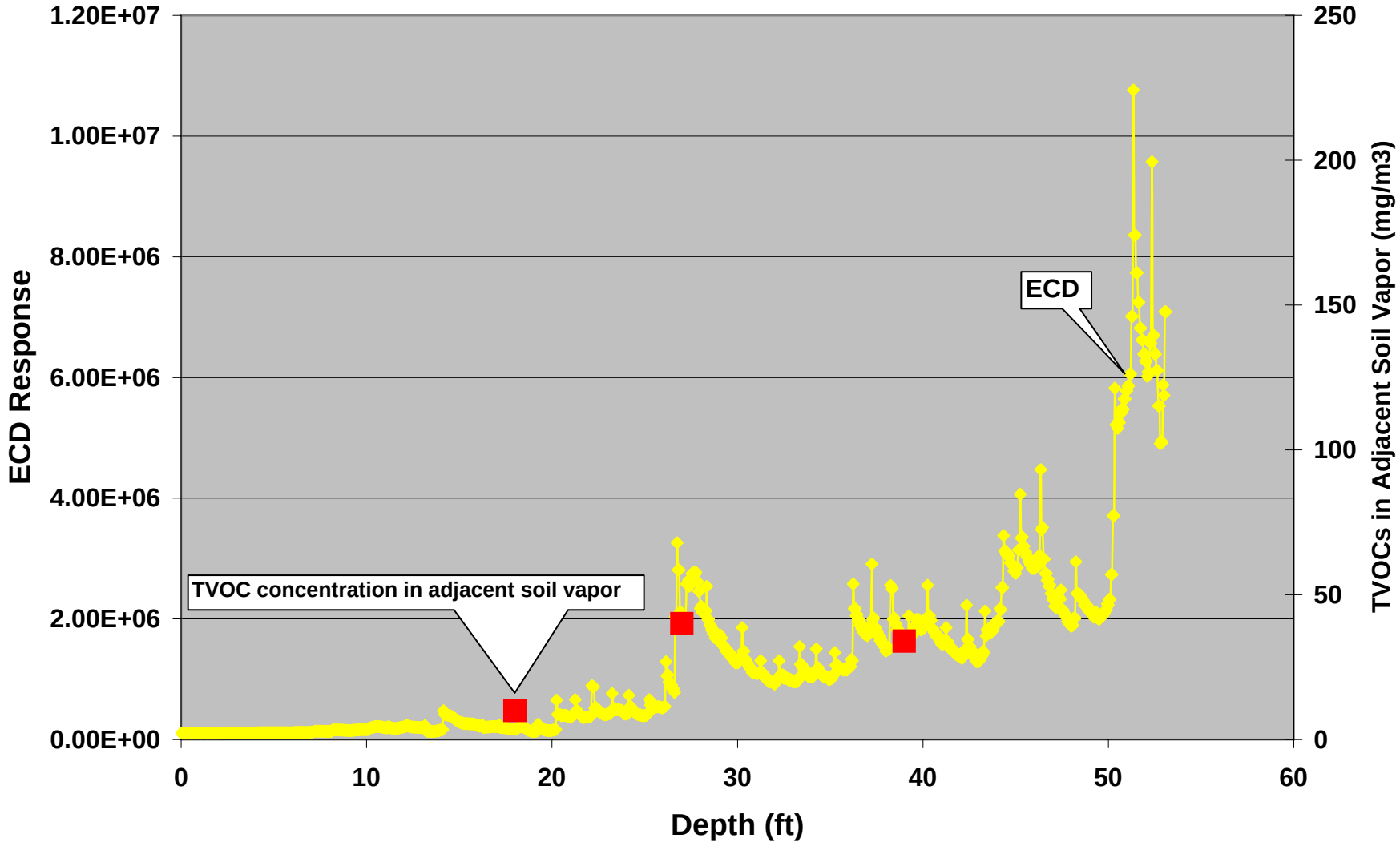


Figure 7. MIP-28 ECD and TVOCs in Adjacent Soil Vapor

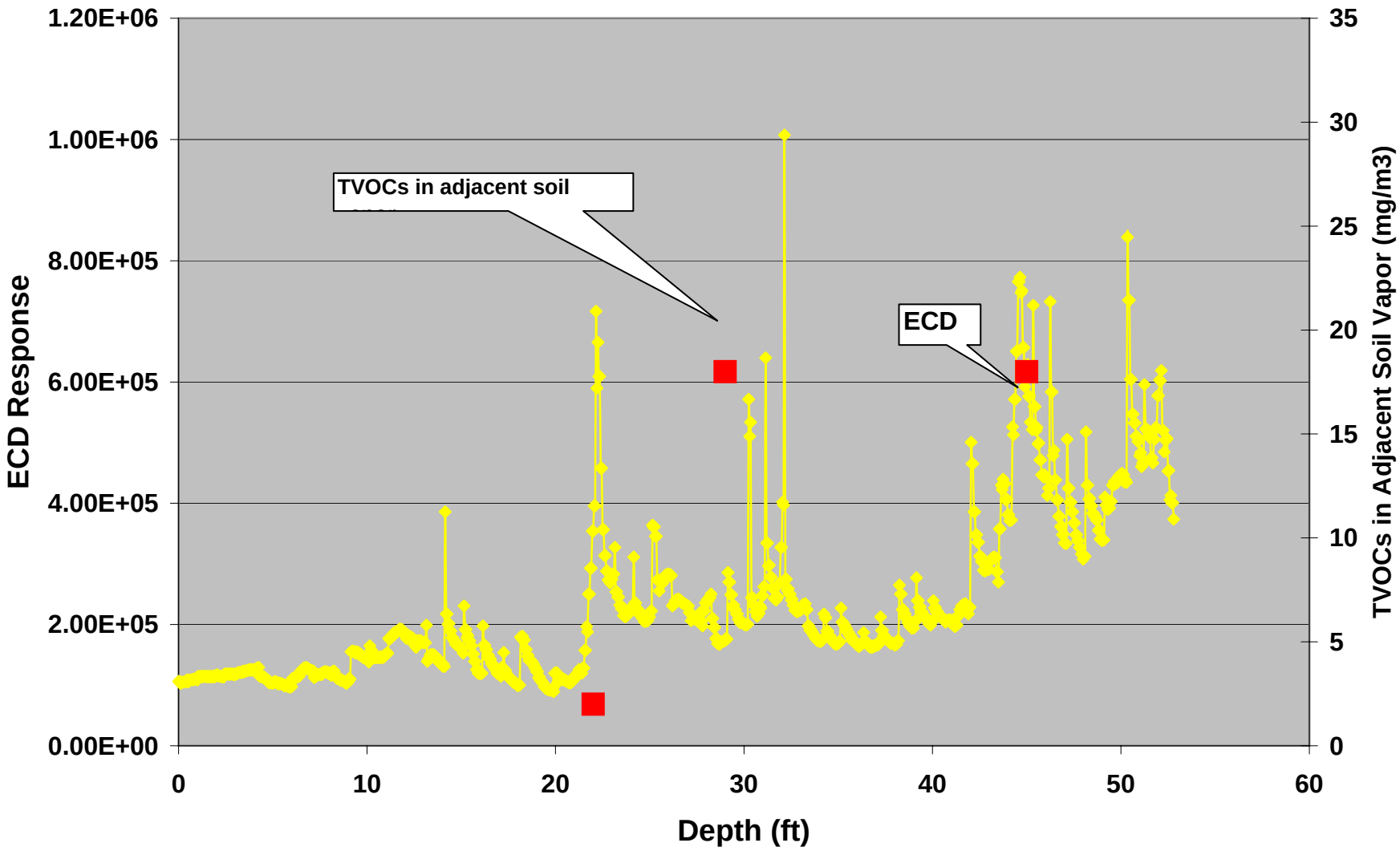


Figure 8. MIP-29 ECD and TVOCs in Adjacent Soil Vapor

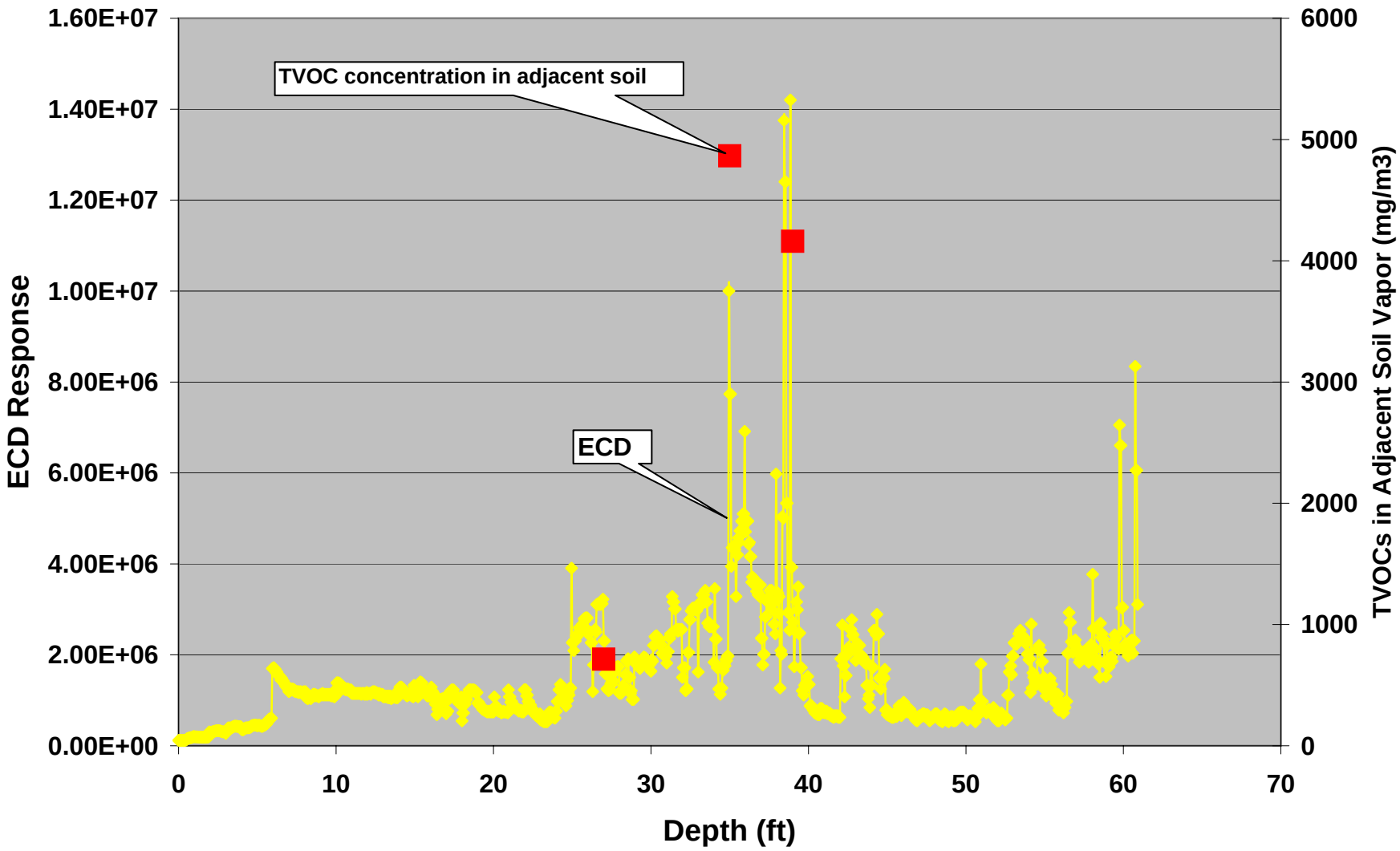
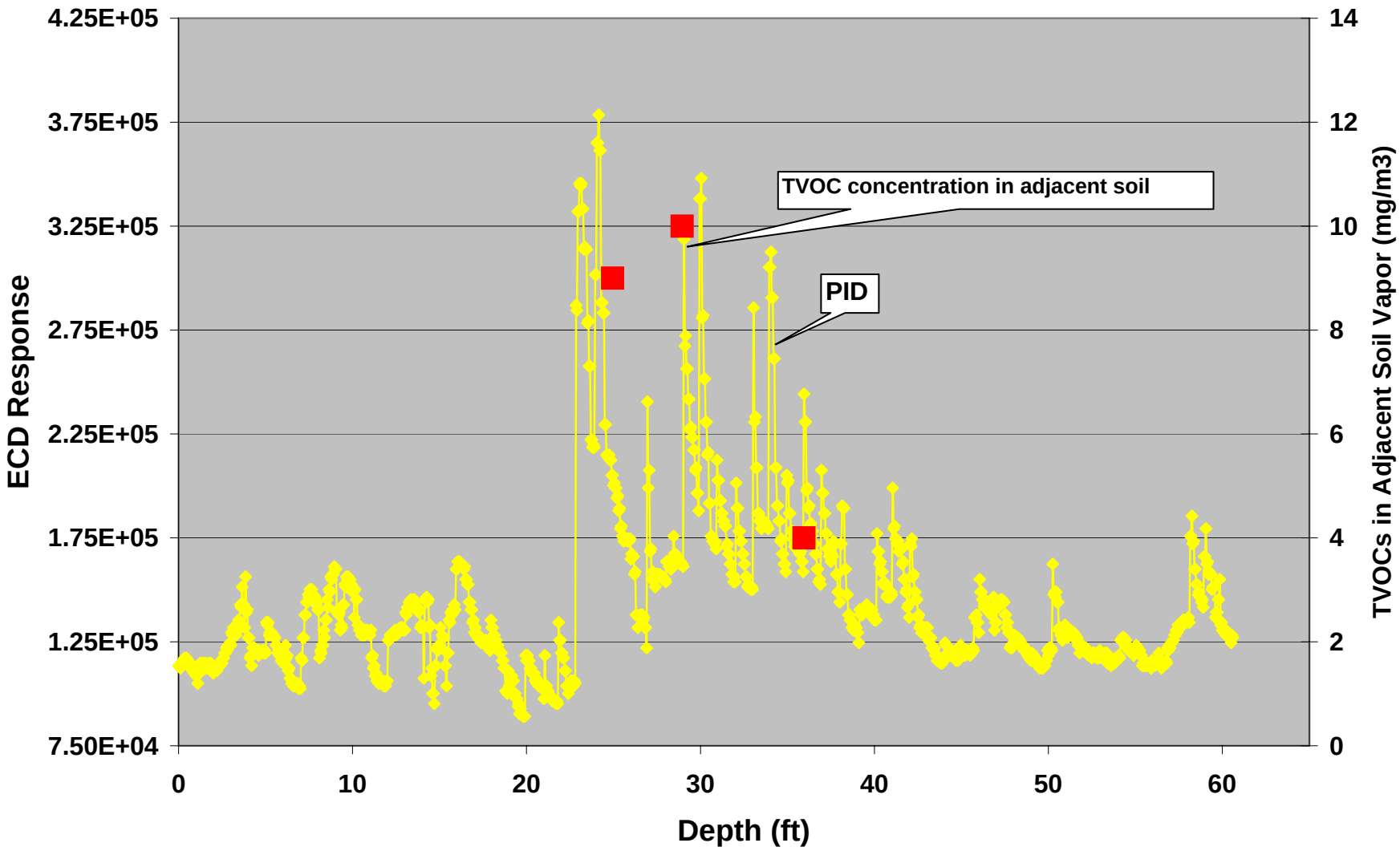


Figure 9. MIP-30 ECD and TVOCs in Adjacent Soil Vapor



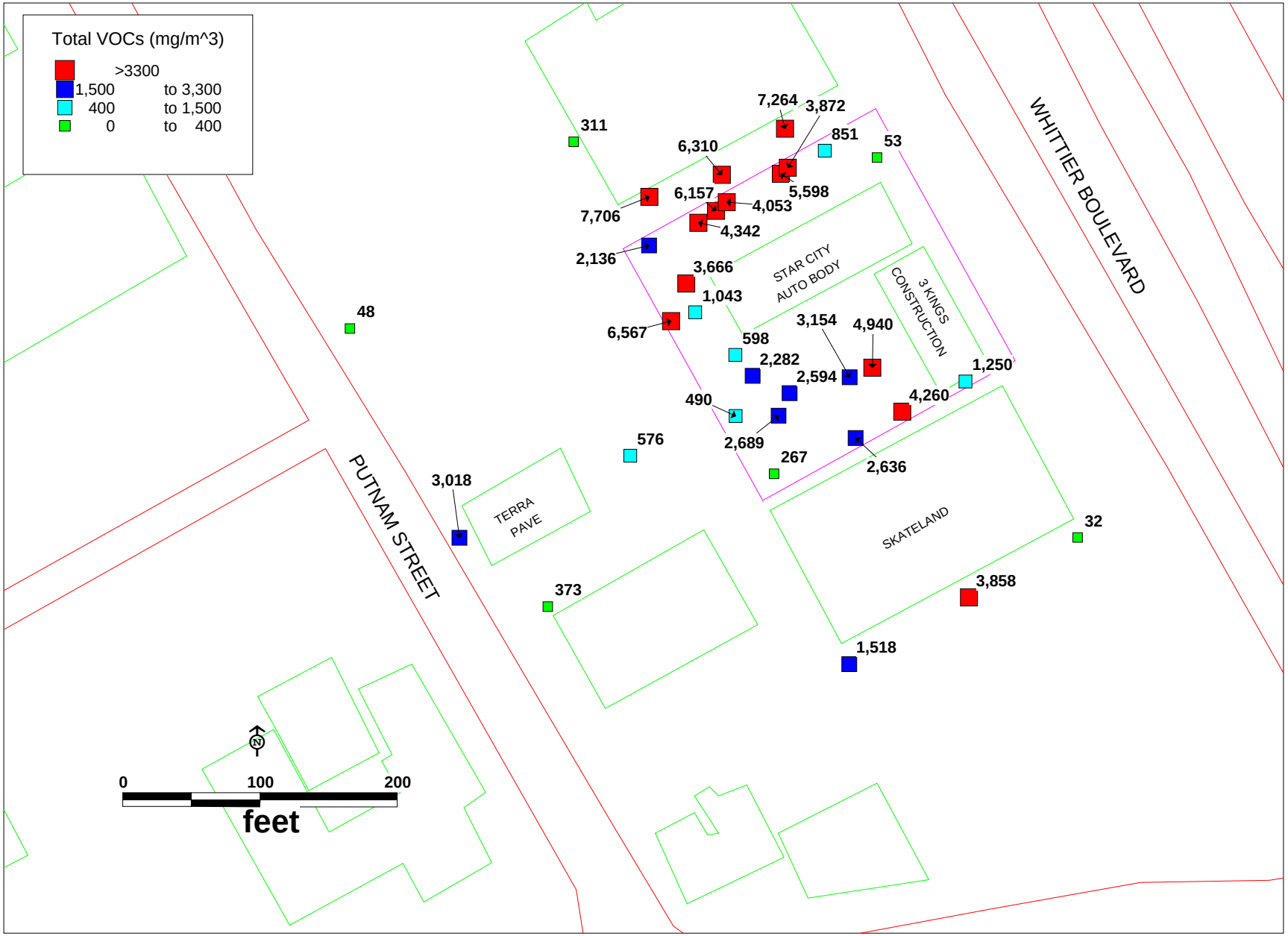


Figure 10 Total VOCs 0 – 15 Feet

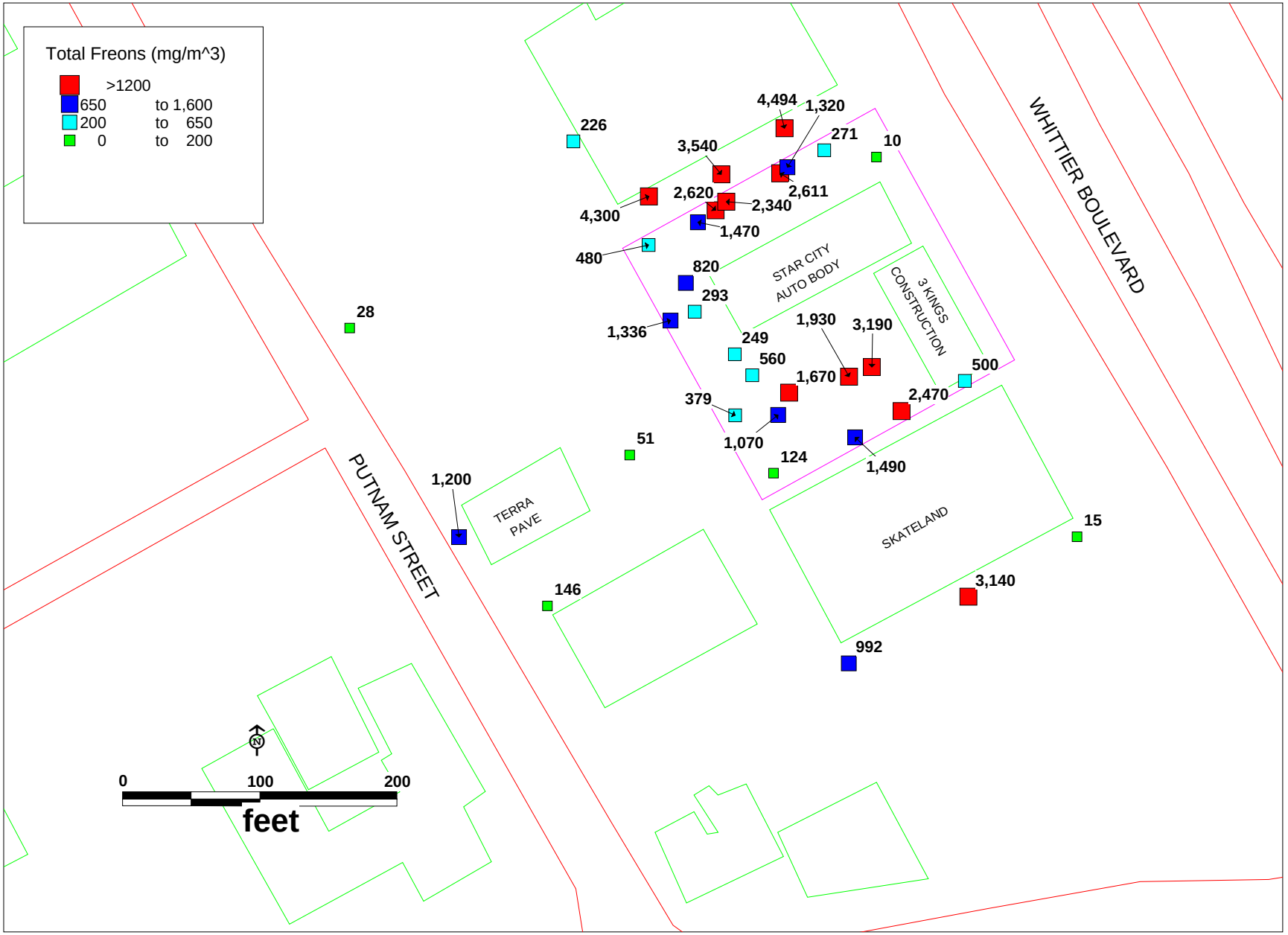


Figure 11 Total Freons 0 – 15 Feet

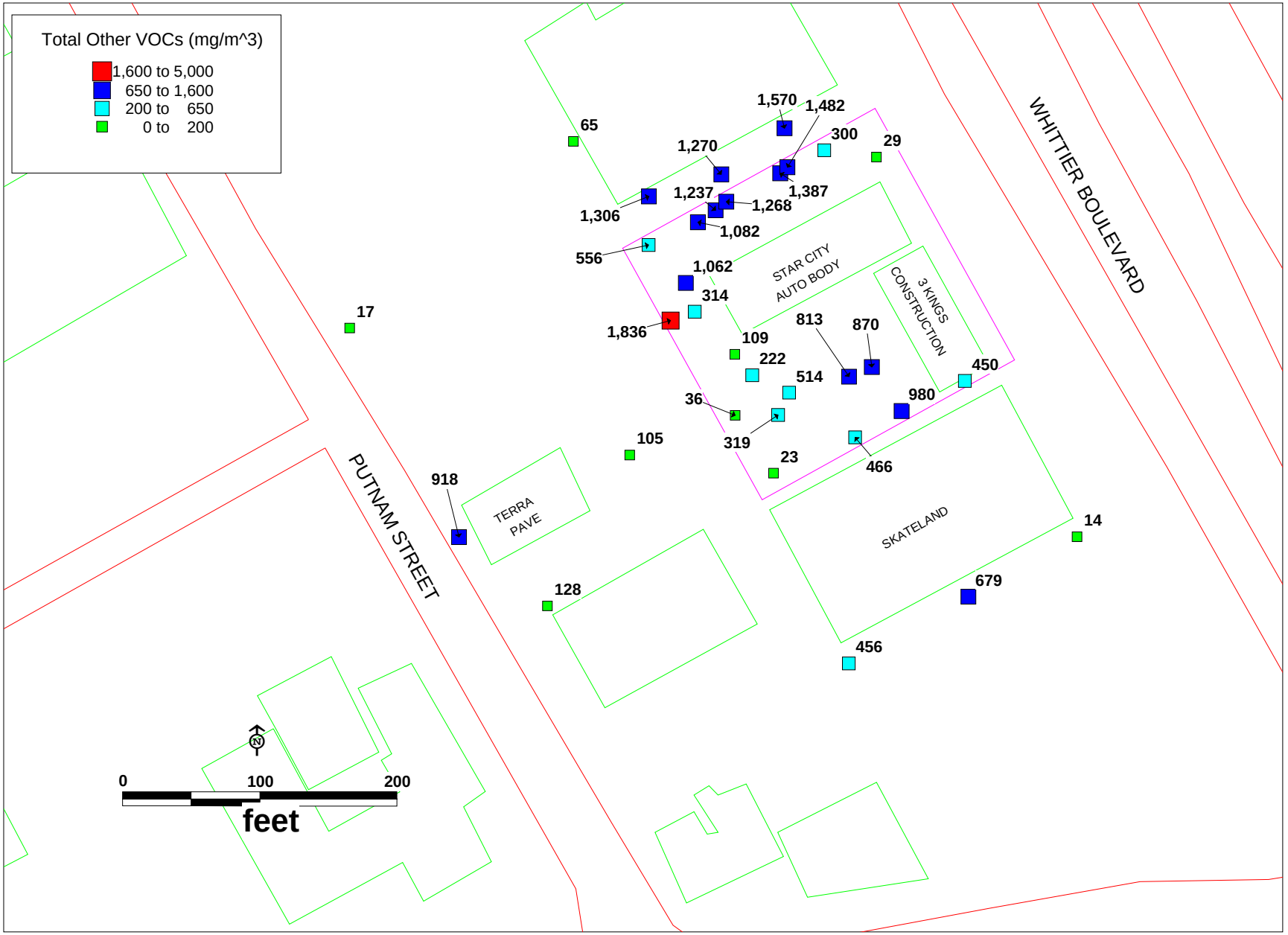


Figure 12 Total Other VOCs (TVOC-PCE-Total Freons) 0 – 15 Feet

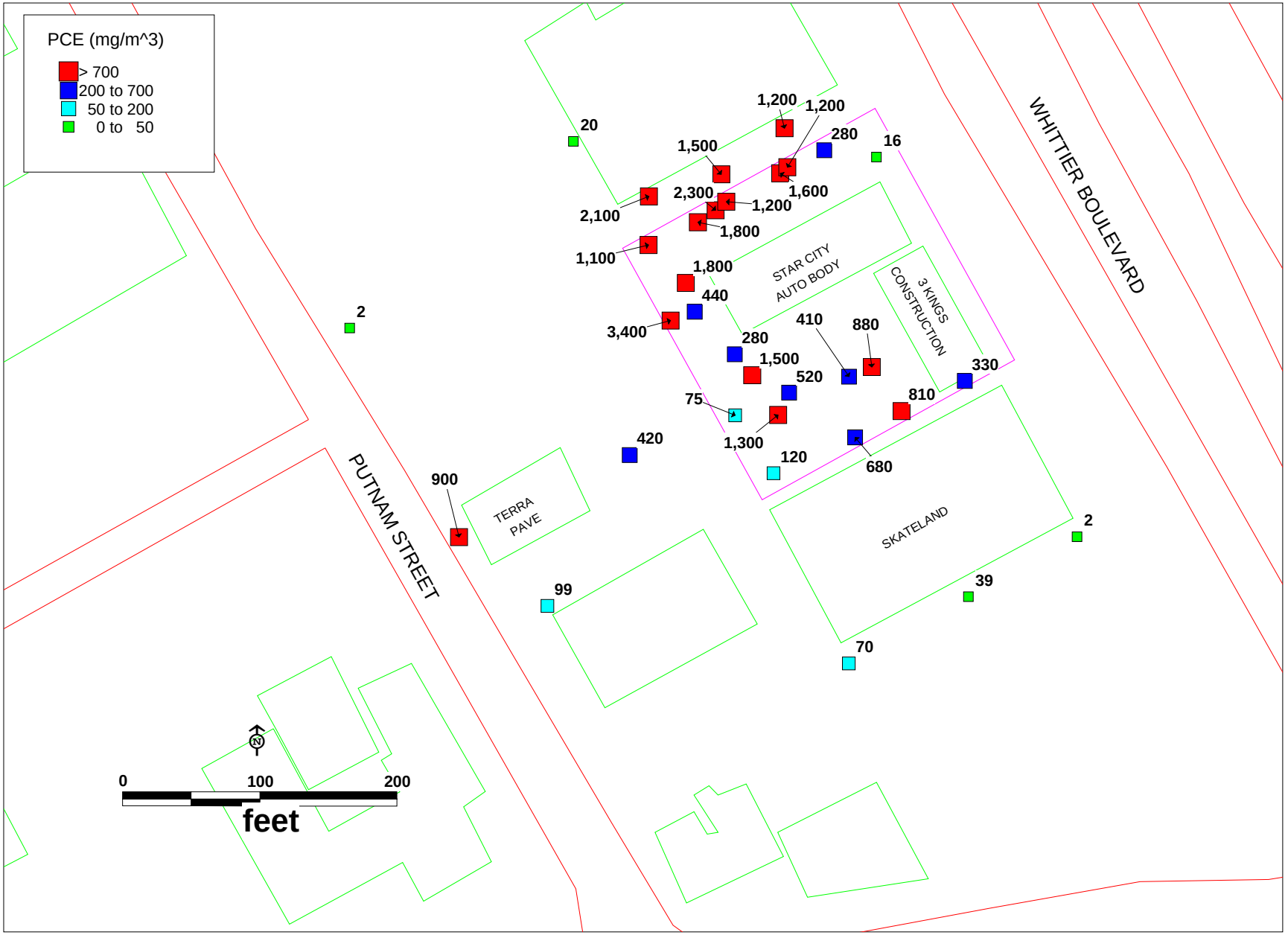


Figure 13 PCE 0 – 15 Feet

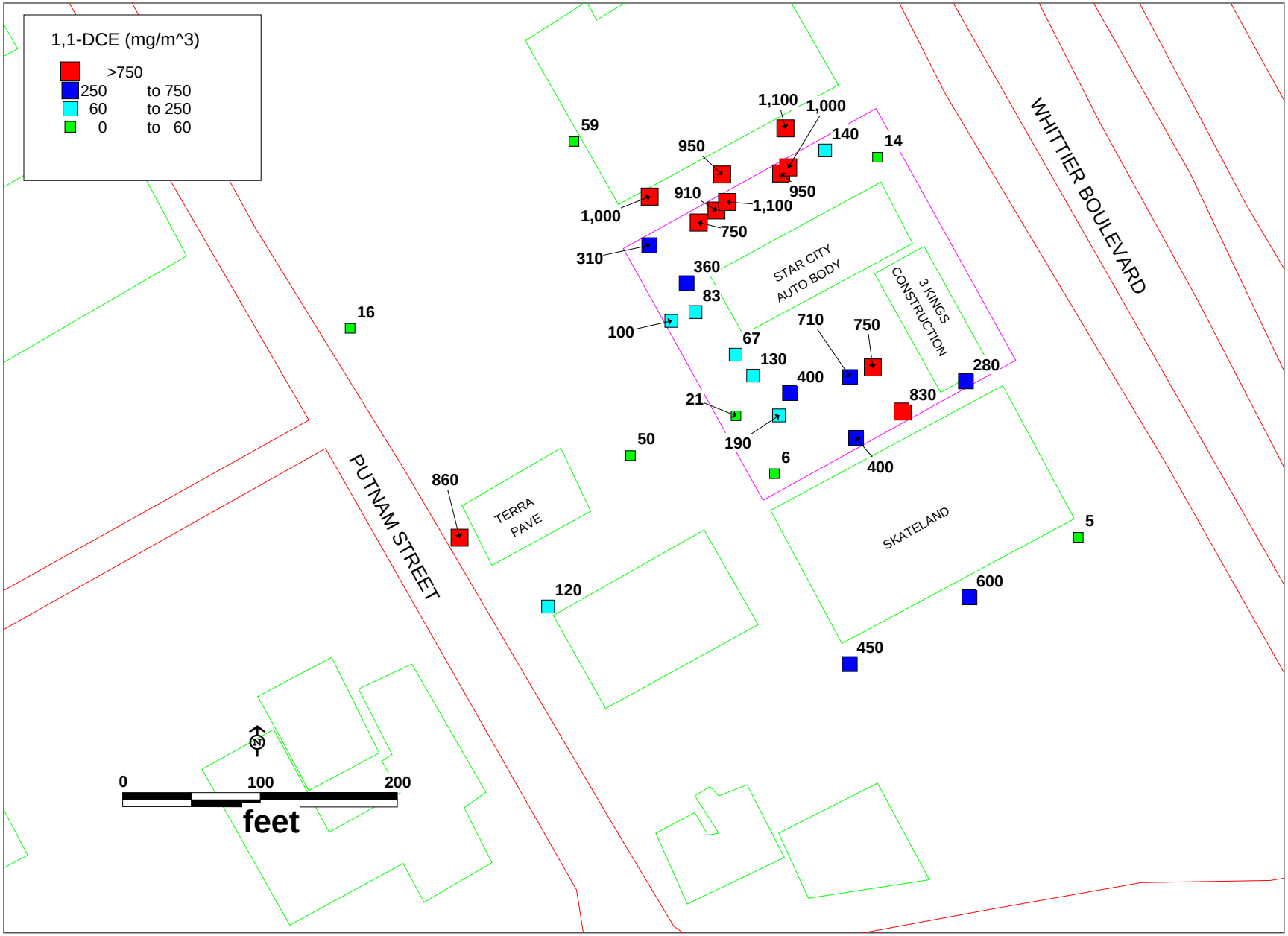


Figure 14 1,1-DCE 0 – 15 Feet

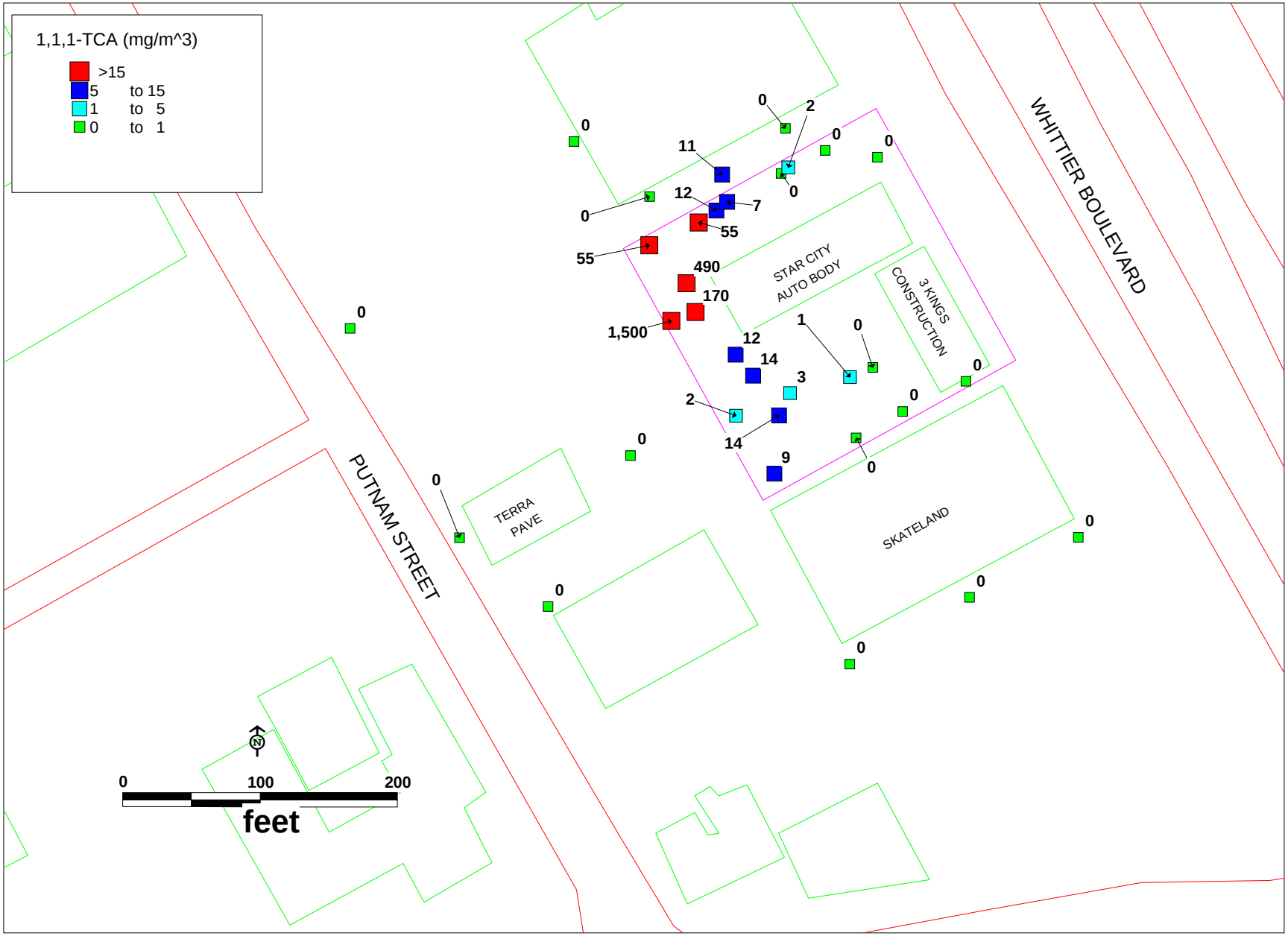


Figure 15 1,1,1-TCA 0 – 15 Feet

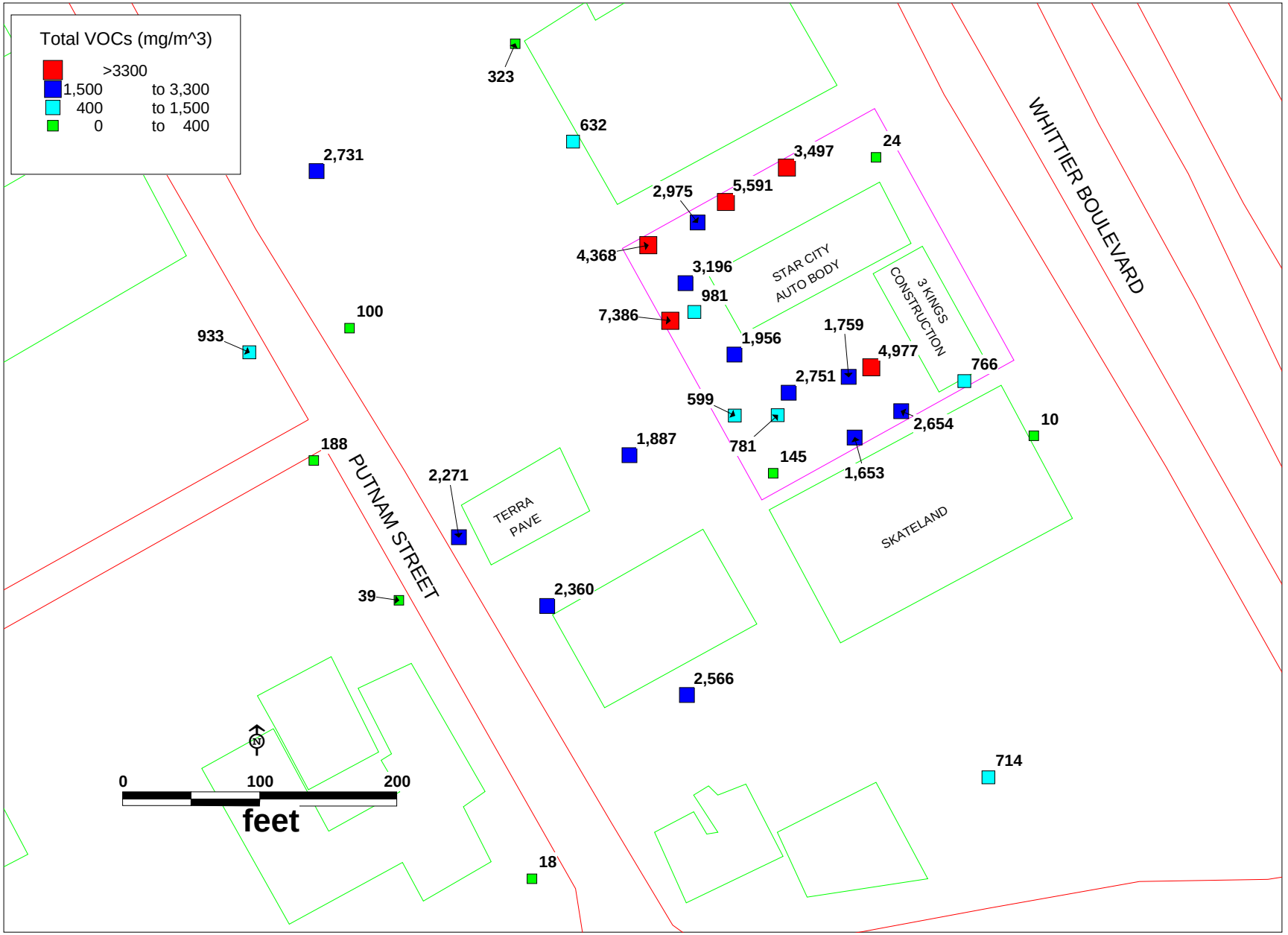


Figure 16 Total VOCs 15 - 30 Feet

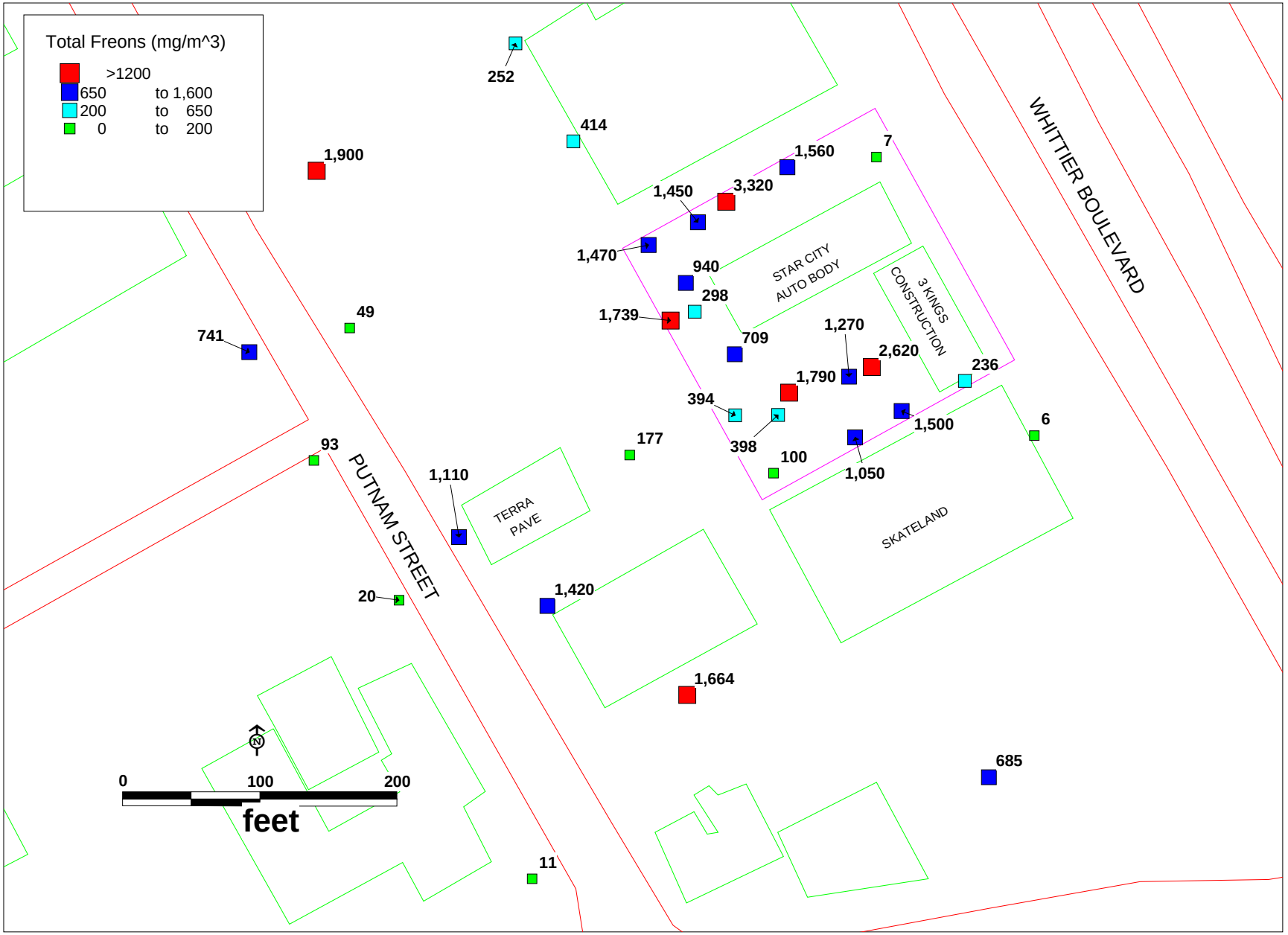


Figure 17 Total Freons 15 - 30 Feet

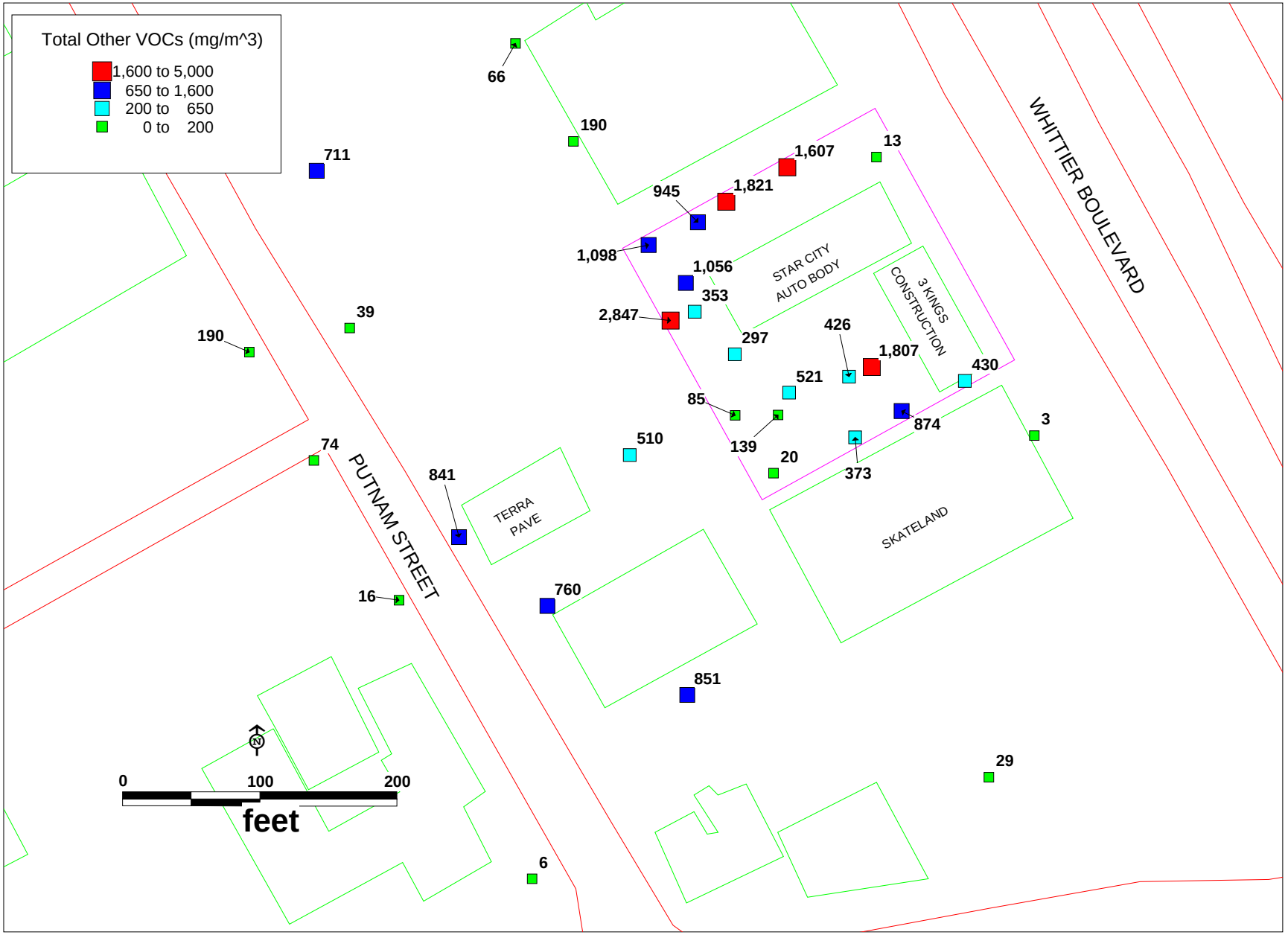


Figure 18 Total Other VOCs (TVOC-PCE-Total Freons) 15 - 30 Feet

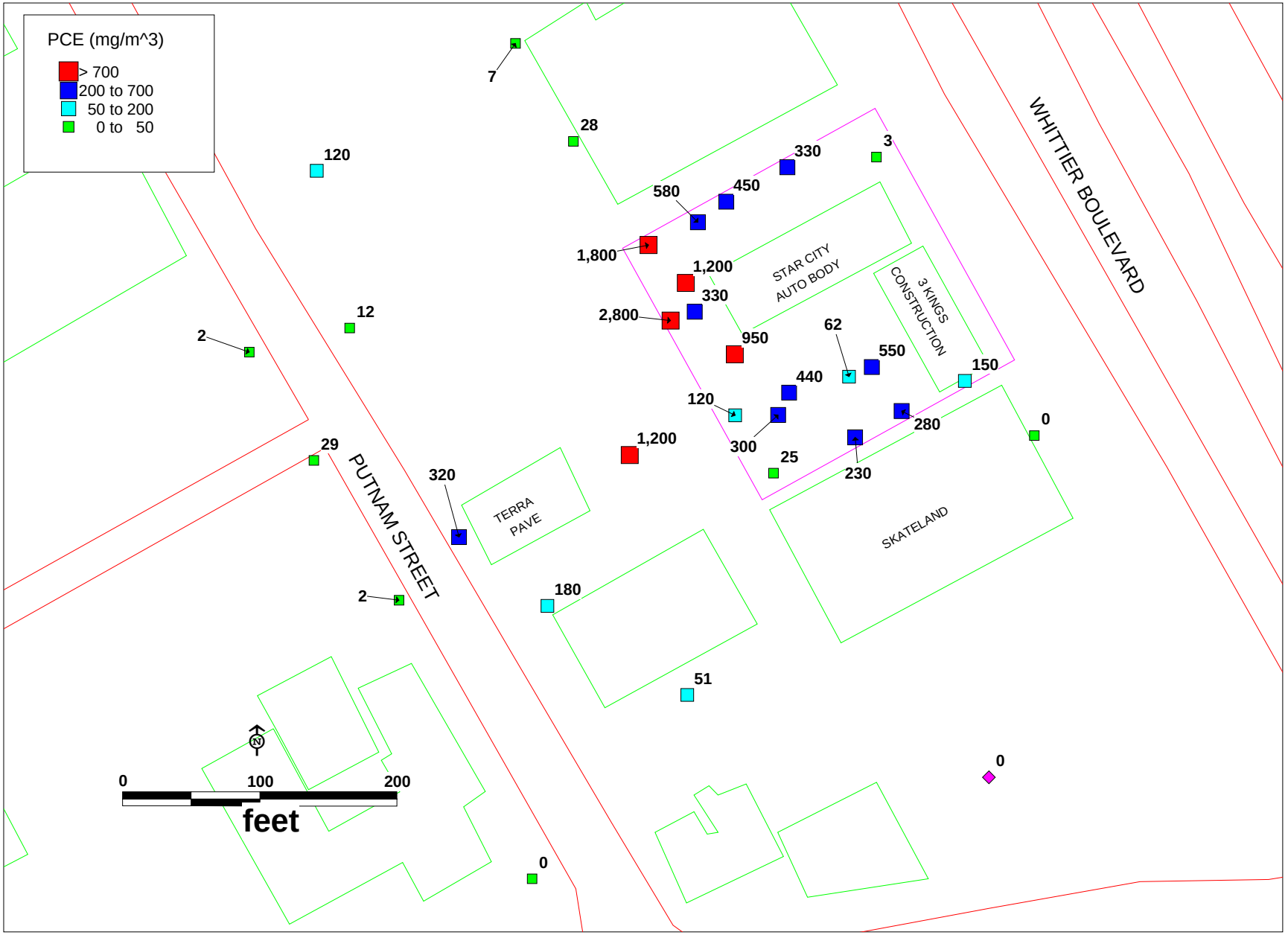


Figure 19 PCE 15 - 30 Feet

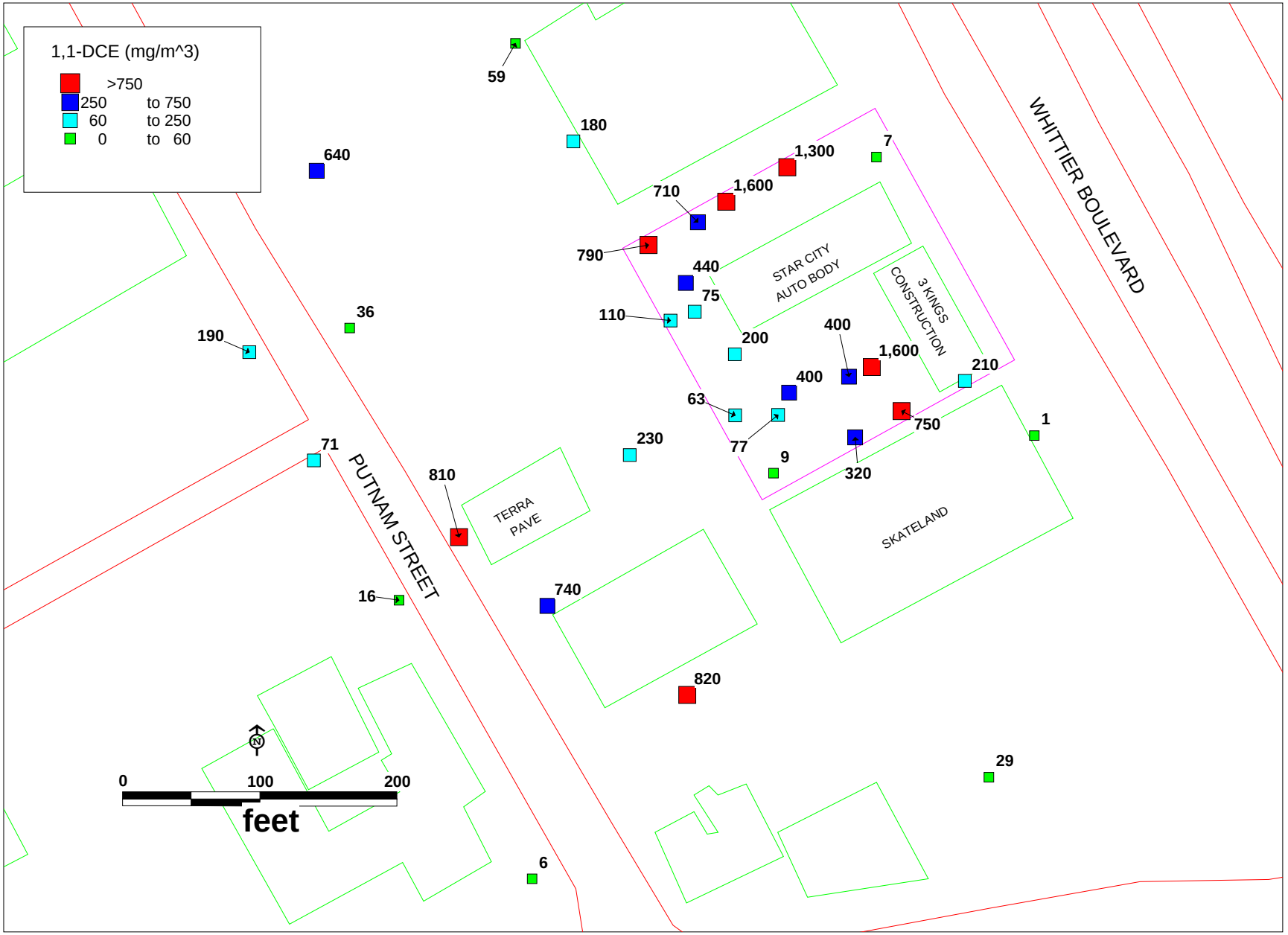


Figure 20 1,1-DCE 15 - 30 Feet

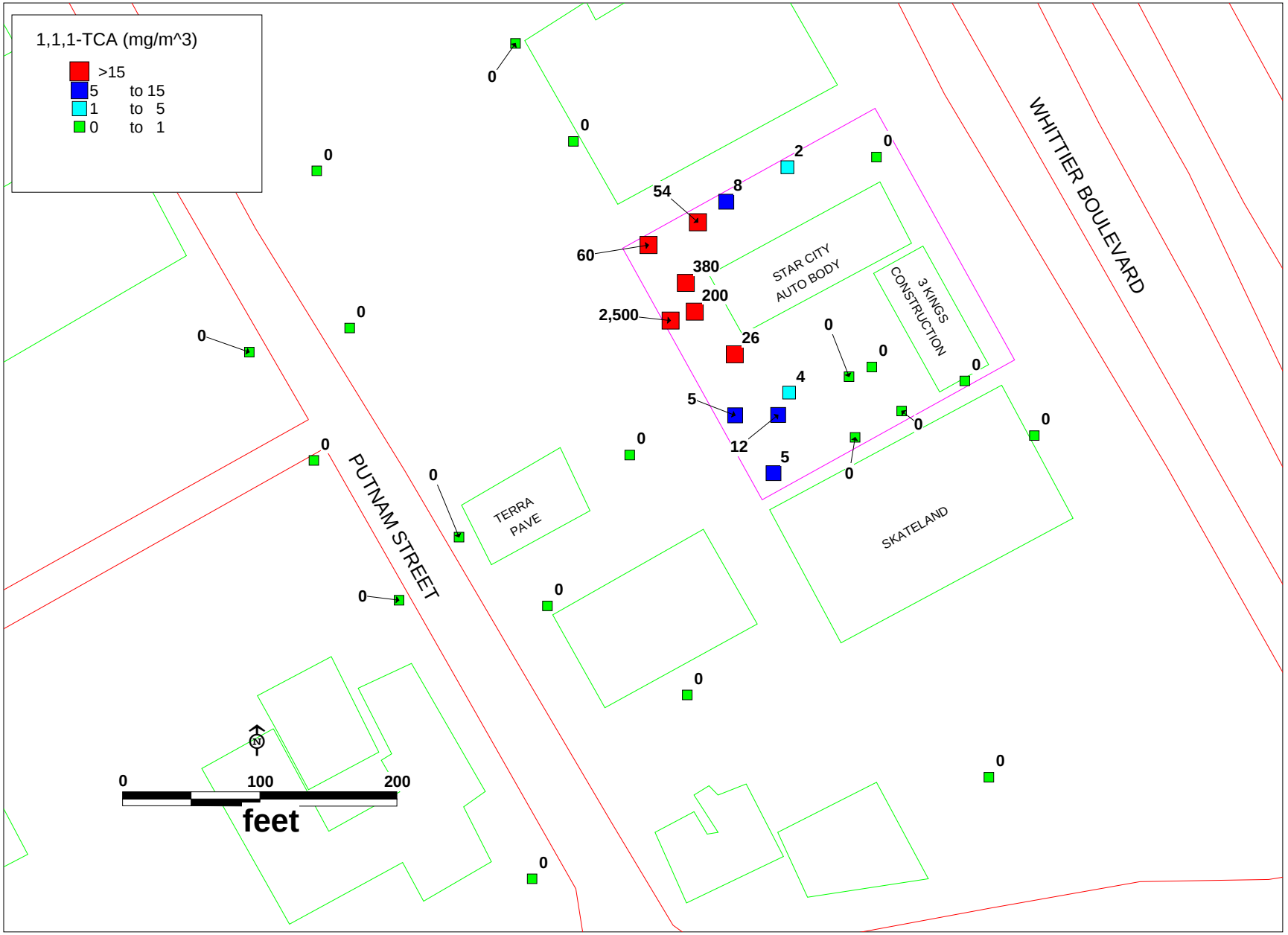


Figure 21 1,1,1-TCA 15 - 30 Feet

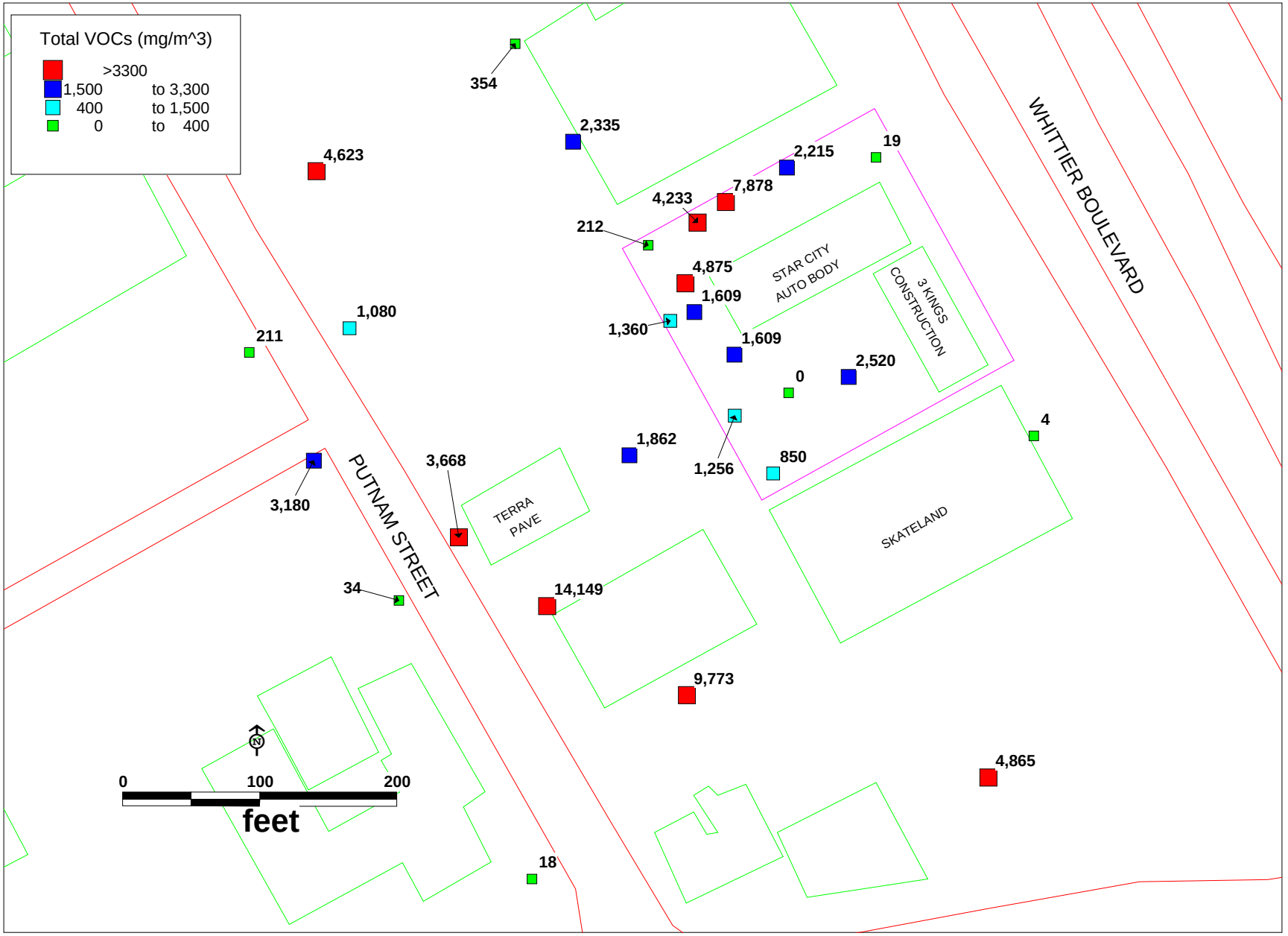


Figure 22 Total VOCs 35 - 59 Feet

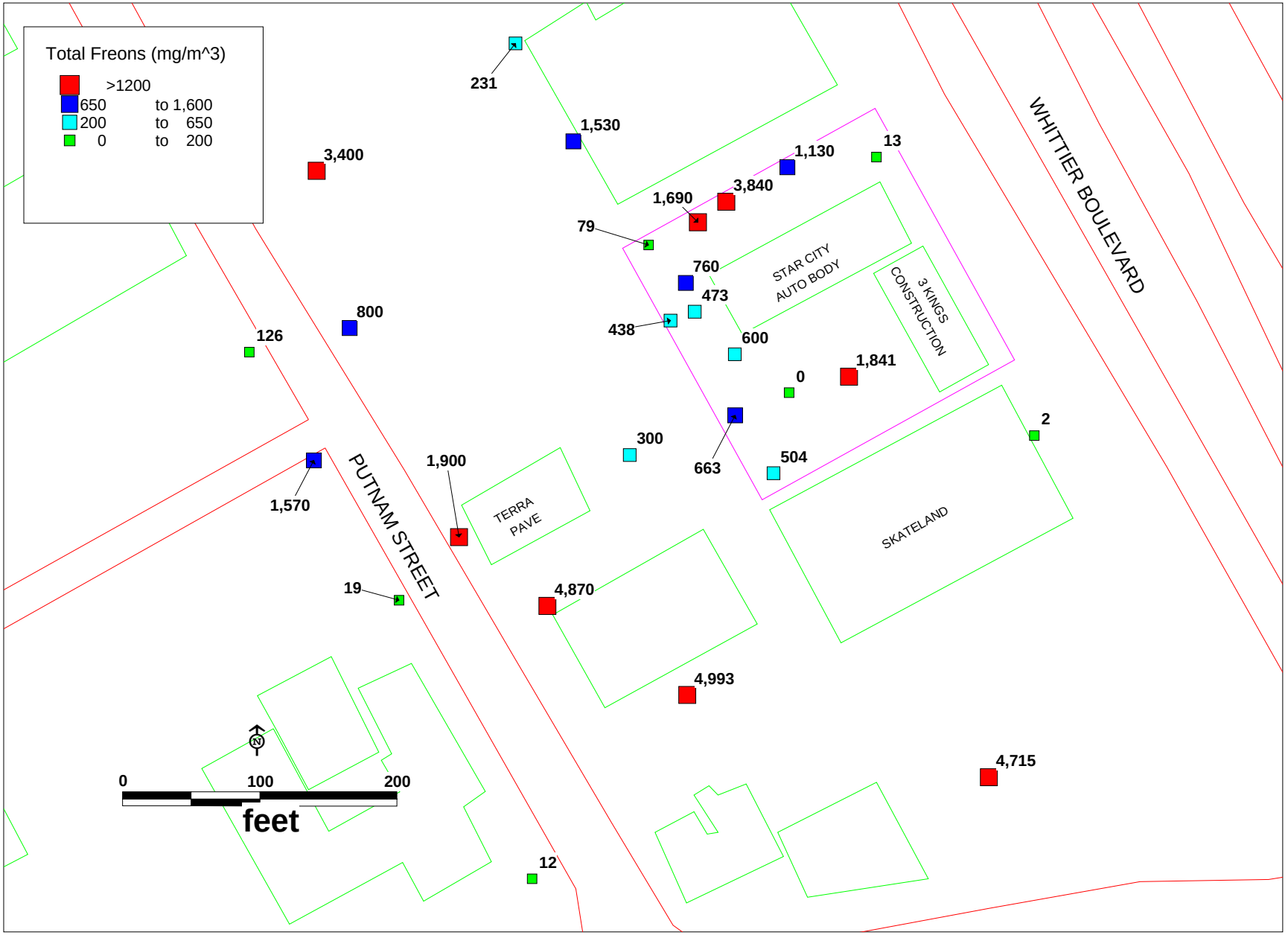


Figure 23 Total Freons 35 - 59 Feet

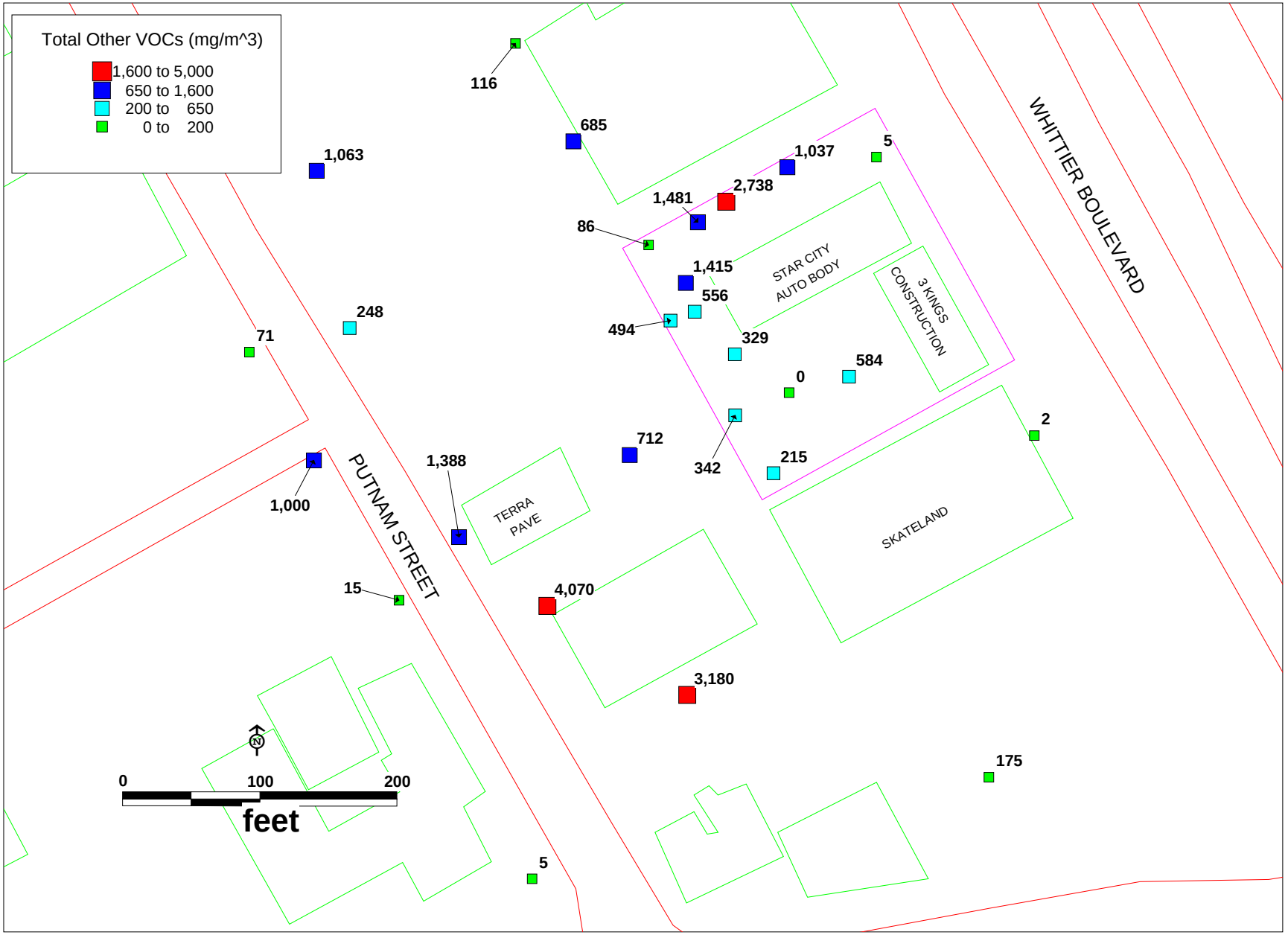


Figure 24 Total Other VOCs (TVOC-PCE-Total Freons) 35 - 59 Feet

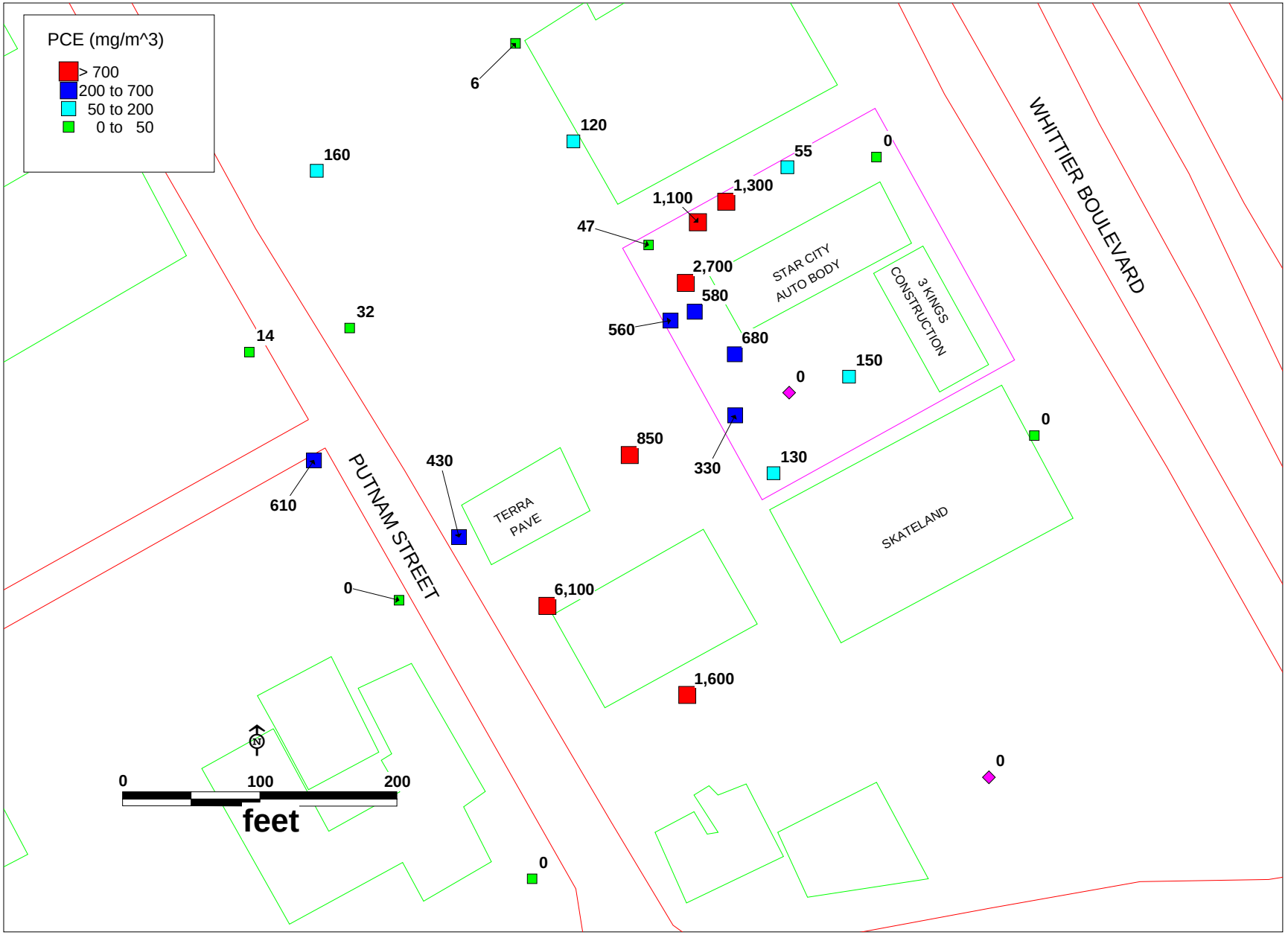


Figure 25 PCE 35 - 59 Feet

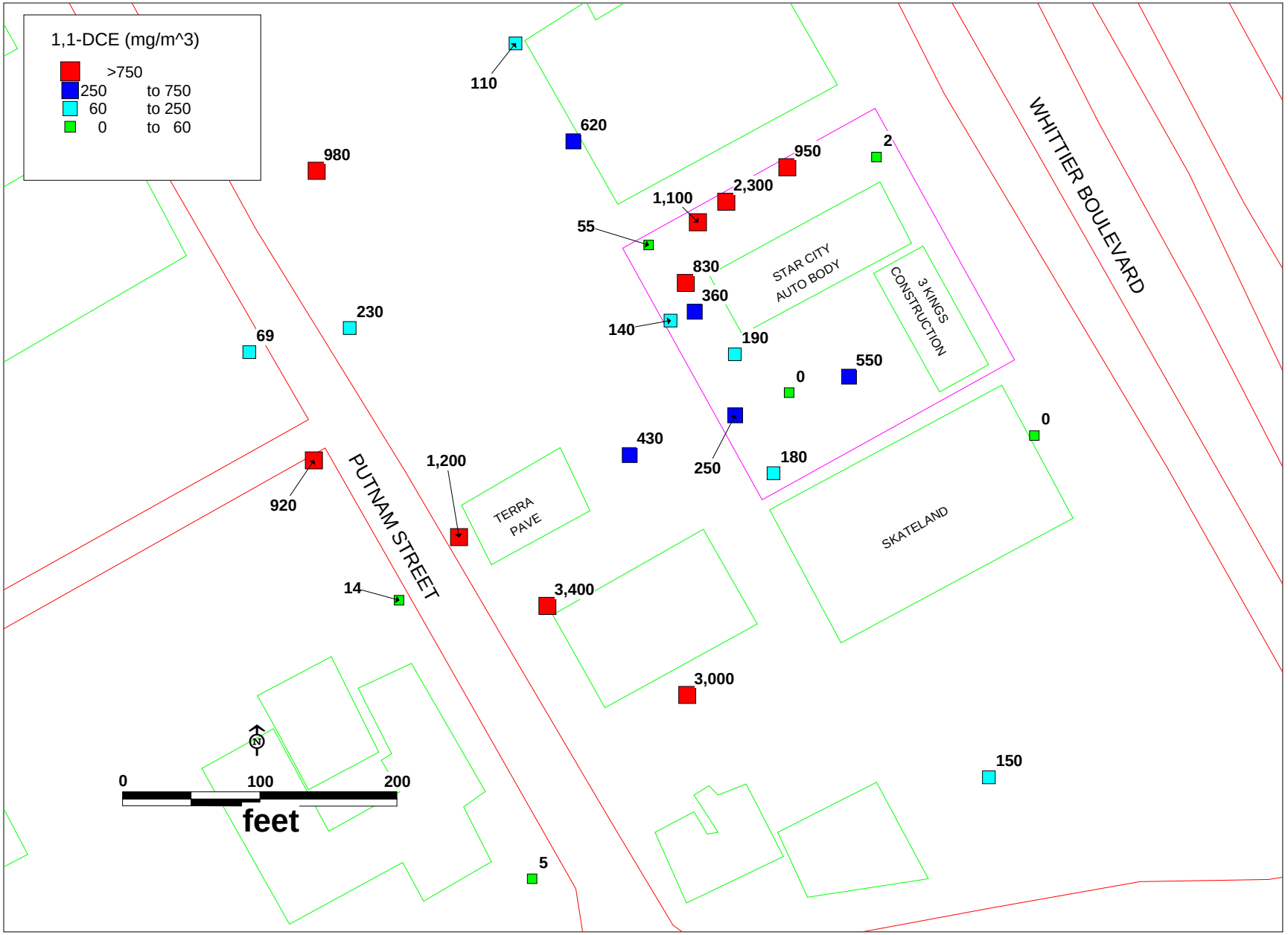


Figure 26 1,1-DCE 35 - 59 Feet

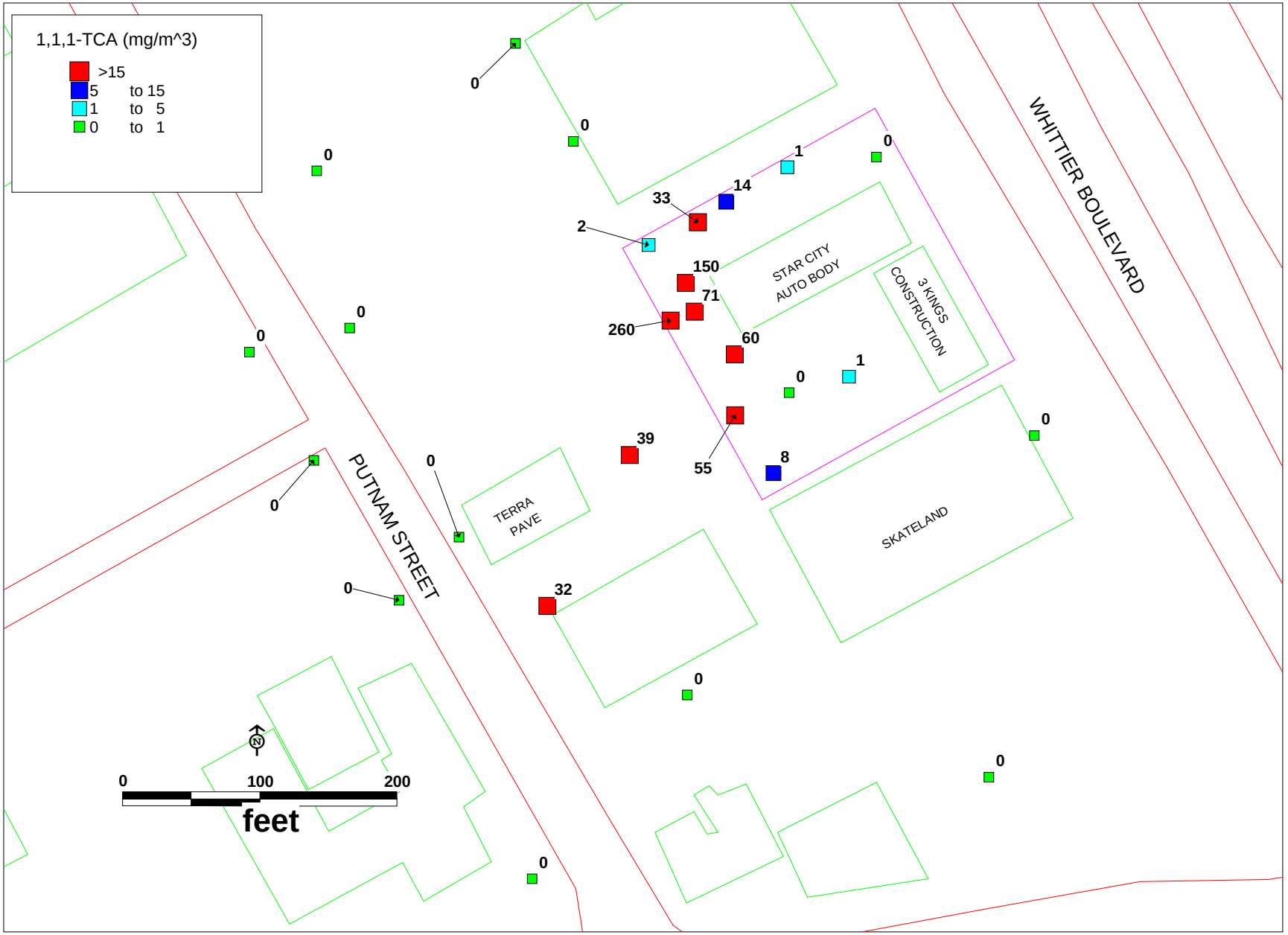


Figure 27 1,1,1-TCA 35 - 59 Feet

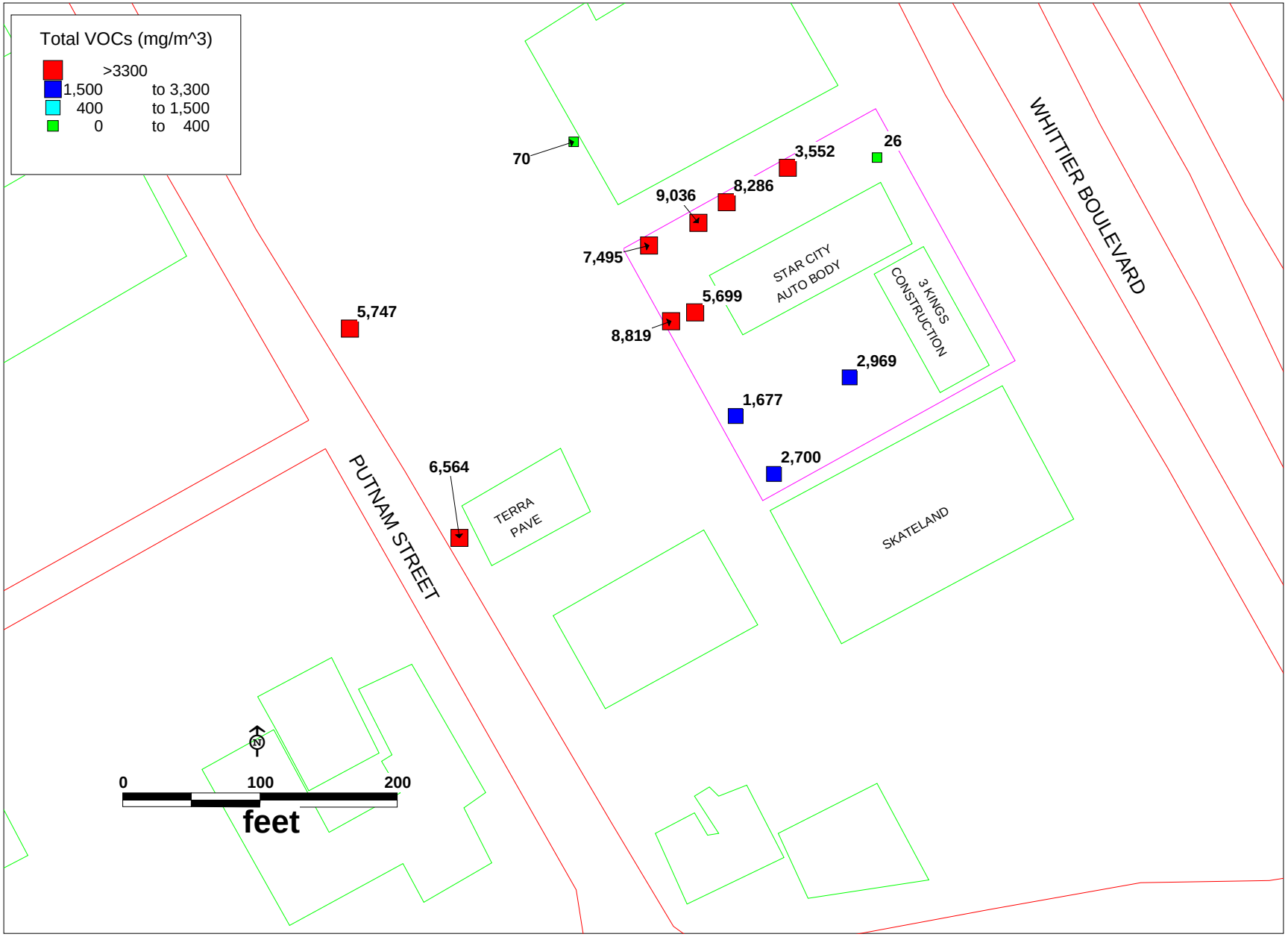


Figure 28 Total VOCs >60 Feet

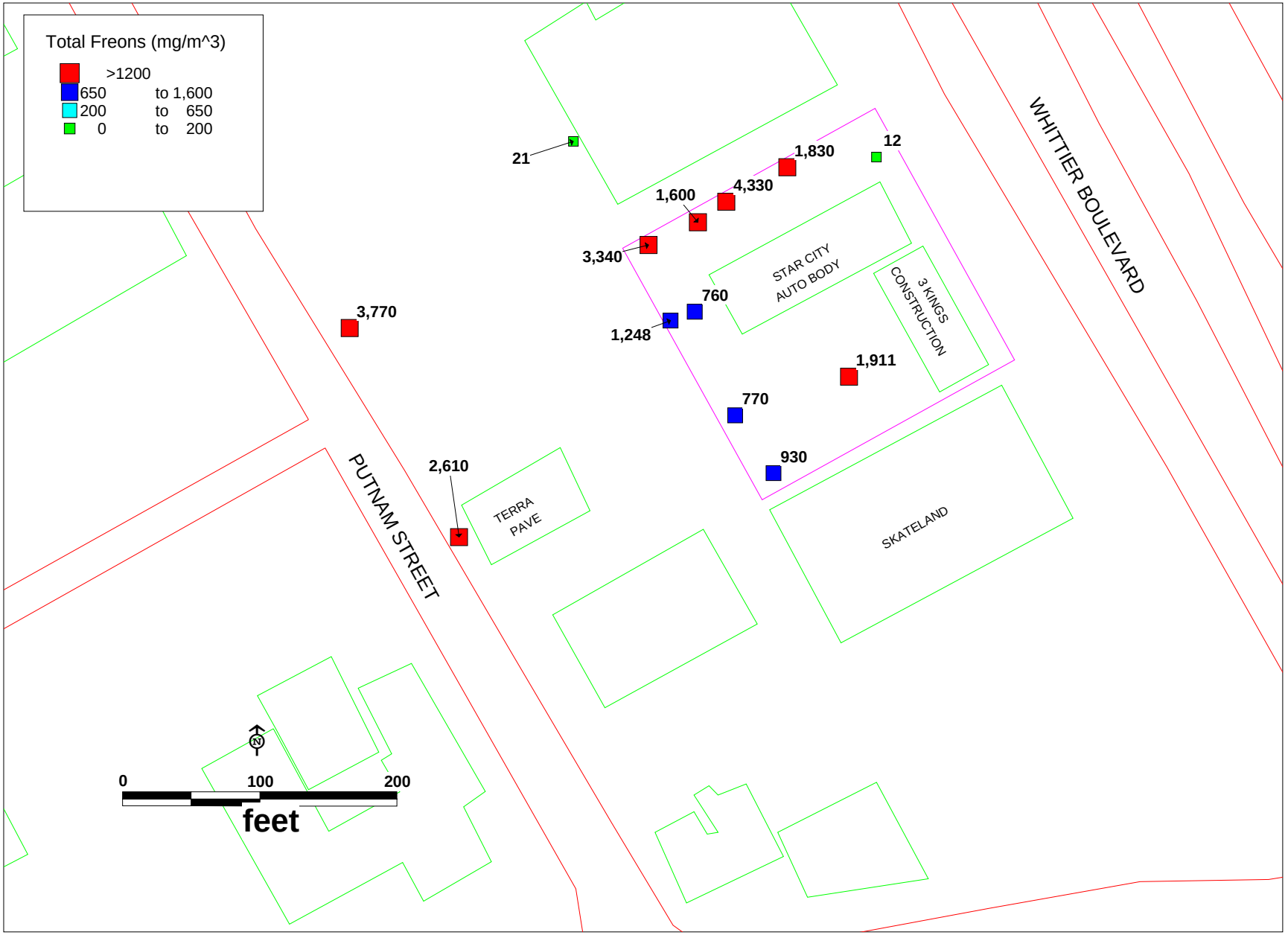


Figure 29 Total Freons >60 Feet

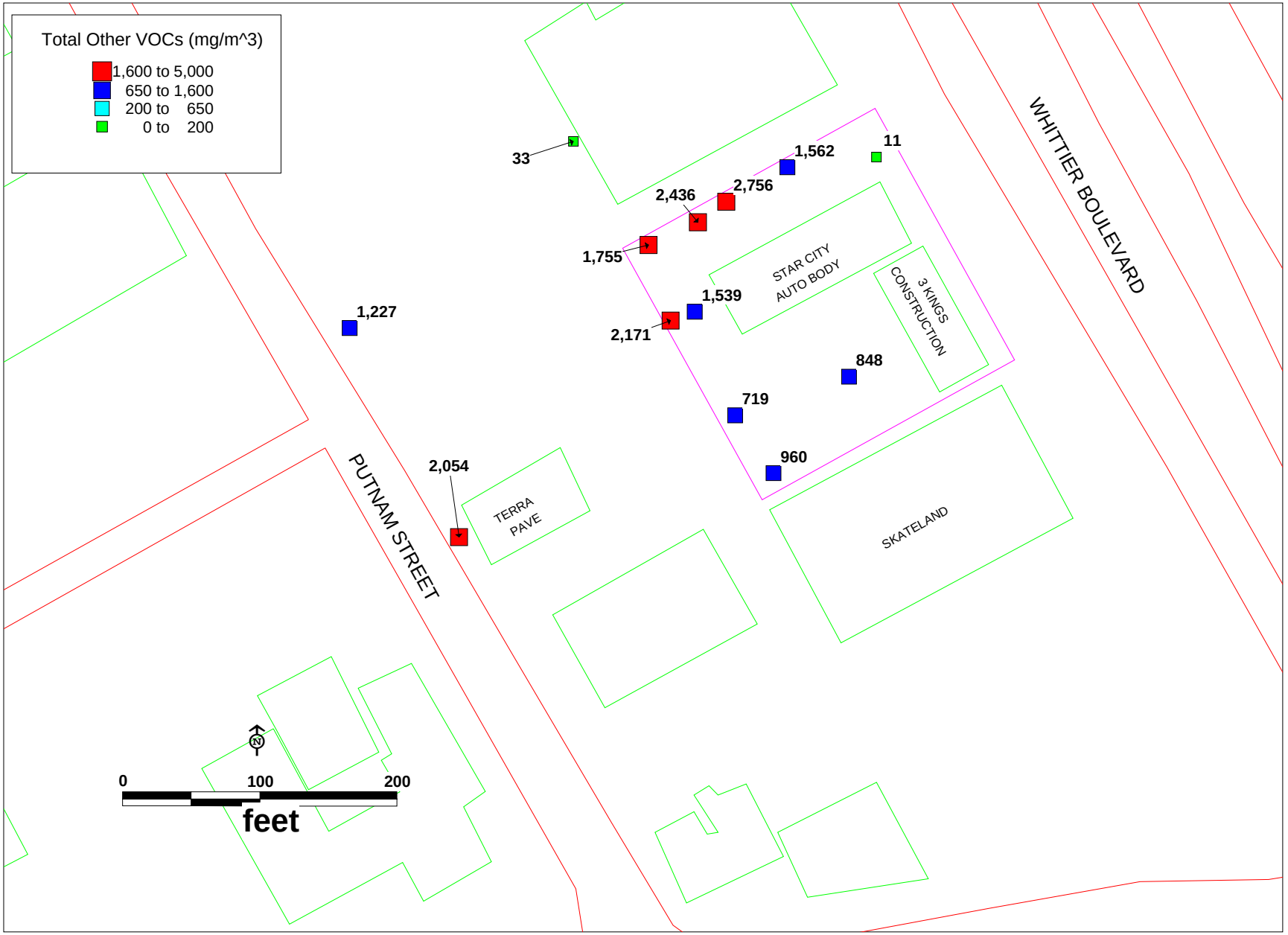


Figure 30 Total Other VOCs (TVOC-PCE-Total Freons) >60 Feet

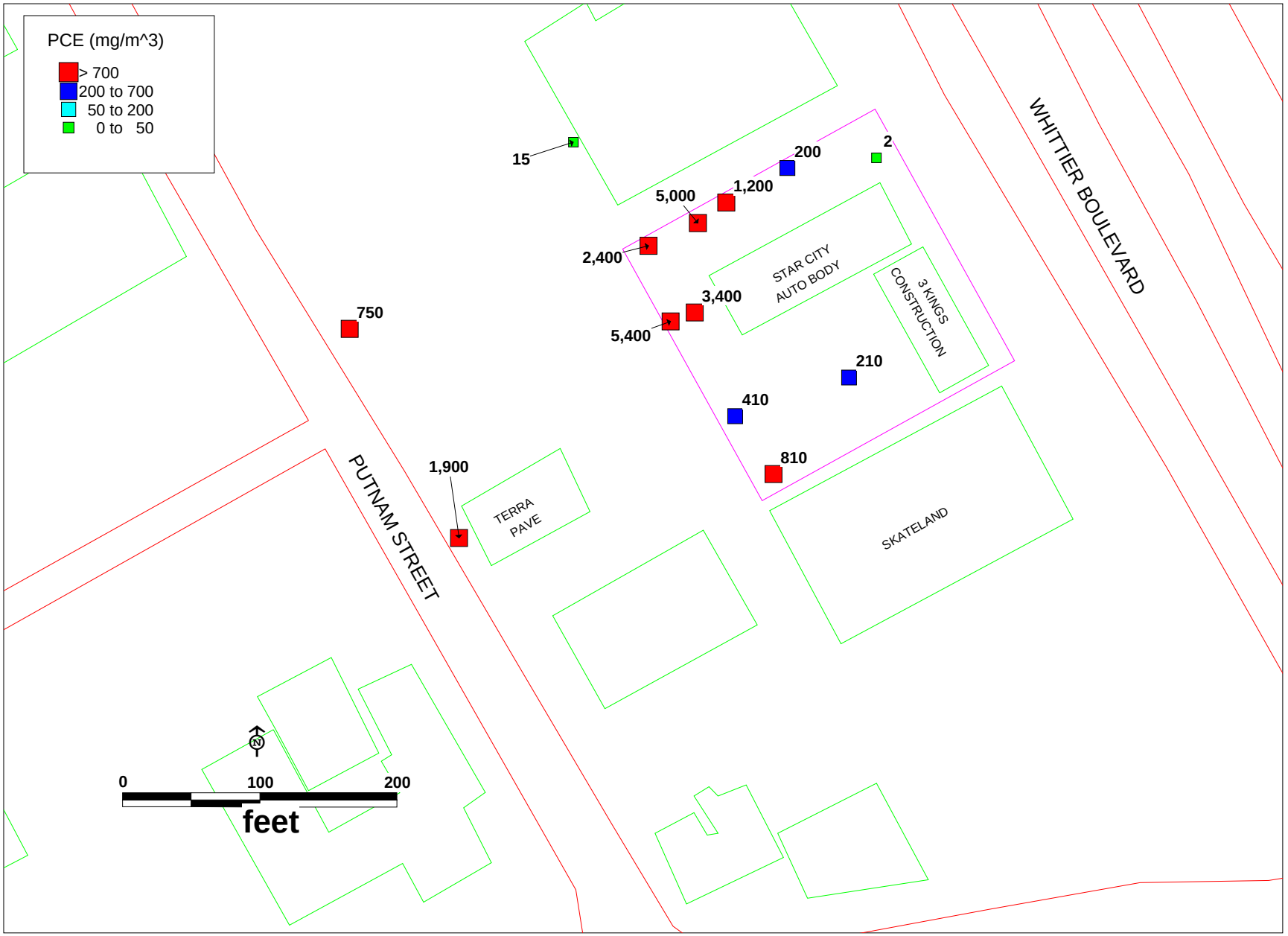


Figure 31 PCE >60 Feet

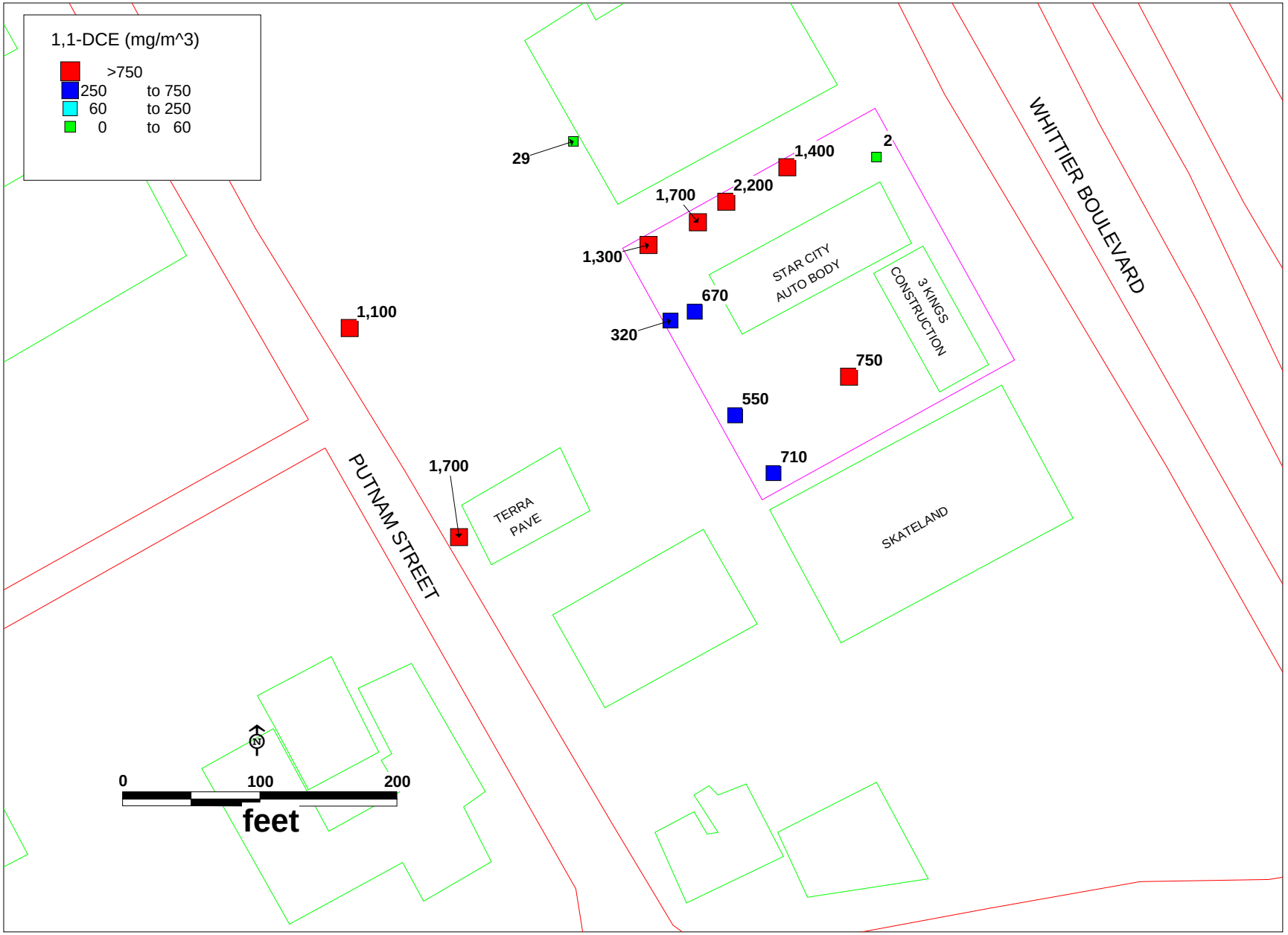


Figure 32 1,1-DCE >60 Feet

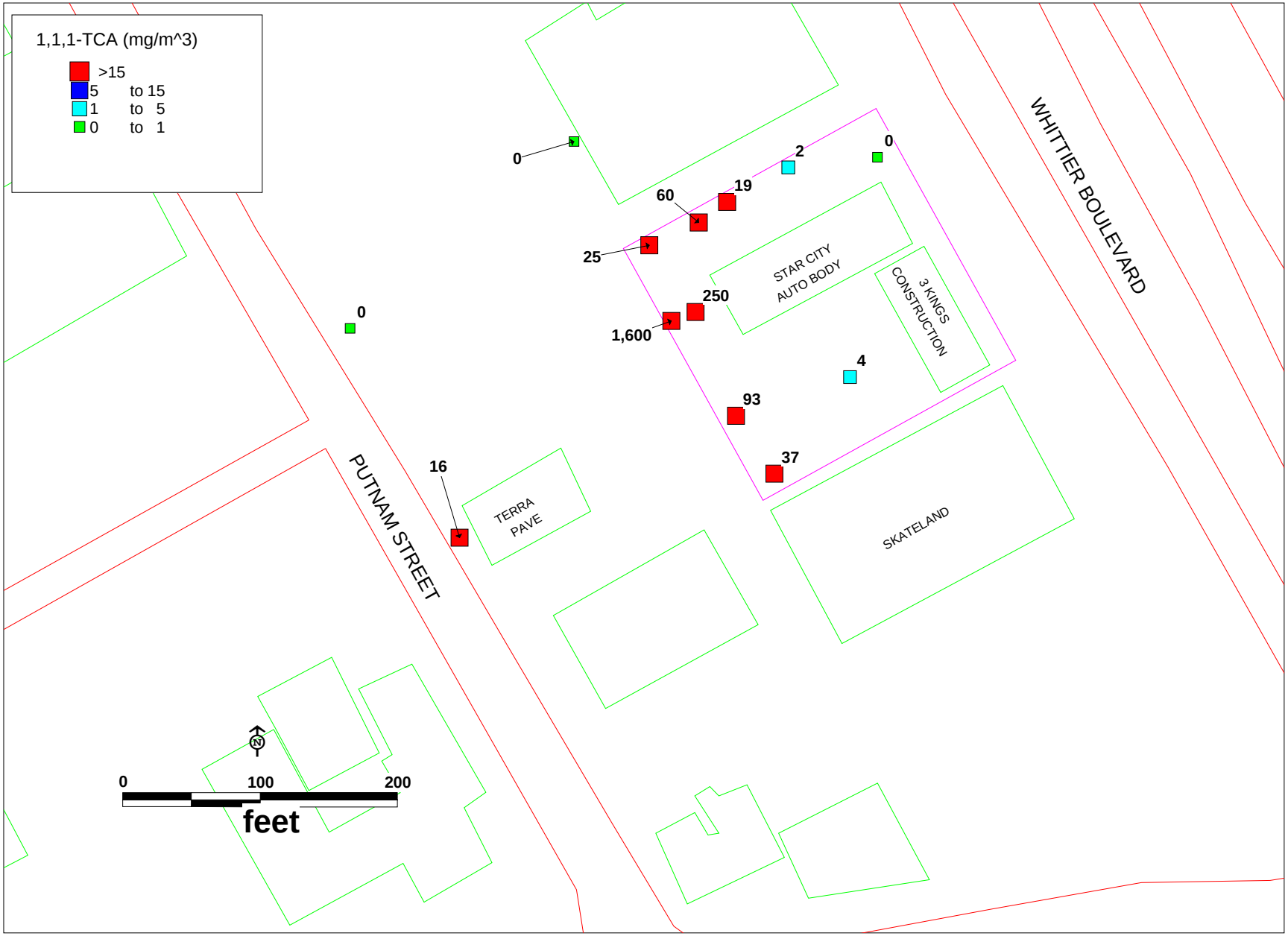


Figure 33 1,1,1-TCA >60 Feet

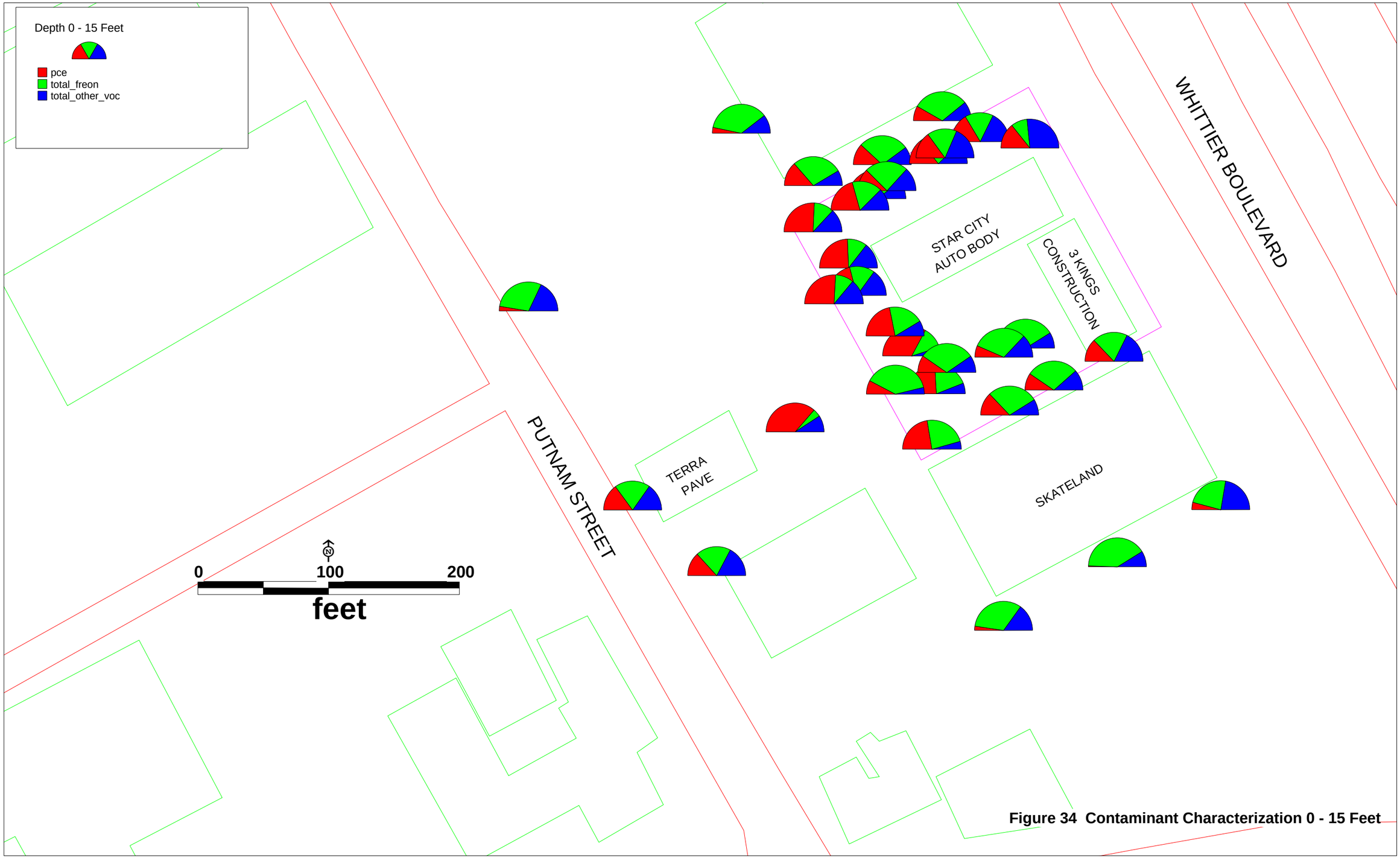


Figure 34 Contaminant Characterization 0 - 15 Feet

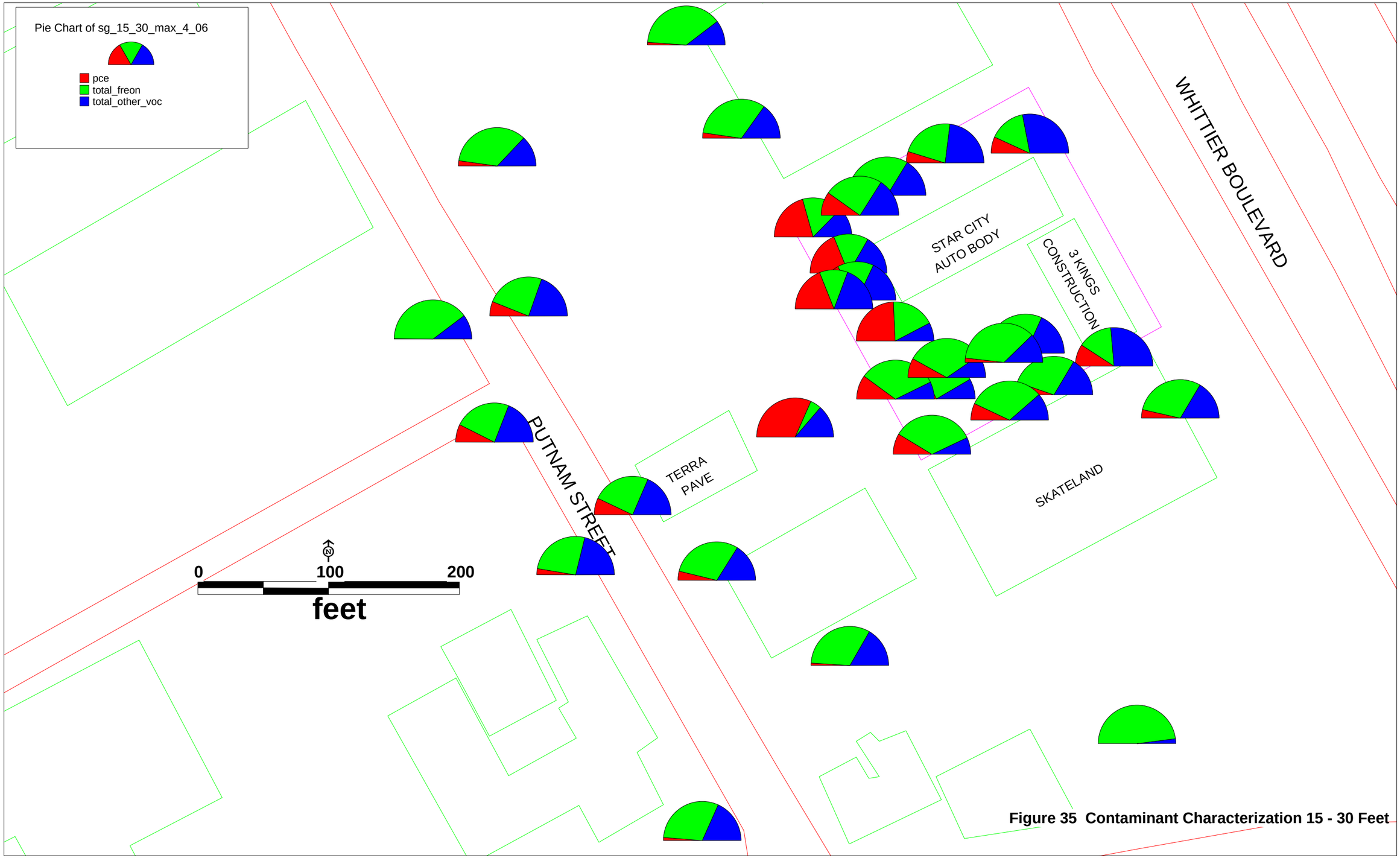


Figure 35 Contaminant Characterization 15 - 30 Feet

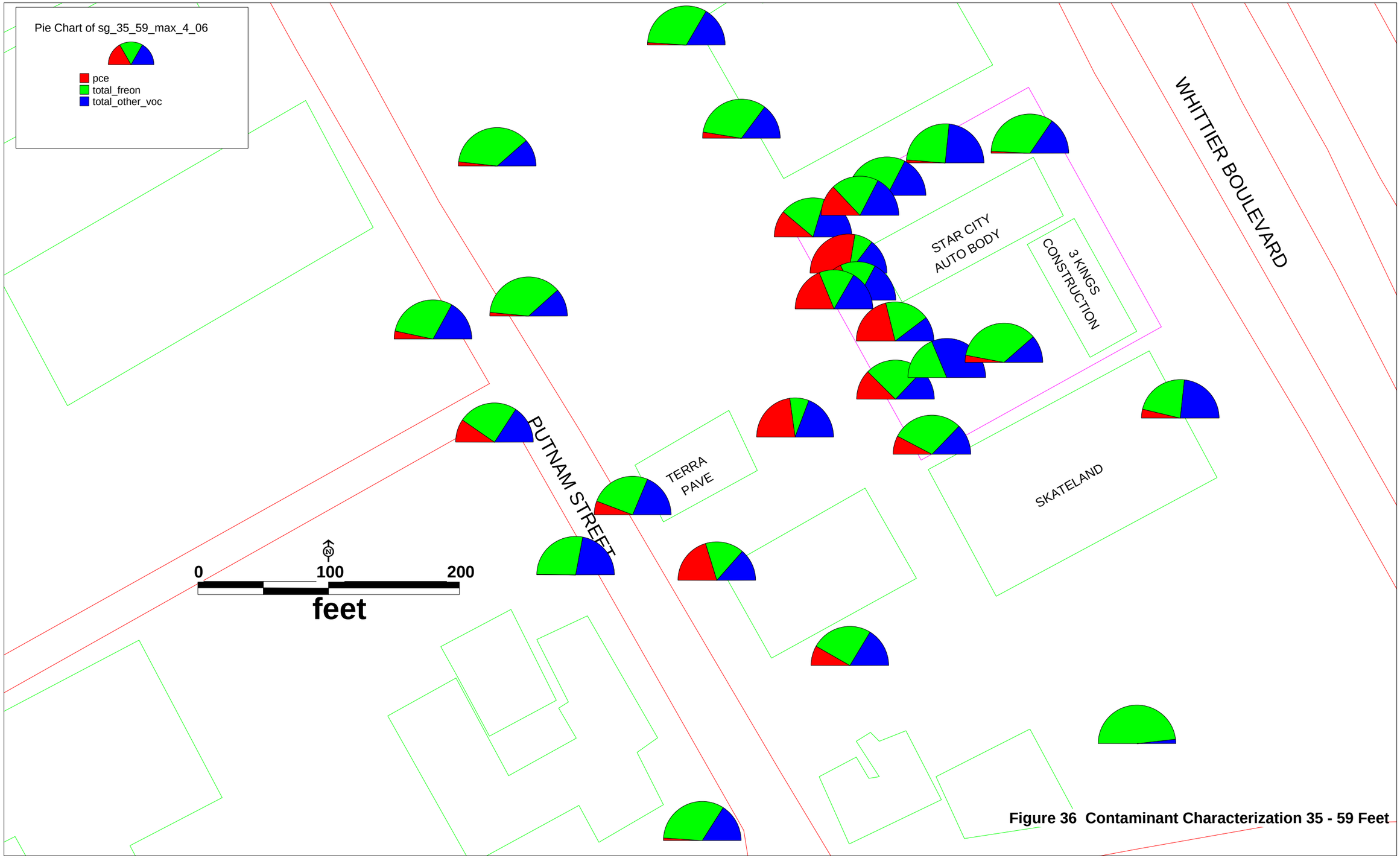


Figure 36 Contaminant Characterization 35 - 59 Feet

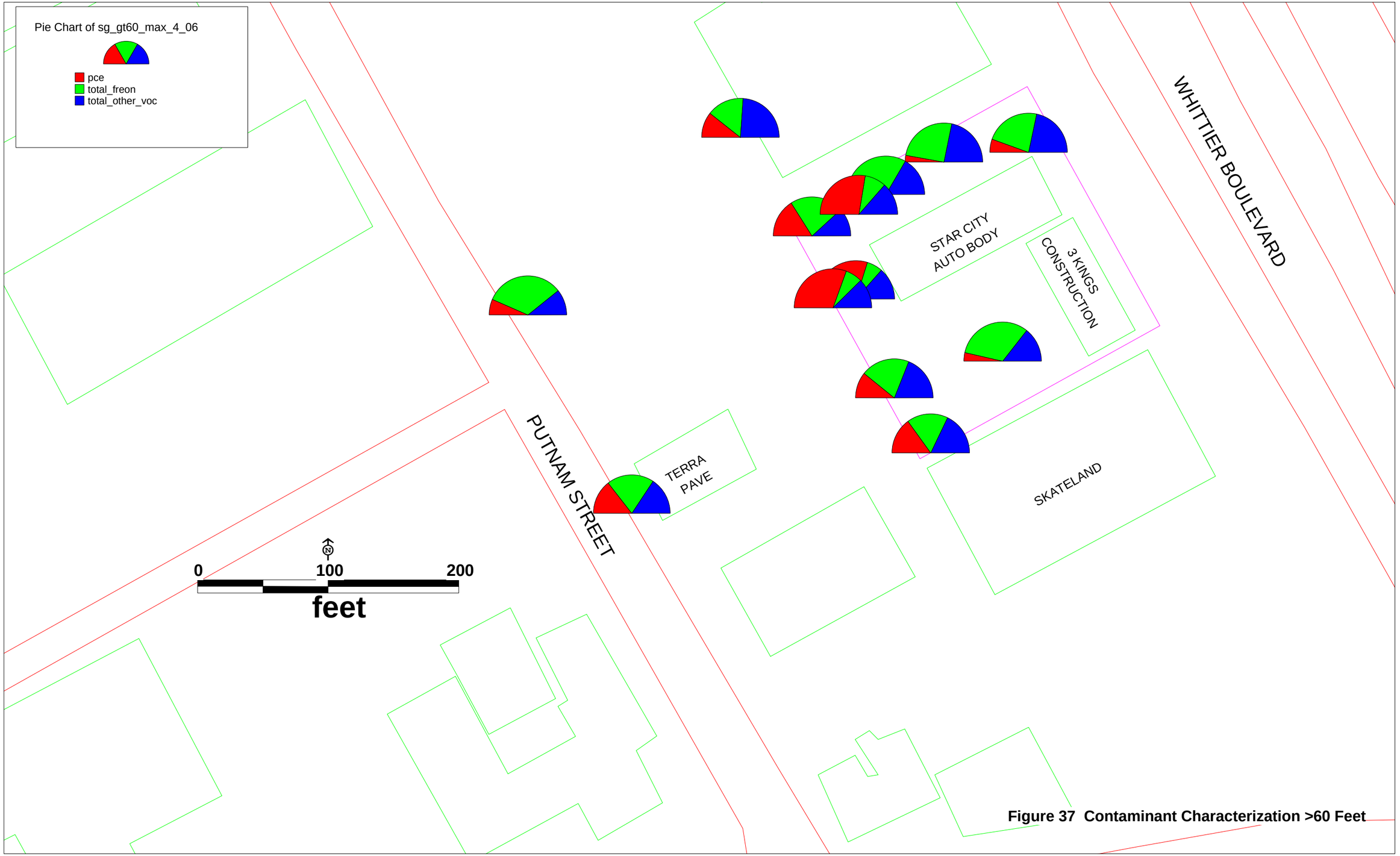


Figure 37 Contaminant Characterization >60 Feet

Figure 38. MIP-8 PID and TVOCs in Adjacent Soil

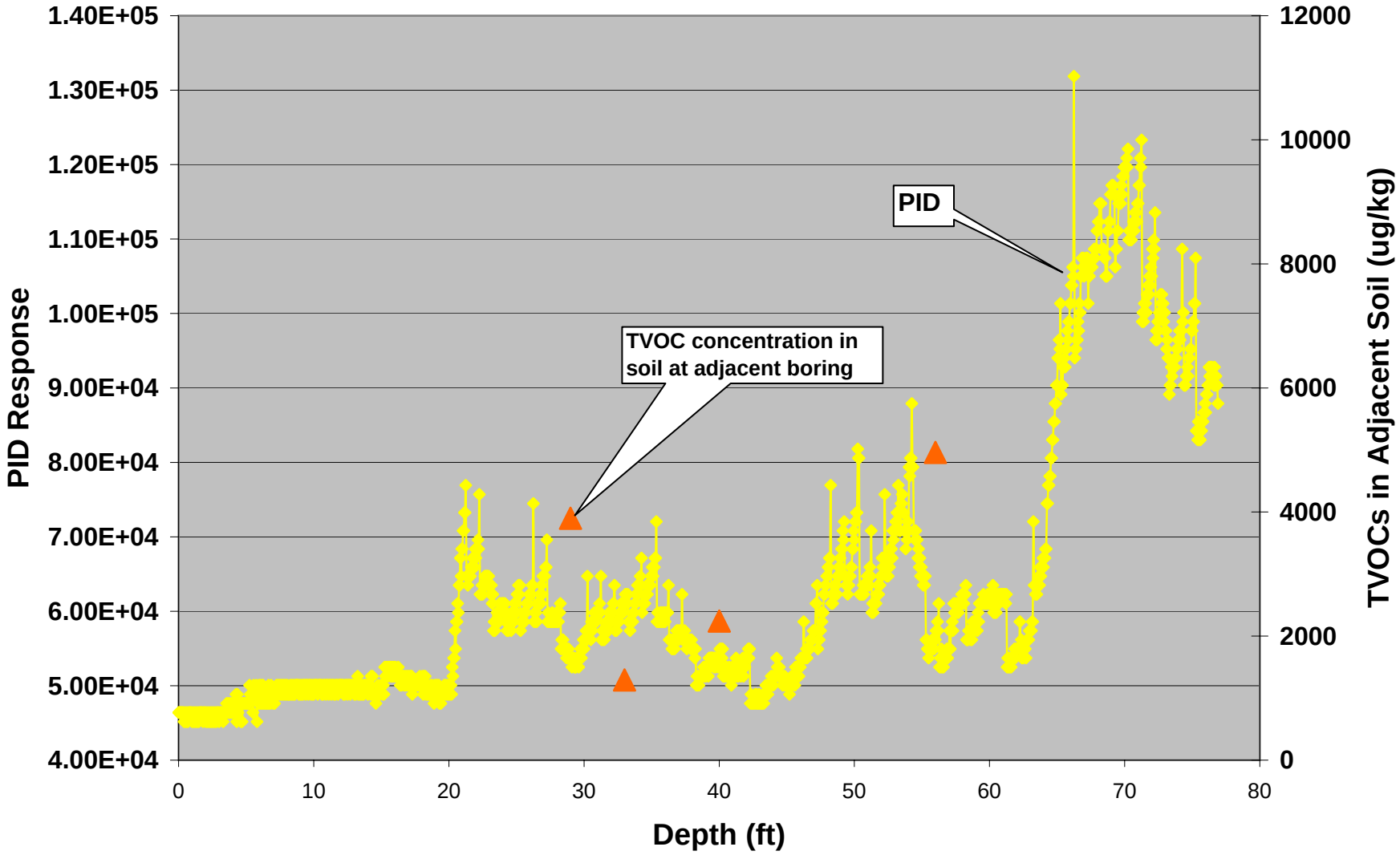


Figure 39. MIP-14 PID and TVOCs in Adjacent Soil

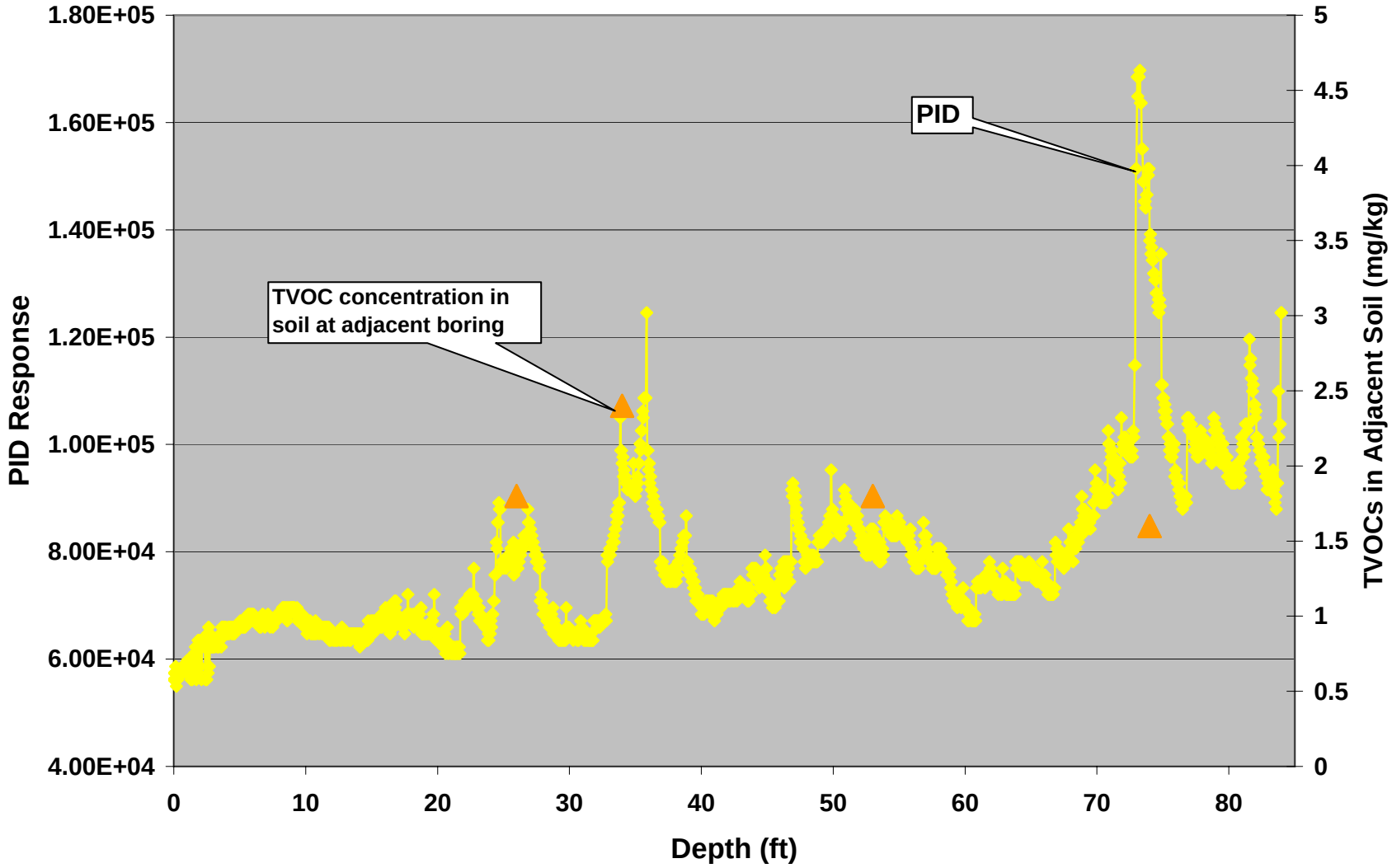


Figure 40. MIP-21 PID and TVOCs in Adjacent Soil

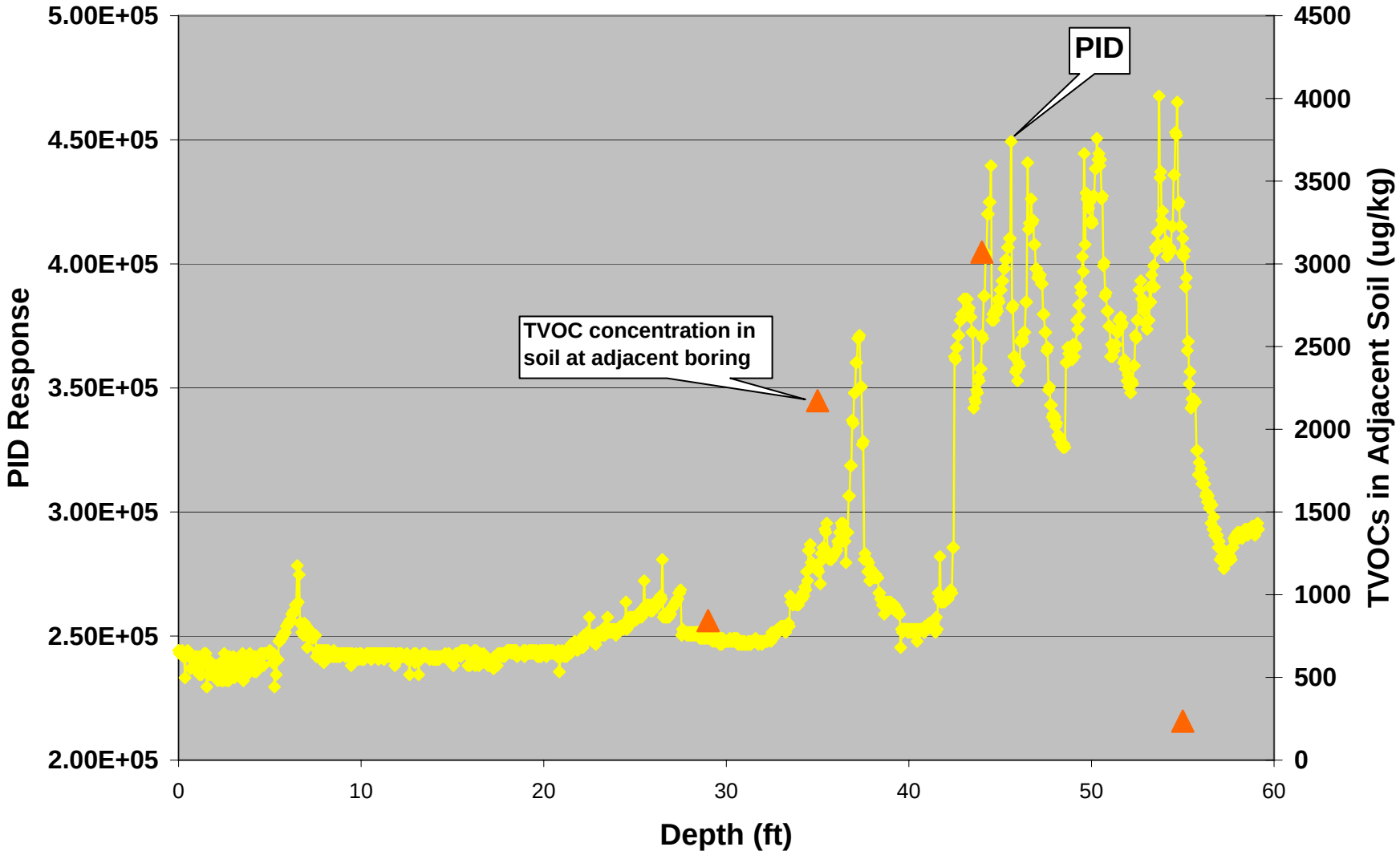


Figure 41. MIP-22 PID and TVOCs in Adjacent Soil

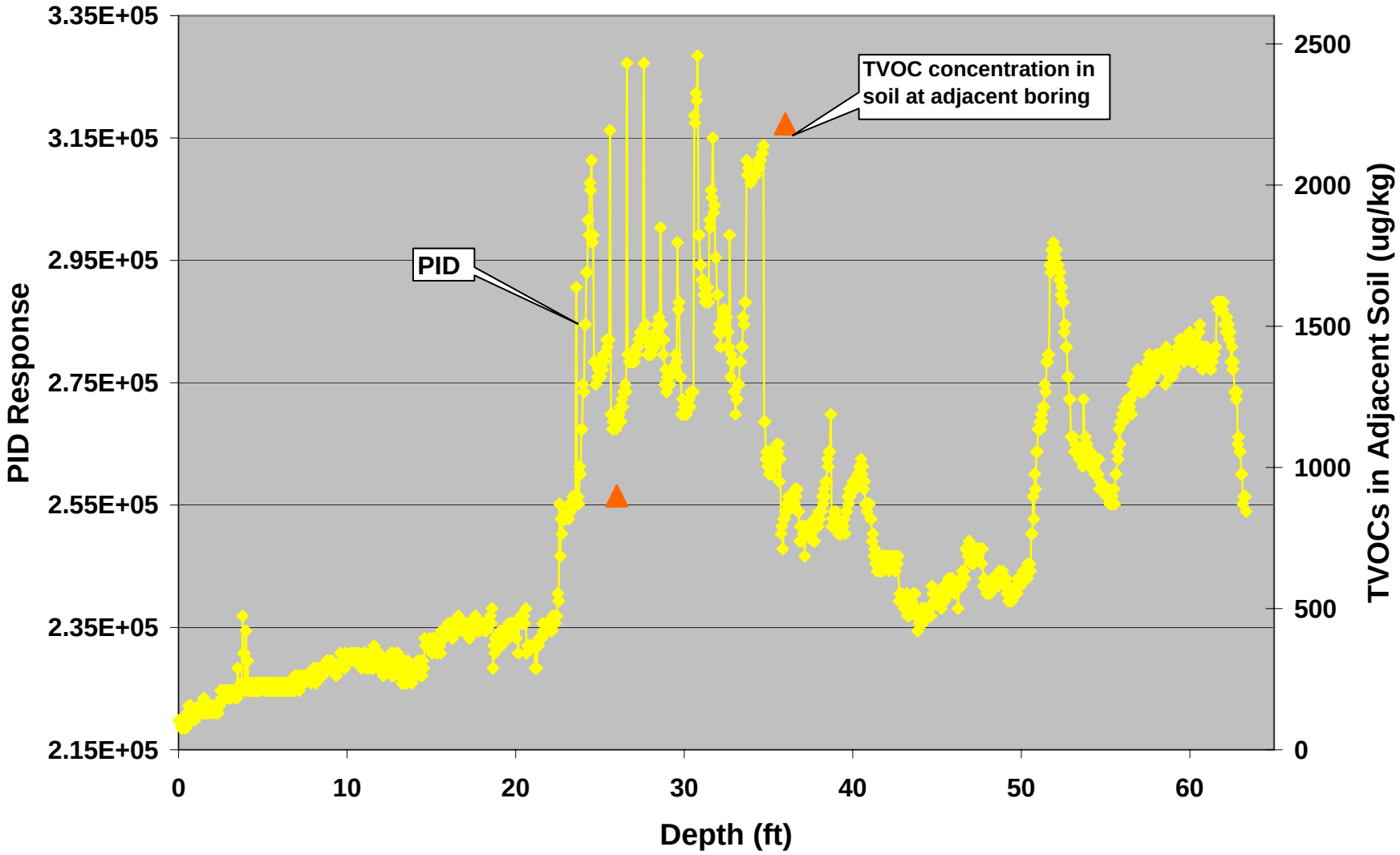
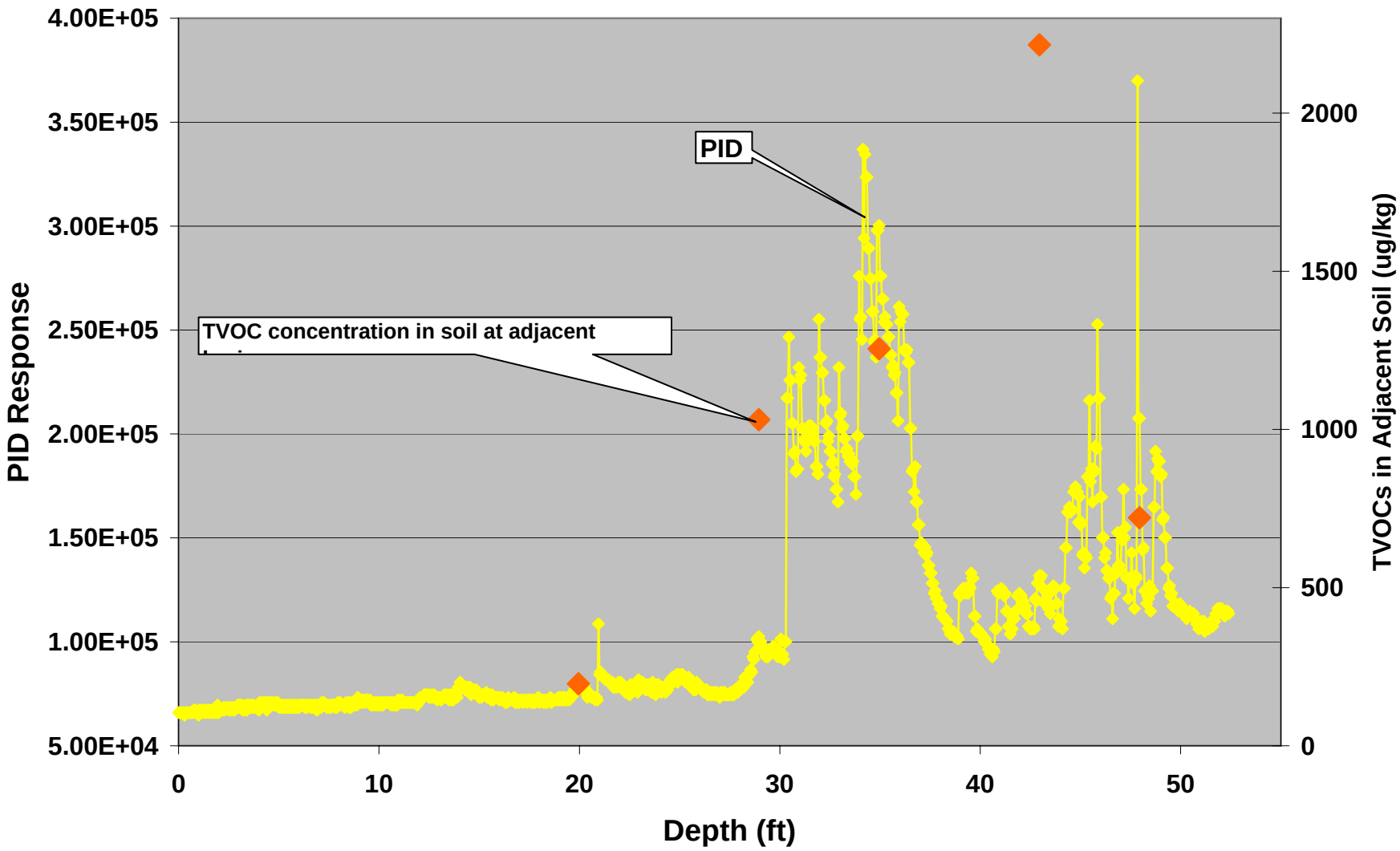


Figure 42. MIP-26 PID and TVOCs in Adjacent Soils



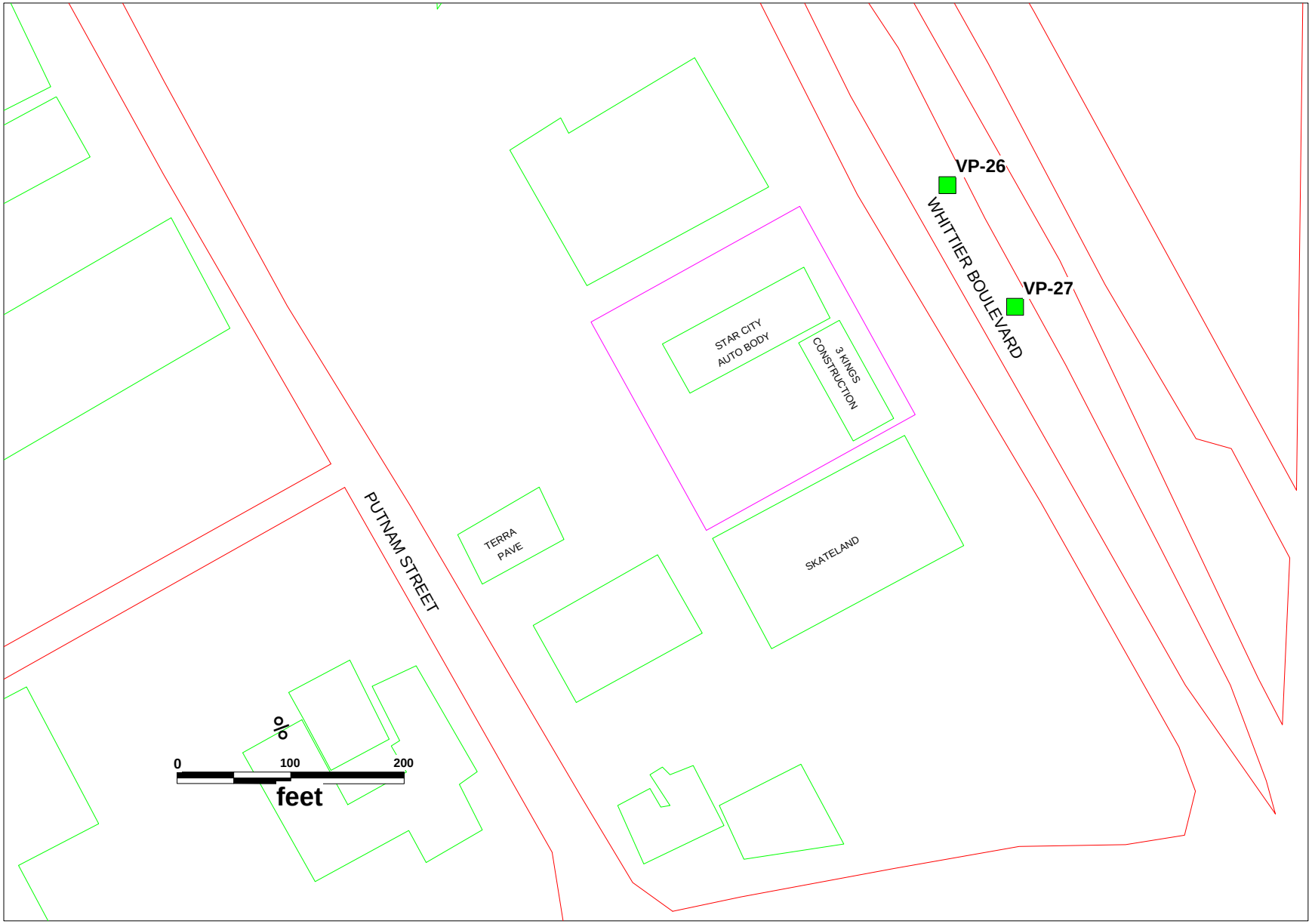


Figure 43 Location of Additional Soil Vapor Probes

TABLES

Table 1
Omega Chemical Superfund Site
Summary of Soil Vapor Analytical Data

Probe Number	VP-20			VP-21						VP-22			VP-23				VP-24			VP-25			VP-28			VP-29			
							Duplicate									Duplicate														Duplicate
Sample Depth (feet bgs)	21.5	29	51	20	29	35	35	43	48	18	27	39	22	29	45	45	27	35	39	25	29	36	20	29	43	22	29	29	48
Analyte Sample Date	06-Mar-06	06-Mar-06	06-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	09-Mar-06	09-Mar-06	09-Mar-06	09-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	07-Mar-06	07-Mar-06	07-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06
Total VOCs	323	311	355	189	178	261	297	3180	940	10	40	34	2	18	18	17	714	4865	4160	9	10	4	934	48	212	1376	2731	2701	4623
1,1,1-Trichloroethane	0.67 U	0.76 U	0.85 U	0.33 U	0.31 U	0.44 U	0.43 U	5.3 U	1.6 U	0.016 U	0.073 U	0.065 U	0.0065 U	0.036 U	0.03 U	0.03 U	1.3 U	8.5 U	8.3 U	0.0093 U	0.01 U	0.0064 U	1.4 U	0.12 U	0.31 U	3.2 U	3.2 U	4.1 U	6.2 U
1,1,2,2-Tetrachloroethane	0.85 U	0.96 U	1.1 U	0.42 U	0.39 U	0.55 U	0.54 U	6.6 U	2 U	0.02 U	0.092 U	0.082 U	0.0082 U	0.045 U	0.038 U	0.038 U	1.6 U	11 U	10 U	0.012 U	0.013 U	0.008 U	1.7 U	0.16 U	0.39 U	4.1 U	4.1 U	5.1 U	7.9 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	190	180	170	74	63	100	120	1300	420	3.6	16	15	0.6	9.2	9.9	9.4	590	4200	3500	3.3	3.8	1.3	600	19	100	810	1500	1500	2800
1,1,2-Trichloroethane	0.67 U	0.76 U	0.85 U	0.33 U	0.31 U	0.44 U	0.43 U	5.3 U	1.6 U	0.016 U	0.073 U	0.065 U	0.0065 U	0.036 U	0.03 U	0.03 U	1.3 U	8.5 U	8.3 U	0.0093 U	0.01 U	0.0064 U	1.4 U	0.12 U	0.31 U	3.2 U	3.2 U	4.1 U	6.2 U
1,1-Dichloroethane	0.5 U	0.56 U	0.63 U	0.24 U	0.23 U	0.32 U	0.32 U	3.9 U	1.2 U	0.012 U	0.054 U	0.048 U	0.0048 U	0.026 U	0.023 U	0.023 U	0.94 U	6.3 U	6.2 U	0.0069 U	0.0075 U	0.0047 U	1 U	0.093 U	0.23 U	2.4 U	2.4 U	3 U	4.6 U
1,1-Dichloroethene	59	56	110	63	71	90	98	920	300	3.9	16	14	0.5	6.1	5.2	4.9	29	150	140	0.96	1	0.39	190	17	69	290	640	620	980
1,2,4-Trichlorobenzene	3.7 U	4.1 U	4.6 U	1.8 U	1.7 U	2.4 U	2.4 U	29 U	8.9 U	0.087 U	0.4 U	0.36 U	0.035 U	0.19 U	0.17 U	0.17 U	6.9 U	46 U	45 U	0.051 U	0.055 U	0.034 U	7.4 U	0.68 U	1.7 U	18 U	18 U	22 U	34 U
1,2,4-Trimethylbenzene	0.61 U	0.68 U	0.76 U	0.3 U	0.28 U	0.4 U	0.39 U	4.8 U	1.5 U	0.016 U	0.066 U	0.059 U	0.009	0.032 U	0.028 U	0.028 U	1.1 U	7.6 U	7.5 U	0.0084 U	0.0092 U	0.024	1.2 U	0.11 U	0.28 U	2.9 U	2.9 U	3.7 U	5.6 U
1,2-Dibromoethane	0.95 U	1.1 U	1.2 U	0.46 U	0.44 U	0.62 U	0.61 U	7.4 U	2.3 U	0.022 U	0.1 U	0.092 U	0.0091 U	0.05 U	0.043 U	0.043 U	1.8 U	12 U	12 U	0.013 U	0.014 U	0.009 U	1.9 U	0.18 U	0.44 U	4.6 U	4.6 U	5.7 U	8.8 U
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	0.86 U	0.98 U	1.1 U	0.42 U	0.4 U	0.56 U	0.56 U	6.8 U	2.1 U	0.02 U	0.094 U	0.084 U	0.0083 U	0.046 U	0.039 U	0.039 U	1.6 U	11 U	11 U	0.012 U	0.013 U	0.0081 U	1.7 U	0.16 U	0.4 U	4.2 U	4.2 U	5.2 U	8 U
1,2-Dichlorobenzene	0.74 U	0.84 U	0.93 U	0.36 U	0.34 U	0.48 U	0.48 U	5.8 U	1.8 U	0.018 U	0.081 U	0.072 U	0.0072 U	0.039 U	0.034 U	0.034 U	1.4 U	9.3 U	9.2 U	0.01 U	0.011 U	0.007 U	1.5 U	0.14 U	0.34 U	3.6 U	3.6 U	4.5 U	6.9 U
1,2-Dichloroethane	0.5 U	0.56 U	0.63 U	0.24 U	0.23 U	0.32 U	0.32 U	3.9 U	1.2 U	0.012 U	0.054 U	0.048 U	0.0048 U	0.026 U	0.023 U	0.023 U	0.94 U	6.3 U	6.2 U	0.0069 U	0.0075 U	0.0047 U	1 U	0.093 U	0.23 U	2.4 U	2.4 U	3 U	4.6 U
1,2-Dichloropropane	0.57 U	0.64 U	0.72 U	0.28 U	0.26 U	0.37 U	0.37 U	4.5 U	1.4 U	0.014 U	0.062 U	0.055 U	0.0055 U	0.03 U	0.026 U	0.026 U	1.1 U	7.2 U	7 U	0.0079 U	0.0086 U	0.0054 U	1.2 U	0.1 U	0.26 U	2.7 U	2.7 U	3.4 U	5.3 U
1,3,5-Trimethylbenzene	0.61 U	0.68 U	0.76 U	0.3 U	0.28 U	0.4 U	0.39 U	4.8 U	1.5 U	0.014 U	0.066 U	0.059 U	0.0058 U	0.032 U	0.028 U	0.028 U	1.1 U	7.6 U	7.5 U	0.0084 U	0.0092 U	0.01	1.2 U	0.11 U	0.28 U	2.9 U	2.9 U	3.7 U	5.6 U
1,3-Butadiene	0.27 U	0.31 U	0.34 U	0.13 U	0.13 U	0.18 U	0.18 U	2.1 U	0.66 U	0.0065 U	0.03 U	0.026 U	0.032	0.048	0.078	0.077	0.52 U	3.4 U	3.4 U	0.029	0.01	0.0092	0.55 U	0.051 U	0.13 U	1.3 U	1.3 U	1.6 U	2.5 U
1,3-Dichlorobenzene	0.74 U	0.84 U	0.93 U	0.36 U	0.34 U	0.48 U	0.48 U	5.8 U	1.8 U	0.018 U	0.081 U	0.072 U	0.0072 U	0.039 U	0.034 U	0.034 U	1.4 U	9.3 U	9.2 U	0.01 U	0.011 U	0.007 U	1.5 U	0.14 U	0.34 U	3.6 U	3.6 U	4.5 U	6.9 U
1,4-Dichlorobenzene	0.74 U	0.84 U	0.93 U	0.36 U	0.34 U	0.48 U	0.48 U	5.8 U	1.8 U	0.018 U	0.081 U	0.072 U	0.0072 U	0.039 U	0.034 U	0.034 U	1.4 U	9.3 U	9.2 U	0.01 U	0.011 U	0.007 U	1.5 U	0.14 U	0.34 U	3.6 U	3.6 U	4.5 U	6.9 U
1,4-Dioxane	1.8 U	2 U	2.2 U	0.87 U	0.82 U	1.2 U	1.1 U	14 U	4.3 U	0.042 U	0.19 U	0.17 U	0.017 U	0.094 U	0.081 U	0.081 U	3.4 U	22 U	22 U	0.024 U	0.027 U	0.023	3.6 U	0.33 U	0.82 U	8.6 U	8.6 U	11 U	16 U
2,2,4-Trimethylpentane	0.58 U	0.65 U	0.73 U	0.28 UJ	0.27 UJ	0.38 UJ	0.37 UJ	4.5 UJ	1.4 UJ	0.014 J	0.063 UJ	0.056 UJ	0.0073 J	0.03 UJ	0.026 UJ	0.026 UJ	1.1 U	7.3 U	7.1 U	0.047	0.018	0.025	1.2 U	0.11 U	0.27 U	2.8 U	2.8 U	3.5 U	5.3 U
2-Butanone	0.36 U	0.41 U	0.46 U	0.18 U	0.17 U	0.24 U	0.23 U	2.9 U	0.88 U	0.079	0.1	0.25	0.054	0.083	0.082	0.084	0.69 U	4.6 U	4.5 U	0.076	0.061	0.1	0.73 U	0.068 U	0.17 U	1.8 U	1.8 U	2.2 U	3.4 U
2-Hexanone	2 U	2.3 U	2.5 U	0.99 U	0.93 U	1.3 U	1.3 U	16 U	4.9 U	0.048 U	0.22 U	0.2 U	0.019 U	0.11 U	0.092 U	0.092 U	3.8 U	25 U	25 U	0.028 U	0.03 U	0.019 U	4.1 U	0.38 U	0.93 U	9.7 U	9.7 U	12 U	19 U
2-Propanol	1.2 U	1.4 U	1.5 U	0.59 U	0.56 U	0.79 U	0.78 U	14	9.1	0.029 U	0.13 U	0.12 U	0.012 U	0.064 U	0.055 U	0.055 U	2.3 U	15 U	29	0.017 U	0.018 U	0.011 U	2.4 U	0.22 U	0.56 U	5.8 U	5.8 U	7.3 U	11 U
3-Chloropropene	1.5 U	1.7 U	1.9 U	0.76 U	0.71 U	1 U	1 U	12 U	3.7 U	0.037 U	0.17 U	0.15 U	0.015 U	0.082 U	0.07 U	0.07 U	2.9 U	19 U	19 U	0.021 U	0.023 U	0.014 U	3.1 U	0.29 U	0.71 U	7.4 U	7.4 U	9.3 U	14 U
4-Ethyltoluene	0.61 U	0.68 U	0.76 U	0.3 U	0.28 U	0.4 U	0.39 U	4.8 U	1.5 U	0.017	0.066 U	0.059 U	0.0099	0.032 U	0.028 U	0.028 U	1.1 U	7.6 U	7.5 U	0.0084 U	0.0092 U	0.014	1.2 U	0.11 U	0.28 U	2.9 U	2.9 U	3.7 U	5.6 U
4-Methyl-2-Pentanone	0.5 U	0.57 U	0.64 U	0.25 U	0.23 U	0.33 U	0.32 U	4 U	1.2 U	0.012 U	0.055 U	0.049 U	0.0049 U	0.027 U	0.023 U	0.023 U	0.95 U	6.4 U	6.2 U	0.015	0.0076 U	0.01	1 U	0.094 U	0.23 U	2.4 U	2.4 U	3 U	4.7 U
Acetone	1.2 U	1.3 U	1.5 U	0.57 U	0.54 U	0.76 U	0.76 U	9.2 U	2.8 U	0.17	0.21 U	0.2	0.21 U	0.2 U	0.15	0.16	2.2 U	15 U	14 U	0.36	0.19	0.18	2.4 U	0.22 U	0.54 U	5.6 U	5.6 U	7.1 U	11 U
Benzene	0.39 U	0.44 U	0.5 U	0.19 U	0.18 U	0.26 U	0.25 U	3.1 U	0.95 U	0.033	0.043 U	0.038 U	0.03	0.026	0.042	0.041	0.74 U	5 U	4.9 U	0.029	0.019	0.02	0.8 U	0.073 U	0.18 U	1.9 U	1.9 U	2.4 U	3.6 U
Bromodichloromethane	0.83 U	0.93 U	1 U	0.4 U	0.38 U	0.54 U	0.53 U	6.5 U	2 U	0.02 U	0.09 U	0.08 U	0.0093	0.044 U	0.038 U	0.038 U	1.6 U	10 U	10 U	0.011 U	0.012 U	0.0078 U	1.7 U	0.15 U	0.38 U	4 U	4 U	5 U	7.7 U
Bromoform	1.3 U	1.4 U	1.6 U	0.62 U	0.59 U	0.83 U	0.82 U	10 U	3.1 U	0.03 U	0.14 U	0.12 U	0.012 U	0.068 U	0.058 U	0.058 U	2.4 U	16 U	16 U	0.018 U	0.019 U	0.012 U	2.6 U	0.24 U	0.59 U	6.2 U	6.2 U	7.7 U	12 U
Bromomethane	0.48 U	0.54 U	0.6 U	0.23 U	0.22 U	0.31 U	0.31 U	3.8 U	1.2 U	0.011 U	0.052 U	0.047 U	0.0046 U	0.025 U	0.022 U	0.022 U	0.9 U	6 U	5.9 U	0.0066 U	0.0072 U	0.0045 U	0.97 U	0.089 U	0.22 U	2.3 U	2.3 U	2.9 U	4.4 U
Carbon Disulfide	0.38 U	0.43 U	0.48 U	0.19 U	0.18 U	0.25 U	0.25 U	3 U	1.4	0.0091 U	0.042 U	0.037 U	0.0037 U	0.026	0.022	0.026	0.72 U	4.8 U	6.8	0.0053 U	0.019	0.028	0.78 U	0.071 U	0.18 U	1.8 U	1.8 U	2.3 U	3.6 U
Carbon Tetrachloride	0.78 U	0.88 U	0.98 U	0.38 U	0.36 U	0.51 U	0.5 U	6.1 U	1.9 U	0.018 U	0.085 U	0.076 U	0.0075 U	0.041 U	0.035 U	0.035 U	1.5 U	9.8 U	9.6 U	0.011 U	0.012 U	0.0073 U	1.6 U	0.14 U	0.36 U	3.7 U	3.7 U	4.7 U	7.2 U
Chlorobenzene	0.57 U	0.64 U	0.72 U	0.28 U	0.26 U	0.37 U	0.36 U	4.5 U	1.4 U	0.014 U	0.062 U	0.055 U	0.0055 U	0.03 U	0.026 U	0.026 U	1.1 U	7.2 U	7 U	0.0078 U	0.0086 U	0.0054 U	1.1 U	0.1 U	0.26 U	2.7 U	2.7 U	3.4 U	5.3 U
Chloroethane	0.32 U	0.37 U	0.41 U	0.16 U	0.15 U	0.21 U	0.21 U	2.6 U	0.79 U	0.0077 U	0.035 U	0.032 U	0.0031 U	0.017 U	0.015 U	0.015 U	0.61 U	4.1 U	4 U	0.0045 U	0.0049 U	0.0031 U	0.66 U	0.06 U	0.15 U	1.6 U	1.6 U	2 U	3 U
Chloroform	0.6 U	0.68 U	0.76 U	0.3 U	0.28 U	0.39 U	0.39 U	4.7 U	1.4 U	0.025	0.066 U	0.16	0.014	0.032 U	0.027 U	0.027 U	1.1 U	7.6 U	7.4 U	0.013	0.0091 U	0.0057	1.2 U	0.11 U	0.28 U	2.9 U	2.9 U	3.6 U	5.6 U
Chloromethane	1 U	1.2 U	1.3 U	0.5 U	0.47 U	0.66 U	0.66 U	8 U	2.5 U	0.024 U	0.11 U	0.099 U	0.0098 U	0.054 U	0.046 U	0.046 U	1.9 U	13 U	12 U	0.014 U	0.015 U	0.0096 U	2 U	0.19 U	0.47 U	4.9 U	4.9 U	6.2 U	9.4 U
cis-1,2-Dichloroethene	0.49 U	0.55 U	0.62 U	0.24 U	0.22 U	0.32 U	0.32 U	3.8 U	1.2 U	0.012 U	0.053 U	0.048 U	0.0047 U	0.026 U	0.022 U	0.022 U	0.92 U	6.2 U	6 U	0.0068 U	0.0074 U	0.0046 U	0.99 U	0.091 U	0.22 U	2.4 U	2.4 U	3 U	4.5 U
cis-1,3-Dichloropropene	0.56 U	0.63 U	0.7 U	0.27 U	0.26 U	0.36 U	0.36 U	4.4 U	1.4 U	0.013 U	0.061 U	0.054 U	0.0054 U	0.03 U	0.025 U	0.025 U	1 U	7 U	6.9 U	0.0077 U	0.0085 U	0.0053 U	1.1 U	0.1 U	0.26 U	2.7 U	2.7 U	3.4 U	5.2 U
Cyclohexane	0.42 U	0.48 U	0.54 U	0.21 U	0.2 U	0.28 U	0.27 U	3.3 U	1 U	0.01 U	0.046 U	0.041 U	0.0041 U	0.022 U	0.019 U	0.019 U	0.8 U	5.4 U	5.2 U	0.0059	0.012	0.018	0.86 U	0.079 U	0.2 U	2 U	2 U	2.6 U	3.9 U
Dibromochloromethane	1 U	1.2 U	1.3 U	0.52 U	0.48 U	0.68 U	0.68 U	8.3 U	2.5 U	0.025 U	0.11 U	0.1 U	0.01 U	0.056 U	0.048 U	0.048 U	2 U	13 U	13 U	0.014 U	0.016 U	0.0099 U	2.1 U	0.2 U	0.48 U	5.1 U	5.1 U	6.3 U	9.8 U
Dichlorodifluoromethane	0.61 U	0.69 U	0.77 U	0.3 U	0.53	0.4 U	0.39 U	4.8 U	1.5 U	0.029	0.066 U	0.059 U	0.017	0.06	0.074	0.072	3.2	15	14	0.012	0.014	0.0072	1.4	0.34	0.28	2.9	2.9	3.7 U	5.7 U
Ethanol	0.93 U	1 U	1.2 U	0.46 U	0.43 U	0.61 U	0.6 U	7.3 U	2.2 U	0.022 U	0.1 U	0.09 U	0.019	0.049 U	0.042 U	0.042 U	1.8 U	12 U	11 U	0.02	0.014 U	0.012	1.9 U	0.17 U	0.43 U	4.5 U	4.5 U	5.6 U	8.6 U
Ethylbenzene	0.54 U	0.6 U	0.68 U	0.26 U	0.25 U	0.35 U	0.34 U	4.2 U	1.3 U	0.018	0.058 U	0.052 U	0.012	0.028 U	0.024 U	0.024 U	1 U	6.8 U	6.6 U	0.011	0.008 J	0.019	1.1 U	0.099 U	0.25 U	2.6 U	2.6 U	3.2 U	5 U
Heptane	0.51 U	0.57 U	0.64 U	0.25 U	0.23 U	0.33 U	0.32 U	4 U	1.2 U	0.015	0.055 U	0.049 U	0.018	0.027 U	0.023 U	0.023 U	0.95 U	6.4 U	6.2 U	0.032	0.018	0.018	1 U	0.094 U	0.24	2.4 U	2.4 U	3 U	4.7 U
Hexachlorobutadiene	5.3 U	6 U	6.6 U	2.6 U	2.4 U	3.4 U	3.4 U	41 U	13 U	0.12 U	0.57 U	0.51 U	0.051 U	0.28 U	0.24 U	0.24 U	9.9 U	66 U	65 U	0.073 U	0.08 U	0.05 U	11 U	0.98 U	2.4 U	25 U	25 U	32 U	49 U
Hexane (n-Hexane)	0.44 U	0.49 U	0.55 U	0.21 U	0.2 U	0.28 U	0.28 U	3.4 U	1 U	0.02	0.047 U	0.042 U	0.022	0.031	0.042	0.039	0.82 U	5.5 U	5.4 U	0.047	0.058	0.094	0.88 U	0.081 U	0.2 U	2.1 U	2.1 U	2.6 U	4 U
Isopropylbenzene	0.61 U	0.68 U	0.76 U	0.3 U	0.28 U	0.4 U	0.39 U	4.8 U	1.5 U	0.014 U	0.066 U	0.059 U	0.0058 U	0.032 U	0.028 U	0.028 U	1.1 U	7.6 U	7.5 U	0.0084 U	0.0092 U	0.0057 U	1.2 U	0.11 U	0.28 U	2.9 U	2.9 U	3.7 U	5.6 U
m,p-Xylenes	0.56 U	0.63 U	0.7 U	0.26 U	0.25 U	0.35 U	0.34 U	4.2 U	1.3 U	0.053	0.058 U	0.052 U	0.031	0.031	0.039	0.038	1 U	6.8 U	6.6 U	0.032	0.027	0.059	1.1 U	0.099 U	0.25 U	2.6 U	2.6 U	3.2 U	5 U
m-Chlorotoluene	0.64 U	0.72 U	0.8 U	0.31 U	0.3 U	0.42 U	0.41 U	5 U	1.5 U	0.015 U	0.07 U	0.062 U	0.0062 U	0.034 U	0.029 U	0.029 U	1.2 U	8 U	7.9 U	0.0088 U	0.0096 U	0.006 U	1.3 U	0.12 U	0.3 U	3.1 U	3.1 U	3.8 U	5.9 U
Methyl Tert-Butyl Ether	0.44 U	0.5 U	0.56 U	0.22 U	0.2 U	0.29 U	0.29 U	3.5 U	1.1 U	0.01 U	0.048 U	0.043 U	0.0043 U	0.024 U	0.02 U	0.02 U	0.84 U	5.6 U	5.5 U	0.019	0.021	0.042	0.9 U	0.082 U	0.2 U	2.1 U	2.1 U	2.7 U	4.1 U
Methylene Chloride	0.43 U	0.48 U	0.54 U	0.3	0.26	0.34	0.32	3.4 U	1 U	0.01 U	0.047 U	0.044	0.0041 U	0.041	0.034	0.033	0.81 U	5.4 U	5.3 U	0.0092	0.011	0.013	0.86 U	0.08 U	0.2 U	2.1 U	2.1 U	2.6 U	4 U
o-Xylene	0.54 U	0.6 U	0.68 U	0.26 U	0.25 U	0.35 U	0.34 U	4.2 U	1.3 U	0.024	0.058 U	0.052 U	0.014	0.028 U	0.024 U	0.024 U	1 U	6.8 U	6.6 U	0.012	0.011	0.022	1.1 U	0.099 U	0.25 U	2.6 U	2.6 U	3.2 U	5 U
Propylbenzene	0.61 U	0.68 U	0.76 U	0.3 U	0.28 U	0.4 U	0.39 U	4.8 U	1.5 U	0.014 U	0.066 U	0.059 U	0.0058 U	0.032 U	0.028 U	0.028 U	1.1 U	7.6 U	7.5 U	0.0084 U	0.0092 U	0.0057 U	1.2 U	0.11 U	0.28 U	2.9 U	2.9 U	3.7 U	5.6 U
Styrene	0.53 U	0.59 U	0.66 U	0.26 U	0.24 U	0.34 U	0.34 U	4.1 U	1.3 U	0.012 U	0.057 U	0.051 U	0.0051 U	0.028 U	0.024 U	0.024 U	0.99 U	6.6 U	6.5 U	0.0073 U	0.0079 U	0.005 U	1.1 U	0.098 U	0.24 U	2.5 U	2.5 U	3.2 U	4.9 U

Table 1
Omega Chemical Superfund Site
Summary of Soil Vapor Analytical Data

Probe Number	VP-20			VP-21						VP-22			VP-23				VP-24			VP-25			VP-28			VP-29			
					Duplicate											Duplicate														
Sample Depth (feet bgs)	21.5	29	51	20	29	35	35	43	48	18	27	39	22	29	45	45	27	35	39	25	29	36	20	29	43	22	29	29	48
Analyte / Sample Date	06-Mar-06	06-Mar-06	06-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	09-Mar-06	09-Mar-06	09-Mar-06	09-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	07-Mar-06	07-Mar-06	07-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06	06-Mar-06
Tetrachloroethene	7.1	1.1	6.6	29	18	39	44	610	96	0.36	2.1	0.17	0.028	0.46	0.38	0.37	1.6 U	10 U	10 U	0.28	0.73	0.33	2.1	1.6	14	69	120	120	160
Tetrahydrofuran	0.36 U	0.41 U	0.46 U	0.18 U	0.17 U	0.24 U	0.23 U	2.9 U	0.88 U	0.0086 U	0.04 U	0.035 U	0.0035 U	0.019 U	0.016 U	0.016 U	0.69 U	4.6 U	4.5 U	0.005 U	0.0055 U	0.0034 U	0.73 U	0.068 U	0.17 U	1.8 U	1.8 U	2.2 U	3.4 U
Toluene	0.46 U	0.52 U	0.58 U	0.23 U	0.21 U	0.3 U	0.3 U	3.6 U	1.1 U	0.12	0.1	0.081	0.098	0.086	0.11	0.1	0.88 U	5.8 U	5.7 U	0.08	0.007 U	0.066	0.94 U	0.086	0.21 U	2.2 U	2.2 U	2.8 U	4.3 U
Trans-1,2-Dichloroethene	0.49 U	0.55 U	0.62 U	0.24 U	0.22 U	0.32 U	0.32 U	3.8 U	1.2 U	0.012 U	0.053 U	0.048 U	0.0047 U	0.026 U	0.022 U	0.022 U	0.92 U	6.2 U	6 U	0.0068 U	0.0074 U	0.0046 U	0.99 U	0.091 U	0.22 U	2.4 U	2.4 U	3 U	4.5 U
Trans-1,3-Dichloropropene	0.56 U	0.63 U	0.7 U	0.27 U	0.26 U	0.36 U	0.36 U	4.4 U	1.4 U	0.013 U	0.061 U	0.054 U	0.0054 U	0.03 U	0.025 U	0.025 U	1 U	7 U	6.9 U	0.0077 U	0.0085 U	0.0053 U	1.1 U	0.1 U	0.26 U	2.7 U	2.7 U	3.4 U	5.2 U
Trichloroethene	7.9	1.4	6.9	3.5	3.5	5.9	6.5	66	13	0.056	0.38	0.35	0.0064 U	0.035 U	0.03 U	0.03 U	1.2 U	8.4 U	8.2 U	1.4	1.9	0.84	1.3 U	0.5	2.6	37	71	71	83
Trichlorofluoromethane (Freon 11)	59	72	61	19	22	26	28	270	100	1.7	4.8	4	0.26	1.9	2.1	2	92	500	470	1.8	2.3	0.71	140	9	26	170	400	390	600
Vinyl Chloride	0.32 U	0.36 U	0.4 U	0.15 U	0.14 U	0.2 U	0.2 U	2.5 U	0.76 U	0.0075 U	0.034 U	0.031 U	0.003 U	0.017 U	0.014 U	0.014 U	0.6 U	4 U	3.9 U	0.0044 U	0.0048 U	0.003 U	0.64 U	0.058 U	0.14 U	1.5 U	1.5 U	1.9 U	2.9 U

Notes:
All concentrations are reported in milligrams per cubic meter (mg/m3).
All samples analyzed by EPA Method TO-15
U = Analyte not detected at a concentration greater than the reporting limit shown
J = Estimated concentration

Table 2
Omega Chemical Superfund Site
Summary of Soil Analytical Data

Probe Number	MIP21-B7				MIP22-B5		MIP8-B4						VP21-B6					
											Duplicate						Duplicate	
Sample Depth (feet bgs)	29	35	44	55	26	36	29	33	40	56	56	8	20	29	35	35	43	48
Analyte Sample Date	09-Mar-06	09-Mar-06	09-Mar-06	09-Mar-06	07-Mar-06	07-Mar-06	07-Mar-06	07-Mar-06	07-Mar-06	07-Mar-06	07-Mar-06	07-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06	08-Mar-06
Ethylbenzene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
Isopropylbenzene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
m,p-Xylenes	1.8 U	1.6 U	2 U	2 U	1.8 U	1.9 U	200 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U	2 U	1.7 U	1.9 U	1.9 U	1.8 U	2.4 U
Methyl Tert-Butyl Ether	1.8 U	1.6 U	2 U	2 U	1.8 U	1.9 U	200 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U	2 U	1.7 U	1.9 U	1.9 U	1.8 U	2.4 U
Methylene Chloride	9.1 U	7.8 U	9.8 U	10 U	9.2 U	9.5 U	1000 U	9.7 U	8.7 U	12	14	9.3 U	10 U	8.6 U	9.4 U	9.3 U	8.8 U	12 U
Naphthalene	9.1 U	7.8 U	9.8 U	10 U	9.2 U	9.5 U	1000 U	9.7 U	8.7 U	8.9 U	9.3 U	9.3 U	10 U	8.6 U	9.4 U	9.3 U	8.8 U	12 U
n-Butylbenzene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
n-Propylbenzene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
o-Xylene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
p-Isopropyltoluene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
Sec-Butylbenzene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
Styrene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
Tert-Amyl Methyl Ether (TAME)	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
Tert-Butyl Alcohol	18 U	16 U	20 U	20 U	18 U	19 U	2000 U	19 U	17 U	18 U	19 U	19 U	20 U	17 U	19 U	19 U	18 U	24 U
Tert-Butylbenzene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
Tetrachloroethene	750	1900	2600	150	840	1600	2400	1200	1600	3300	5200	620	160	960	860	1100	1900	610
Toluene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	2.4	2.4	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U
trans-1,2-Dichloroethene	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	1	2.3	2.6	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.91	1.2 U
trans-1,3-Dichloropropene	1.8 U	1.6 U	2 U	2 U	1.8 U	1.9 U	200 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U	2 U	1.7 U	1.9 U	1.9 U	1.8 U	2.4 U
Trichloroethene	22	62	110	19	7.7	52	200 U	38	69	98	120	17	9.4	16	41	41	72	38
Trichlorofluoromethane (Freon 11)	9.1 U	13	16	10 U	9.2 U	12	1000 U	9.7 U	8.7 U	8.9 U	9.3 U	9.3 U	10 U	8.6 U	9.6	9.3 U	18	12 U
Vinyl Acetate	9.1 U	7.8 U	9.8 U	10 U	9.2 U	9.5 U	1000 U	9.7 U	8.7 U	8.9 U	9.3 U	9.3 U	10 U	8.6 U	9.4 U	9.3 U	8.8 U	12 U
Vinyl Chloride	0.91 U	0.78 U	0.98 U	1 U	0.92 U	0.95 U	100 U	0.97 U	0.87 U	0.89 U	0.93 U	0.93 U	1 U	0.86 U	0.94 U	0.93 U	0.88 U	1.2 U

Notes:
All concentrations are reported in micrograms per kilogram (ug/Kg).
All parameters analyzed using EPA Method 8260B, except for 1,4-dioxane, which was analyzed using EPA Method 8270C (modified).
U = Analyte not detected at a concentration greater than the reporting limit shown

ATTACHMENT A

MIP LOGS FOR THE FEBRUARY/MARCH 2006 SAMPLING

MIP REPORT

Omega
Whittier, CA

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Client: CDM
18581 Teller Ave., Suite 200
Irvine, CA 92612

Start Date: 2/27/2006
Completed Date: 3/1/2006

Site Address: 12504 East Whittier Blvd., Whittier, CA
Project Name Omega

Project Scope: Collected Membrane Interface Probe logs from 6 boring locations from approximately surface to as deep as 61 feet bgs to identify possible DNAPL plume, and contaminante plume.

Project Information: ~ MIP-30 = Probe broke while retracting.

MIP Boring and Confirmation Sampling Summary

Date Sampled	Time Sampled	Boring Name	Total Depth	Confirmation Samples Soil	Confirmation Samples Groundwater
Feb 27 2006	08:48	MIP-25	55.3		
Feb 27 2006	13:36	MIP-26	52.5		
Feb 28 2006	07:57	MIP-29	60.9		
Feb 28 2006	10:43	MIP-30	60.6		
Mar 01 2006	08:37	MIP-28	52.8		
Mar 01 2006	11:10	MIP-27	53.1		

1225 East McFadden Avenue ● Santa Ana ● CA 92705 ● USA ● Phone 714-647-6290 ● Fax 714-647-6291
San Francisco CA Los Angeles Washington DC Fredericksburg VA Raleigh NC Wilmington DE

Quality Control: Vironex utilizes a response test* prior to each MIP boring. A solution containing water, Trichloroethene & Toluene are mixed and transferred into a galvanized test pipe. The MIP is then lowered into the test pipe for 45 seconds and then extracted. The trip time** is then noted and entered into the SC4000 MIP computer.

**Response Test - A test that ensures that the MIP system is working correctly.*
***Trip Time - Time it takes for the standard to enter the MIP probe, at the probe membrane, till the time a significant response is noticed on the SC 4000 Computer*

MIP Components Used:
- Geoprobe 6600
- FC 4000 MIP Computer
- Flow Control Box
- HP Gas Chromatograph
- ECD (Electron Capture Detector)
- PID (Photo Ionization Detector)
- FID (Flame Ionization Detector)
- 150' Trunk Line
- 1.5" MIP Probe
- 1.5" Drive Rods

Soil Confirmation No confirmation samples were collected

Qualitative Analysis (Identification): The MIP system will detect most VOC's (Volatile Organic Compounds) which have the capability of migrating through the membrane. The ECD (Electron Capture Detector) will typically detect chlorinated compounds. The PID will typically detect aromatic and double bonded compounds, typical of gasoline components and some solvents. At high concentrations the ECD, PID and FID may detect other compounds not normally associated with the detector. Physical soil samples which are prepared by EPA Method 5035, and analyzed by EPA Method 8260, may be semi correlated with the MIP responses. The MIP responses are semi-correlated with most detected compounds, even those which are not reported nor detected by EPA Method 8260.

Lithology: The conductivity of soils is different for each type of media. Finer grained sediments, such as silts or clays, will have a higher EC signal. While coarser grained sediments, sands and gravel, will have a lower EC signal. Lithology should be correlated with a physical soil sample.

Frank Stolfi
National Director of MIP Serivces

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San Francisco CA Los Angeles Washington DC Fredericksburg VA Raleigh NC Wilmington DE

Client: CDM
18581 Teller Ave., Suite 200
Irvine, CA 92612

Start Date: 2/27/2006
Completed Date: 3/1/2006

Site Address: 12504 East Whittier Blvd., Whittier, CA
Project Name: Omega

MIP Quality Control

Standard Summary

Boring Name	Date	Time	Standard	PID Response	ECD Response	Pressure (PSI)	Response Time (s)
QA/QC1	Feb 27 2006	08:18	1ppm TCE & Toluene	Yes	Yes	13.44	65
MIP-25	Feb 27 2006	08:48				13.30	65
QA/QC2	Feb 27 2006	13:27	1ppm TCE & Toluene	Yes	Yes	13.13	68
MIP-26	Feb 27 2006	13:36				13.05	68
QA/QC3	Feb 28 2006	07:50	1ppm TCE & Toluene	Yes	Yes	13.71	70
MIP-29	Feb 28 2006	07:57				13.43	70
QA/QC4	Feb 28 2006	10:20	1ppm TCE & Toluene	Yes	Yes	13.18	70
MIP-30	Feb 28 2006	10:43				13.01	70
QA/QC5	Mar 01 2006	07:59	1ppm TCE & Toluene	Yes	Yes	11.33	83
MIP-28	Mar 01 2006	08:37				11.25	83
QA/QC6	Mar 01 2006	10:09	1ppm TCE & Toluene	Yes	Yes	11.51	83
MIP-27	Mar 01 2006	11:10				11.76	83

End of Day QA QC Summary

Boring Name	Date	Time	Standard	PID Response	ECD Response	Pressure (PSI)	Response Time (s)
End of Day 1	Feb 27 2006	15:18	1ppm TCE & Toluene	Yes	Yes	12.87	70
	None done due to broke probe						
End of Day 3	Mar 01 2006	14:09	1ppm TCE & Toluene	Yes	Yes	11.51	85

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SITE MAP

Map provided by CDM

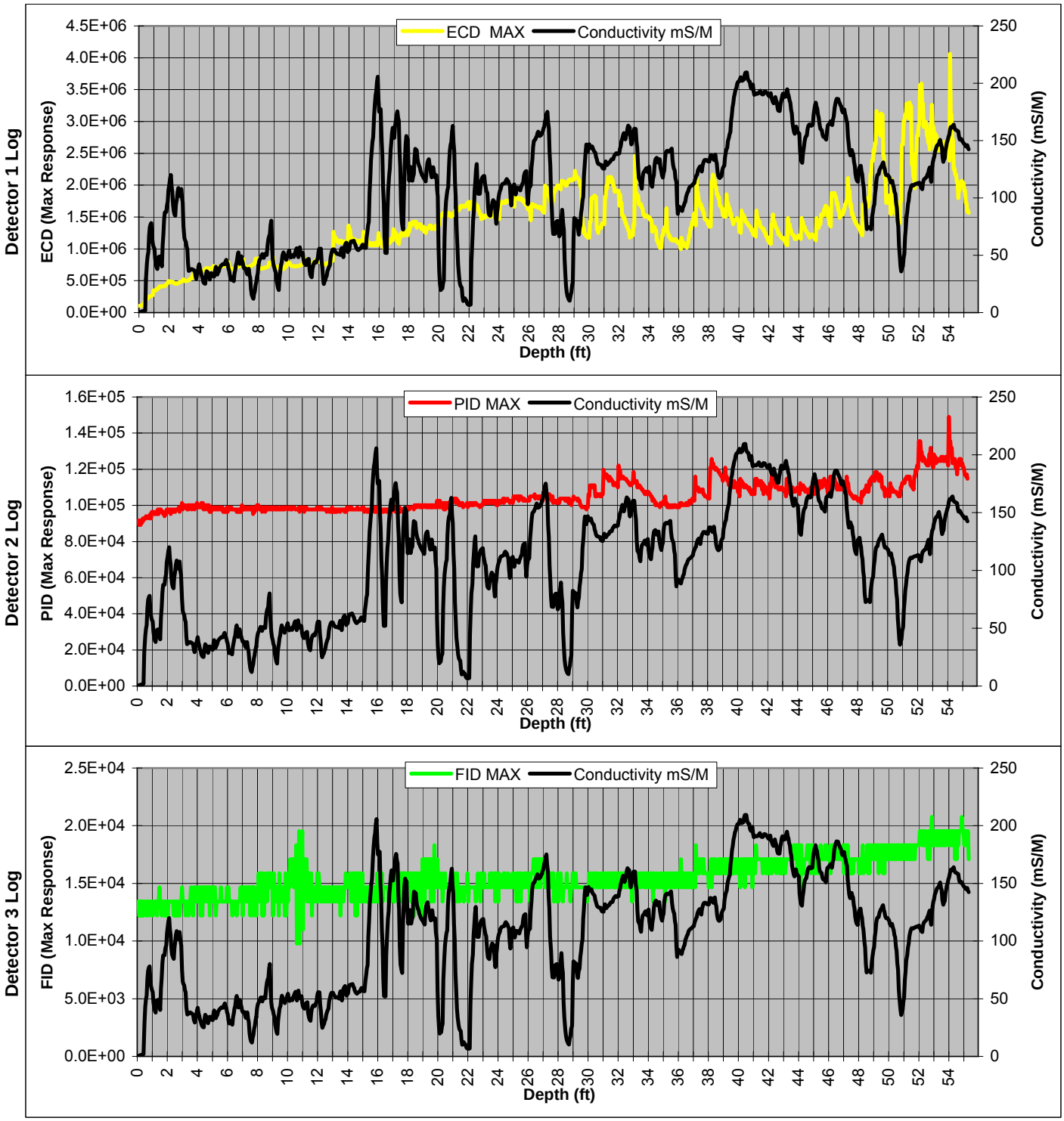
Confirmation Locations

Sample ID	TPHg mg/Kg*	PID Response	Soil Conductivity Response	Comments
Not Data Provided				

** TPHg = Total Petroleum Hydrocarbons Gas*

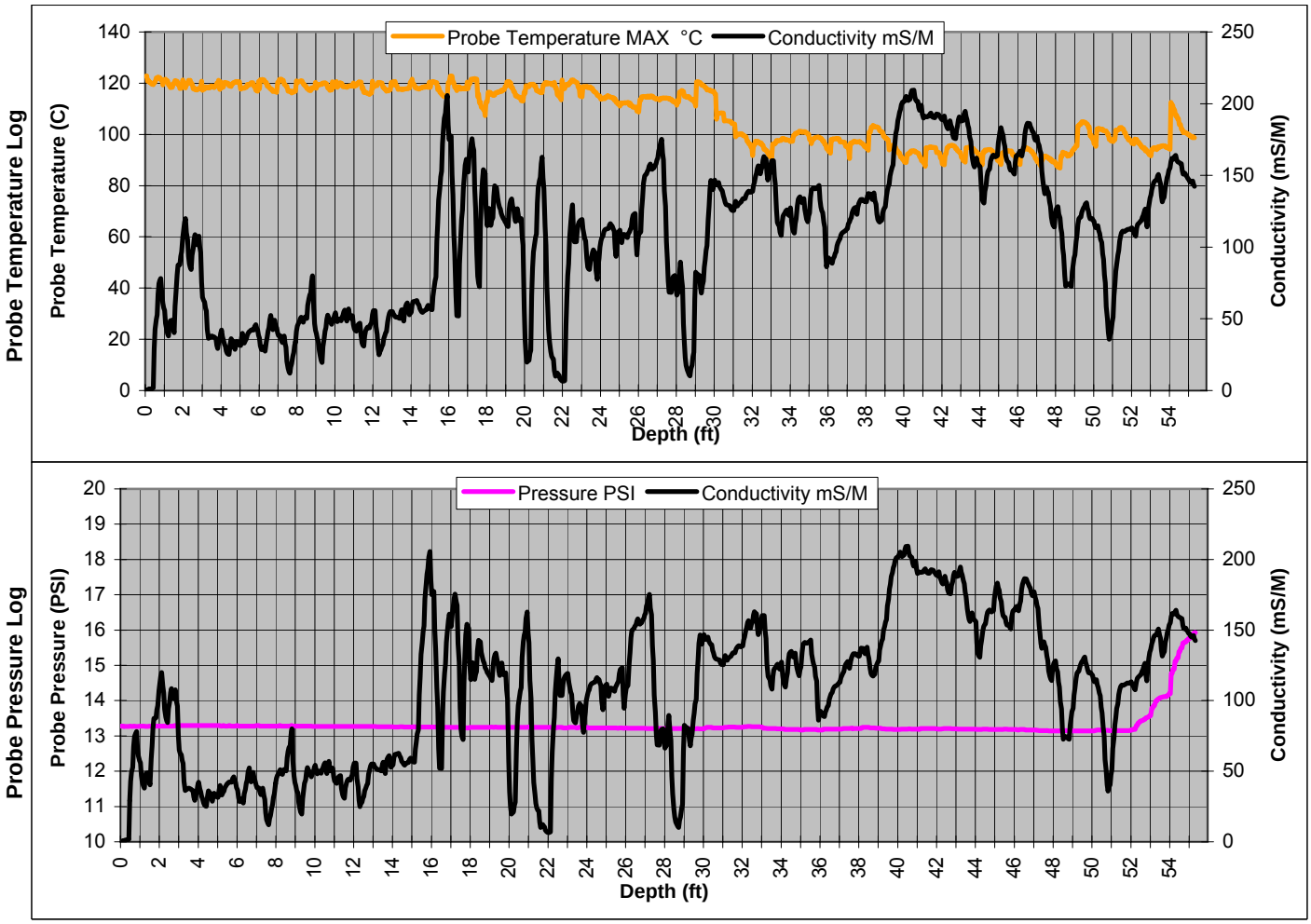
MIP Log Results by Boring - Detector Reading vs. Depth

Client	CDM	Boring I.D.:	MIP-25	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 27 2006	Detector 2 :	Photo Ionization (PID)
		Time:	08:48	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

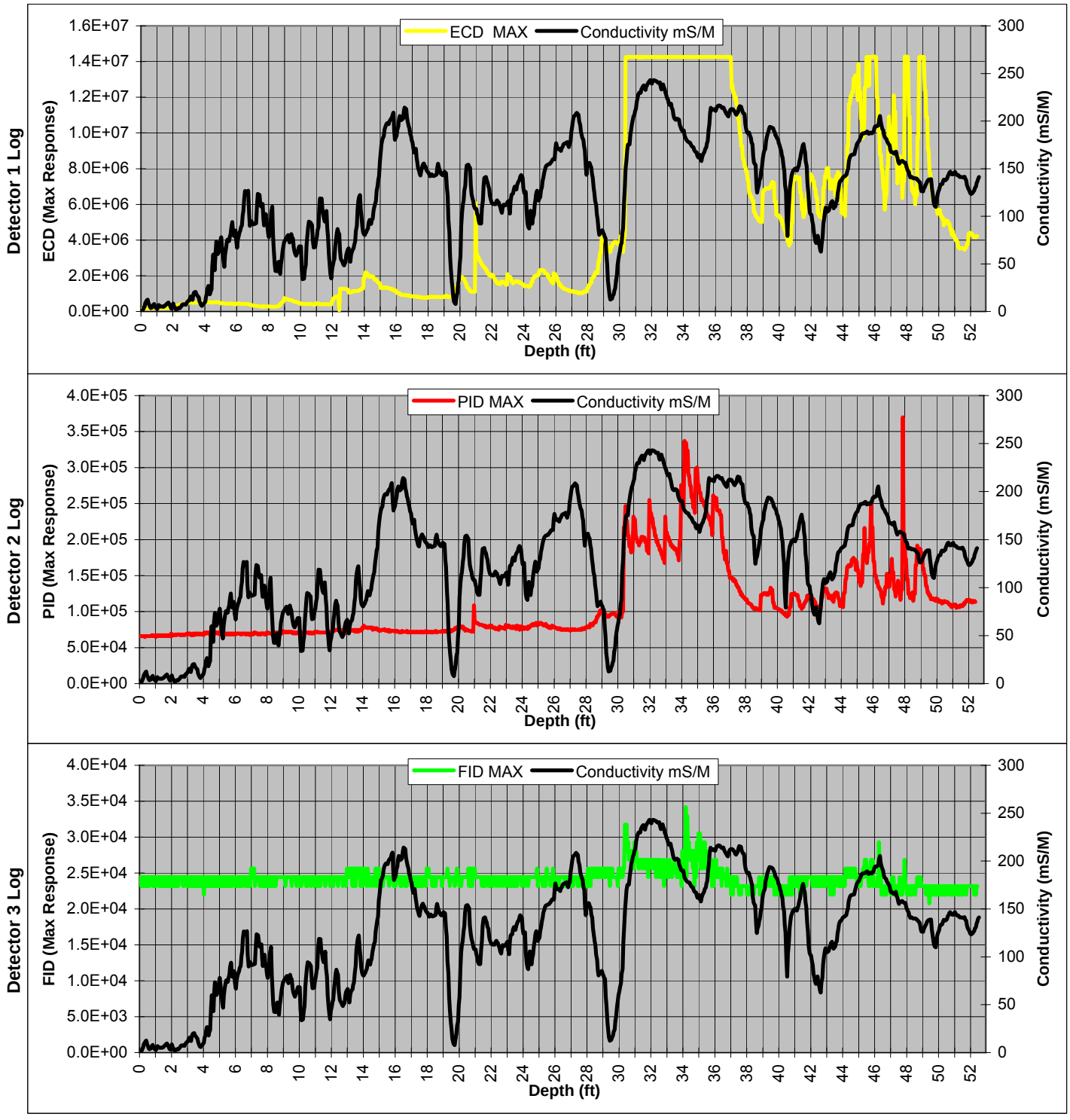
Client	#REF!	CDM	Boring I.D.: MIP-25	Graph 1 :	Probe Temperature (C)
			Date: Feb 27 2006	Graph 2 :	Probe Pressure (PSI)
			Time: 08:48		



Explanation: None

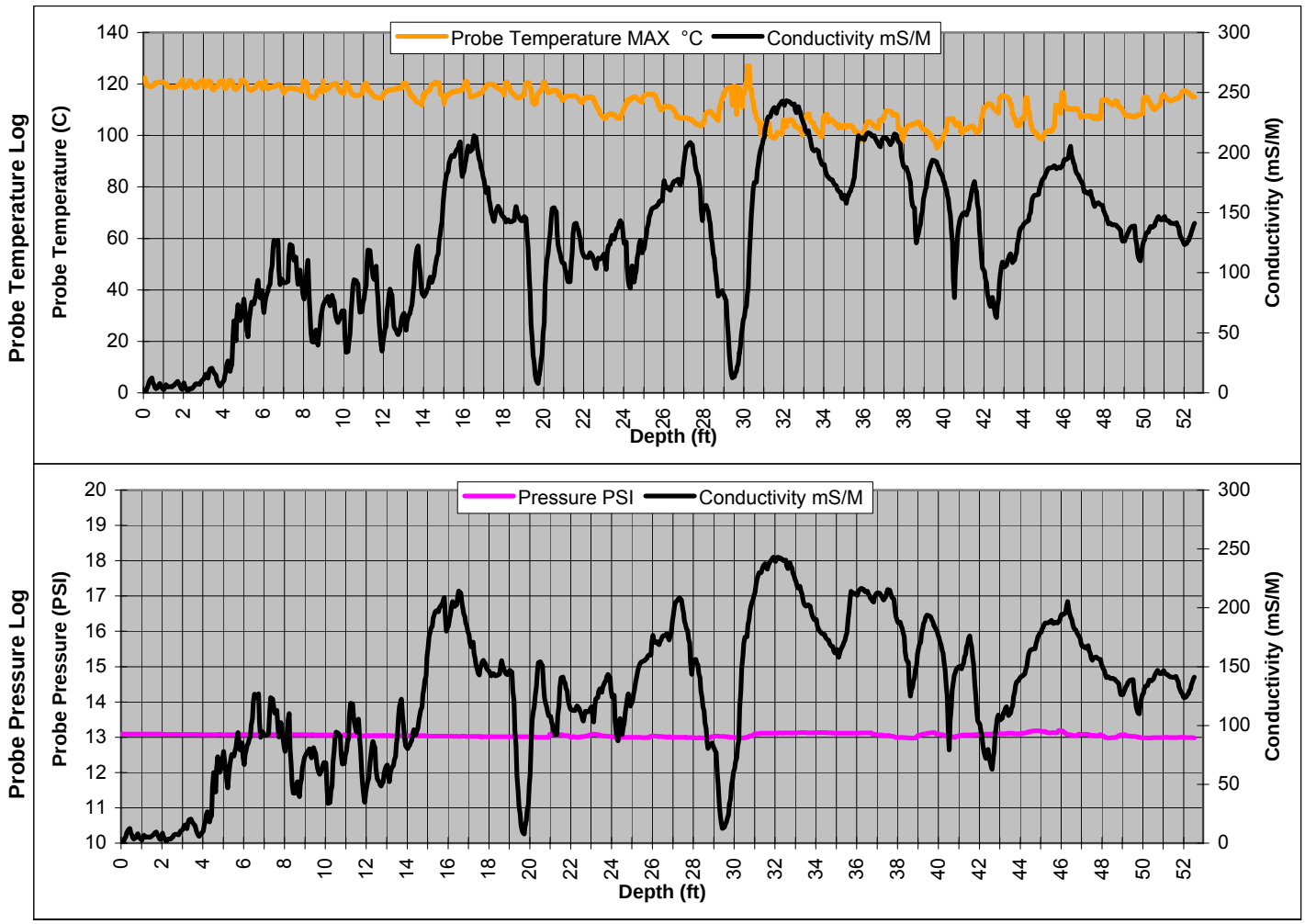
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-26	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 27 2006	Detector 2 :	Photo Ionization (PID)
		Time:	13:36	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

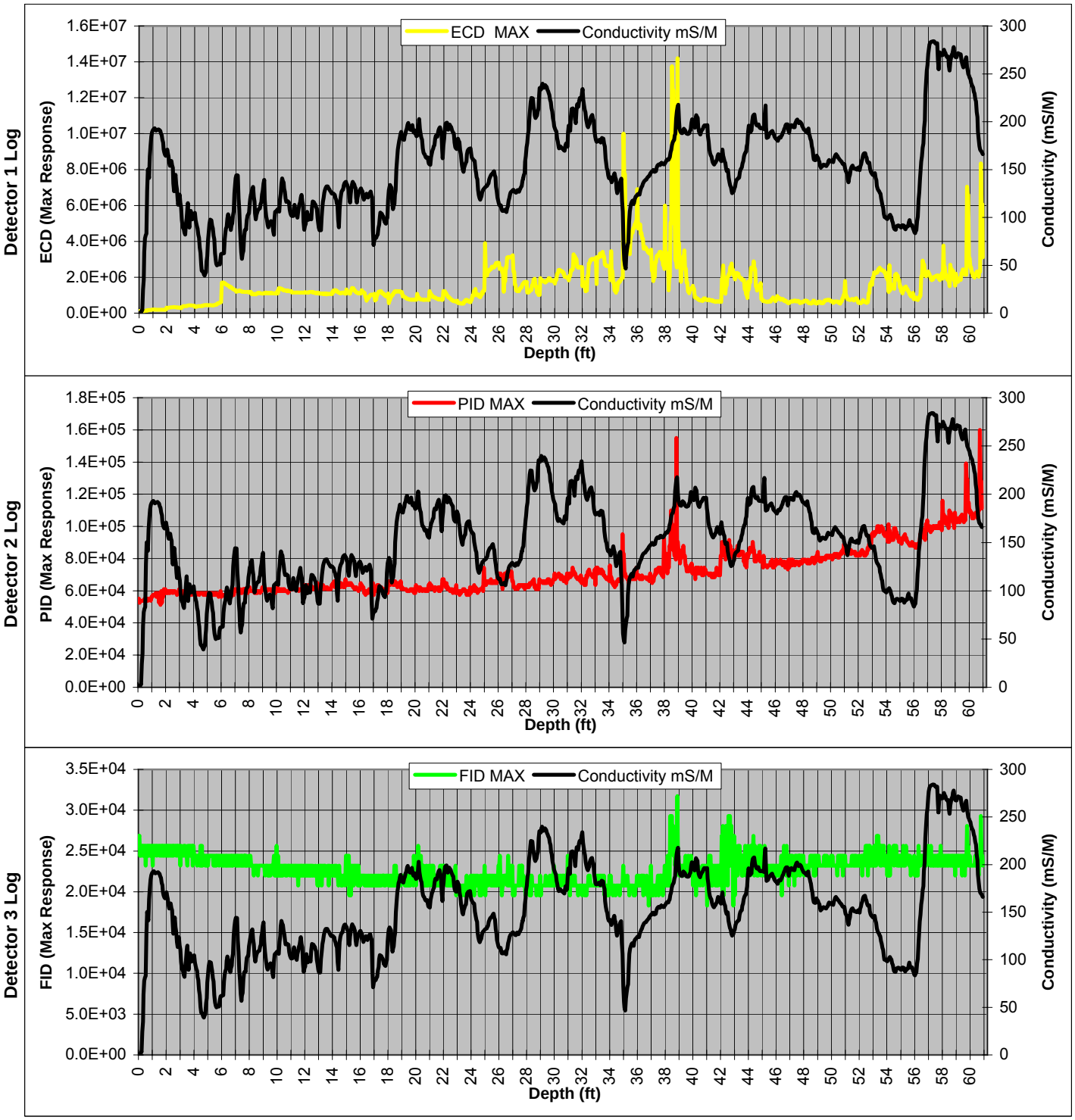
Client:	CDM	Boring I.D.:	MIP-26	Graph 1 :	Probe Temperature (C)
		Date:	Feb 27 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	13:36		



Explanation Cleared to 5 ft. with hand auger by Vironex.

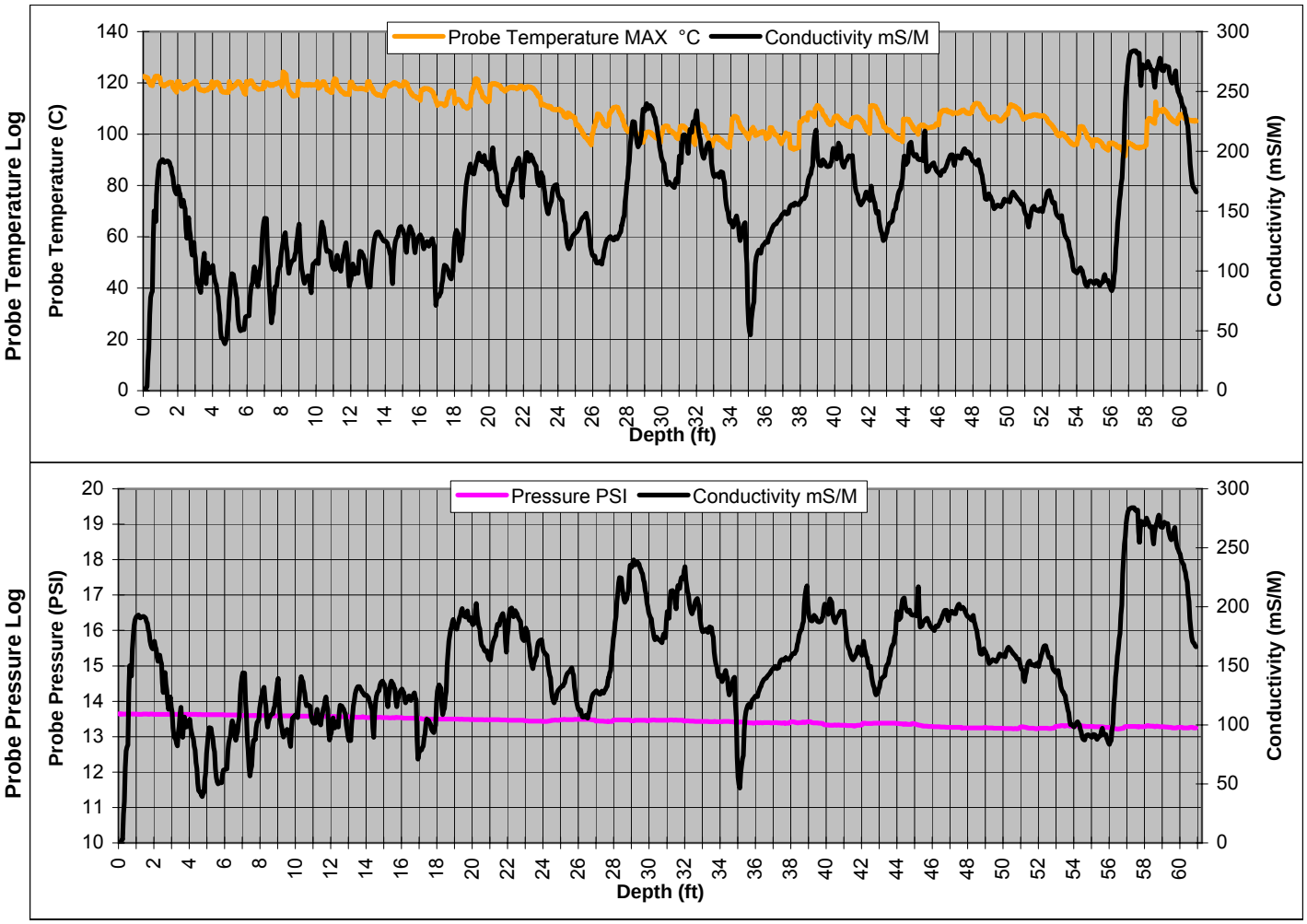
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-29	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 28 2006	Detector 2 :	Photo Ionization (PID)
		Time:	07:57	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

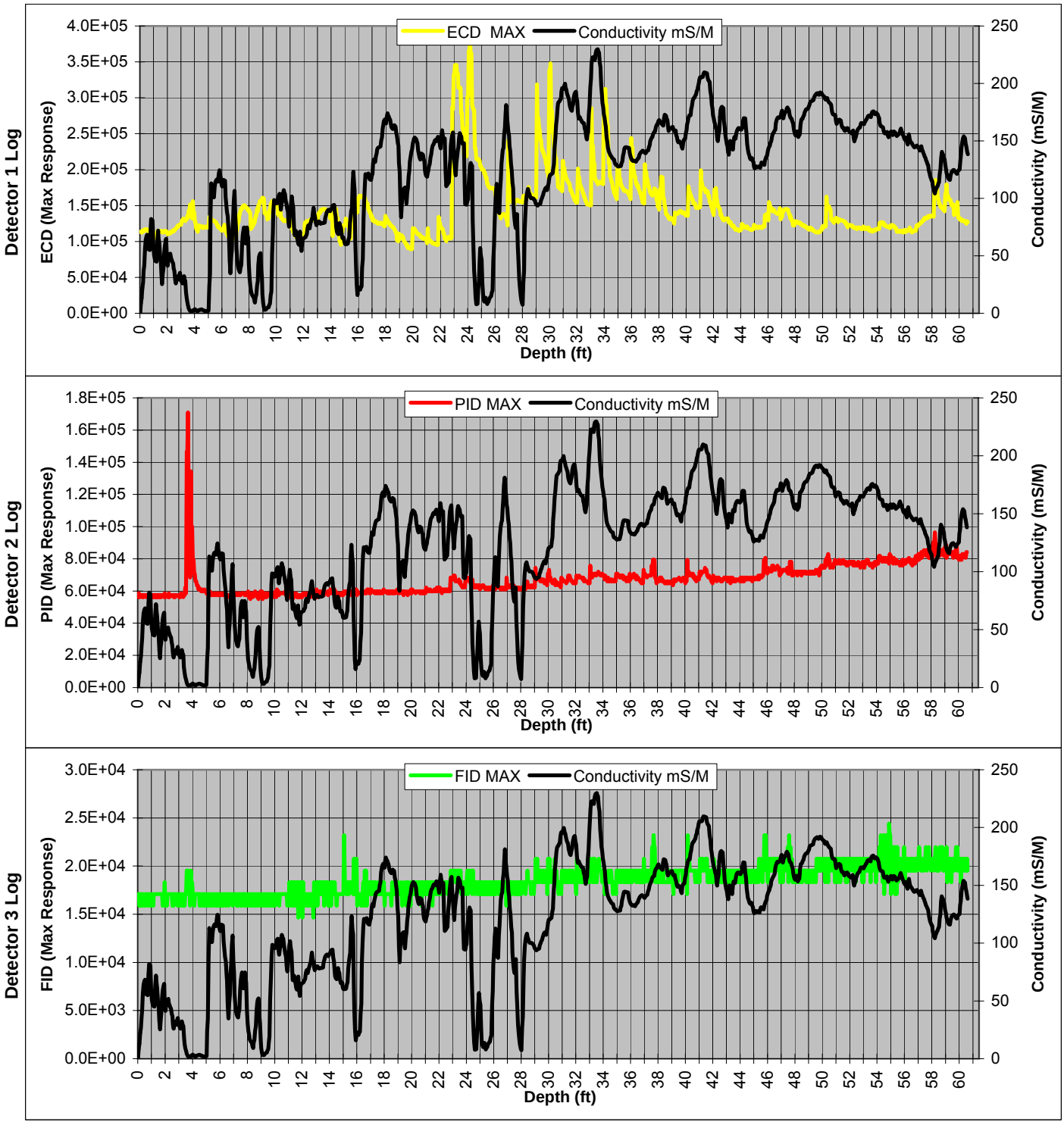
Client:	CDM	Boring I.D.:	MIP-29	Graph 1 :	Probe Temperature (C)
		Date:	Feb 28 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	07:57		



Explanation: None

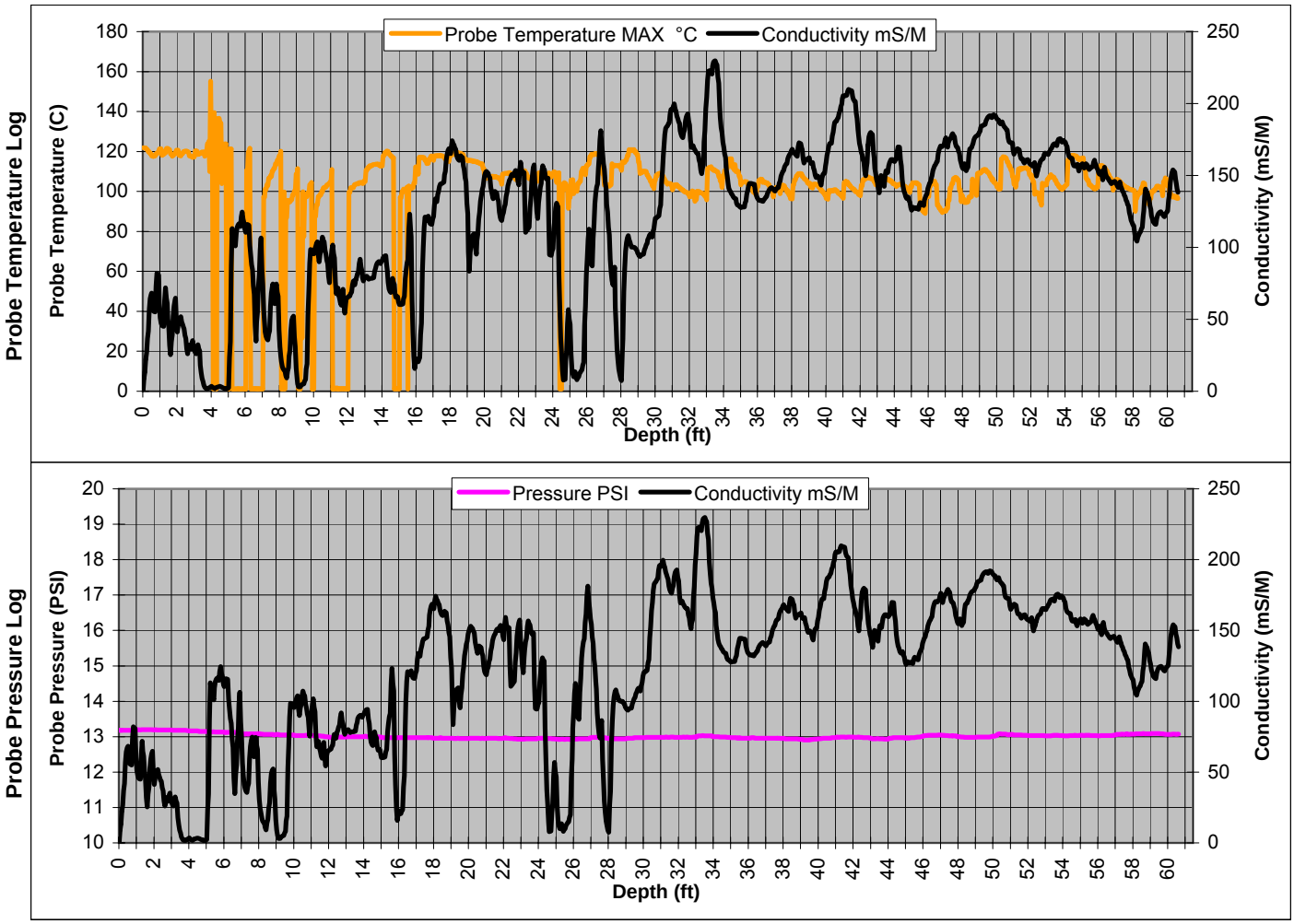
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-30	Detector 1 :	Electron Capture (ECD)
		Date:	Feb 28 2006	Detector 2 :	Photo Ionization (PID)
		Time:	10:43	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

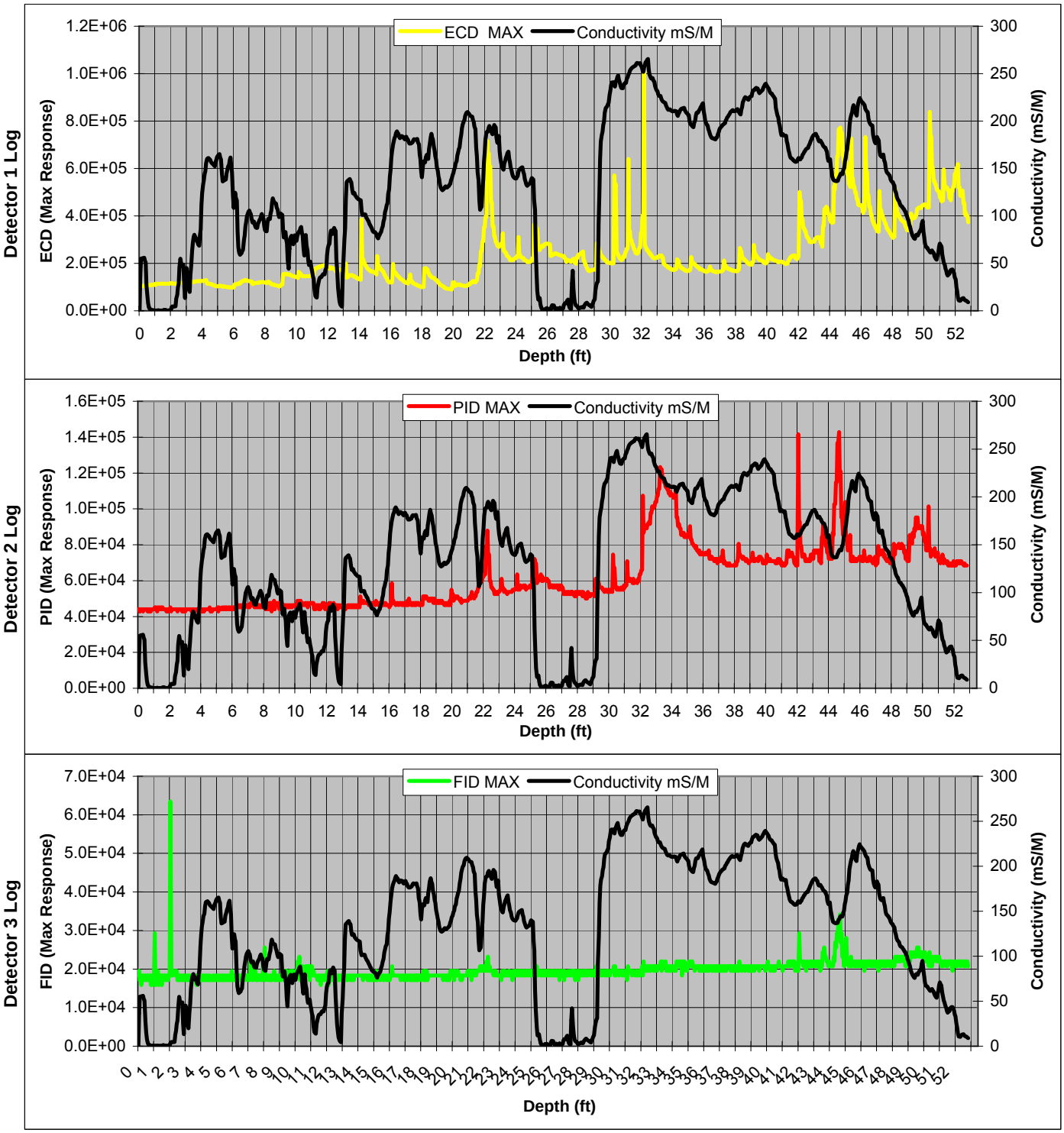
Client:	CDM	Boring I.D.:	MIP-30	Graph 1 :	Probe Temperature (C)
		Date:	Feb 28 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	10:43		



Explanation: While retracting probe lost 28 ft of 4ft. Rods and MIP Probe.

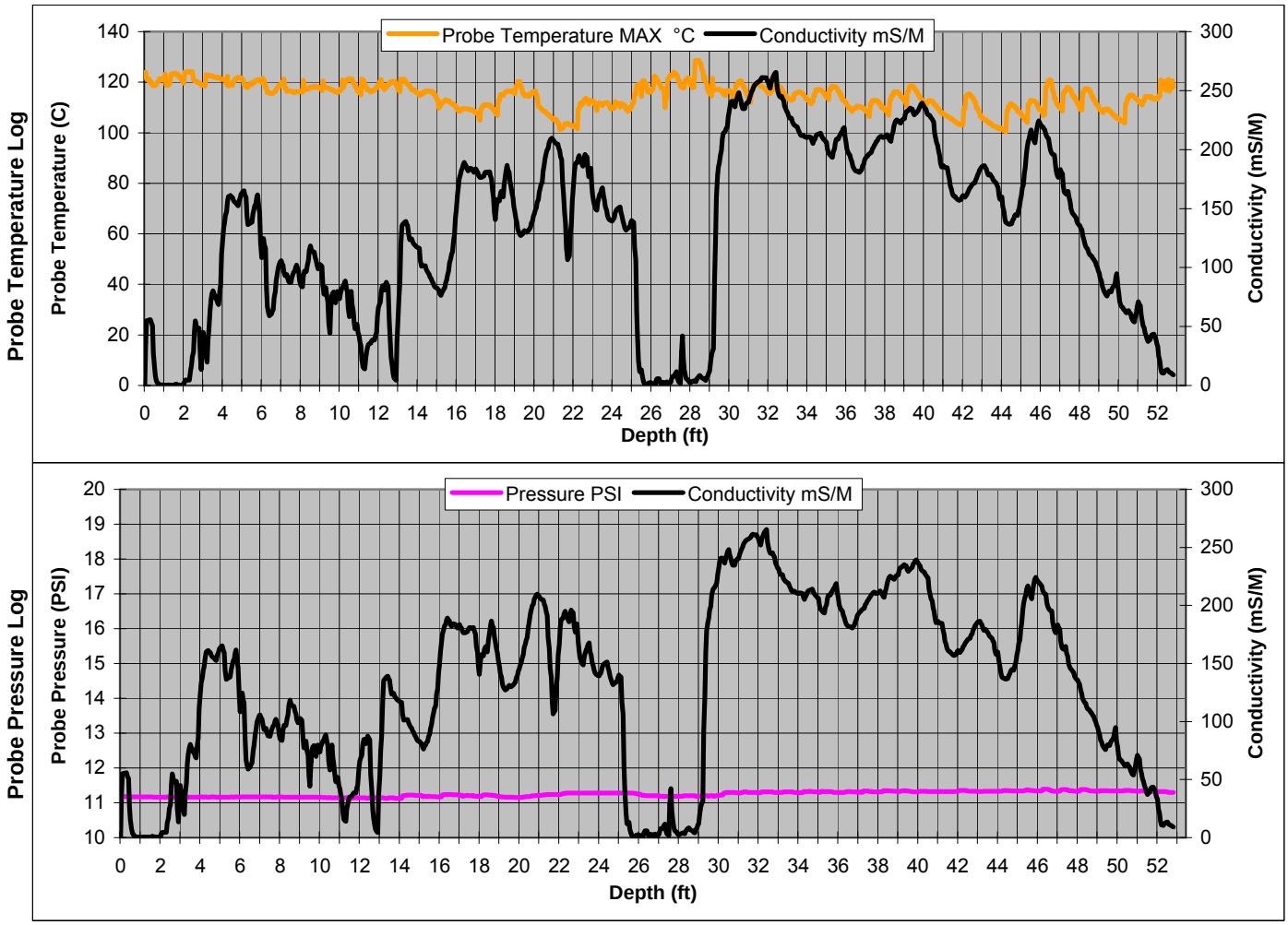
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-28	Detector 1 :	Electron Capture (ECD)
		Date:	Mar 01 2006	Detector 2 :	Photo Ionization (PID)
		Time:	08:37	Detector 3 :	Flame Ionization (FID)



MIP Log Results by Boring - Detector Reading vs. Depth

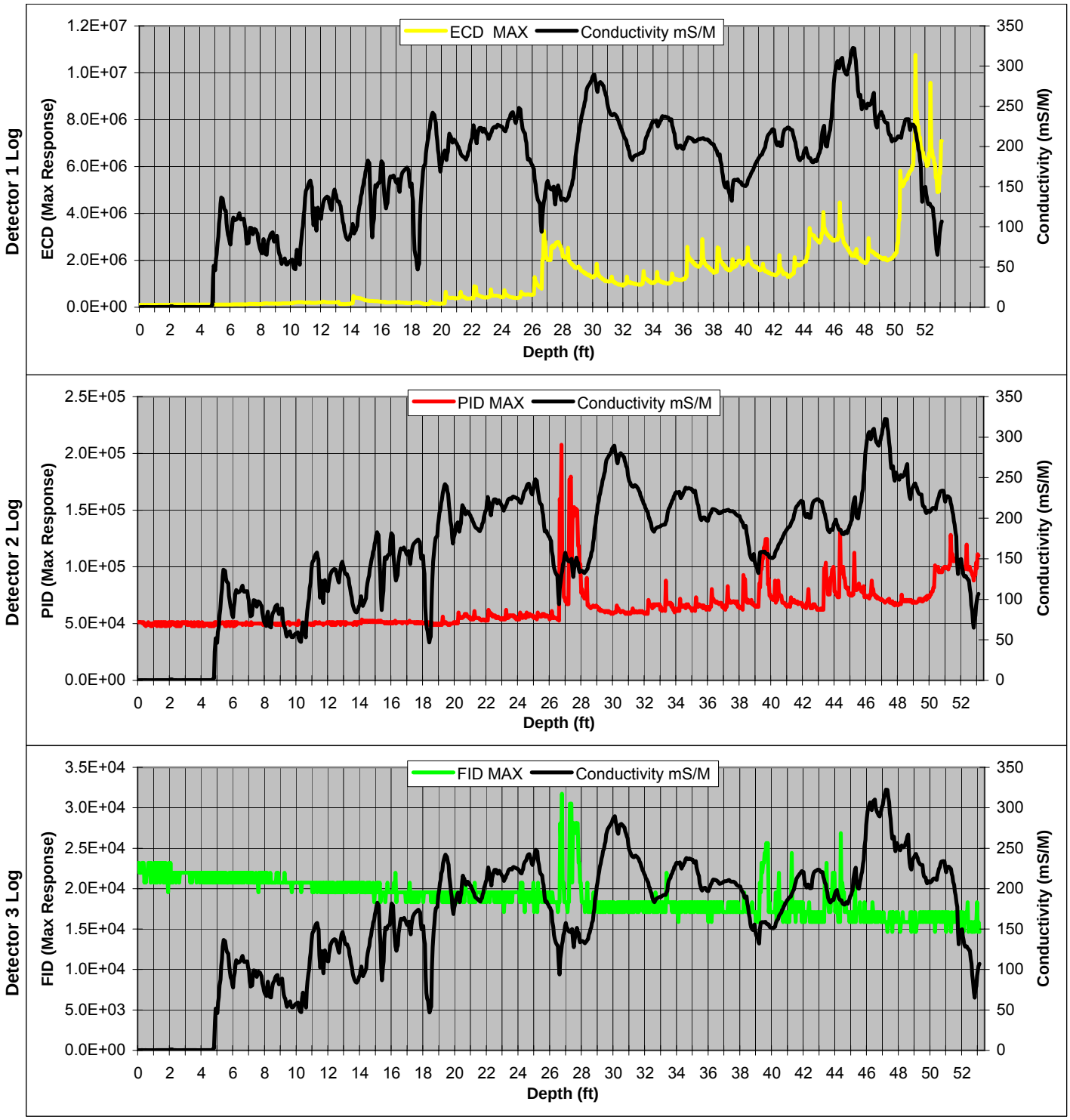
Client:	CDM	Boring I.D.:	MIP-28	Graph 1 :	Probe Temperature (C)
		Date:	Mar 01 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	08:37		



Explanation: Hand auger to 5 ft. By Vironex.

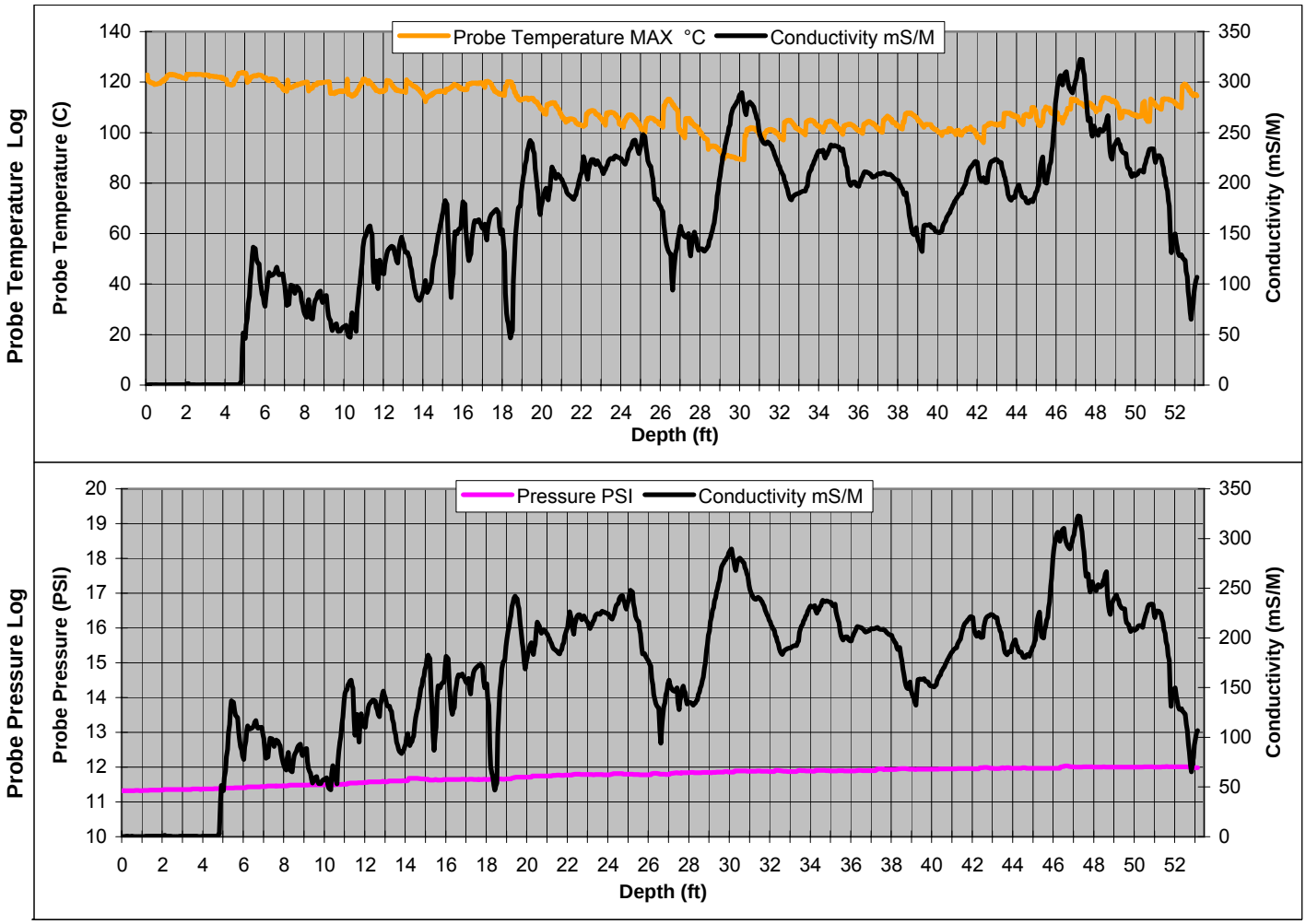
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-27	Detector 1 :	Electron Capture (ECD)
		Date:	Mar 01 2006	Detector 2 :	Photo Ionization (PID)
		Time:	11:10	Detector 3 :	Flame Ionization (FID)



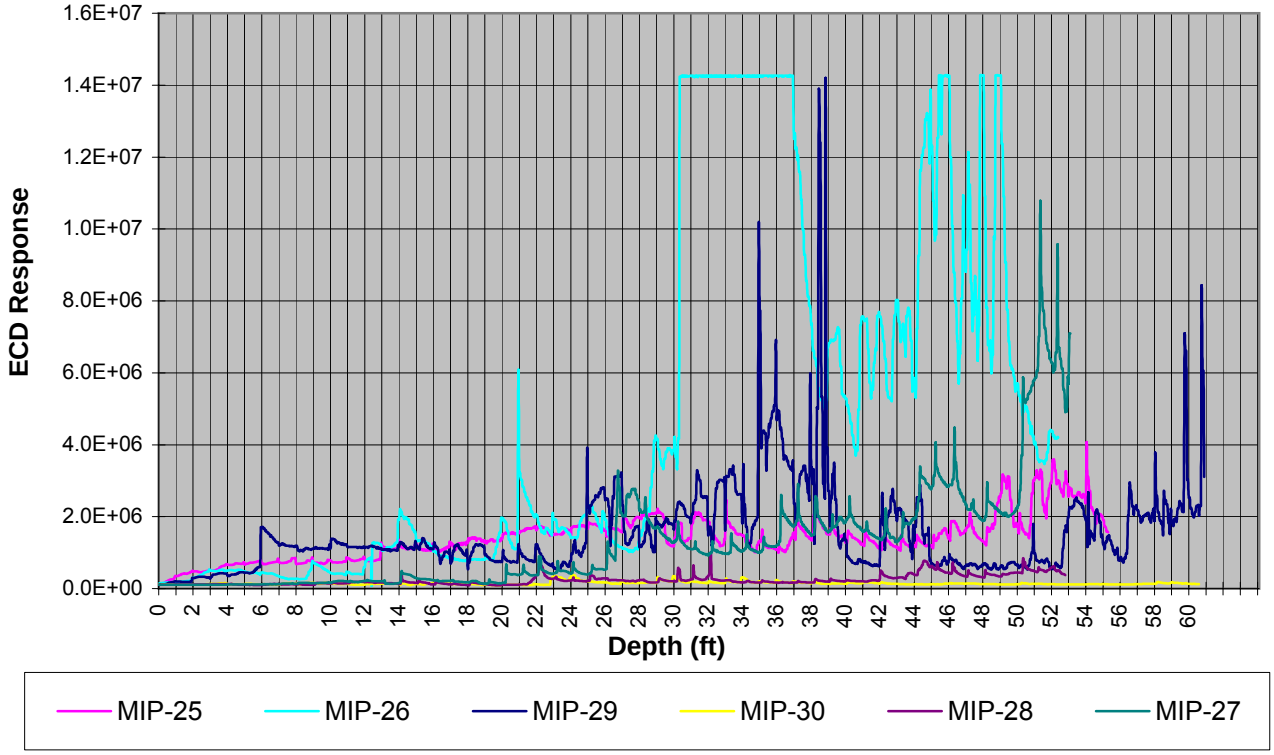
MIP Log Results by Boring - Detector Reading vs. Depth

Client:	CDM	Boring I.D.:	MIP-27	Graph 1 :	Probe Temperature (C)
		Date:	Mar 01 2006	Graph 2 :	Probe Pressure (PSI)
		Time:	11:10		

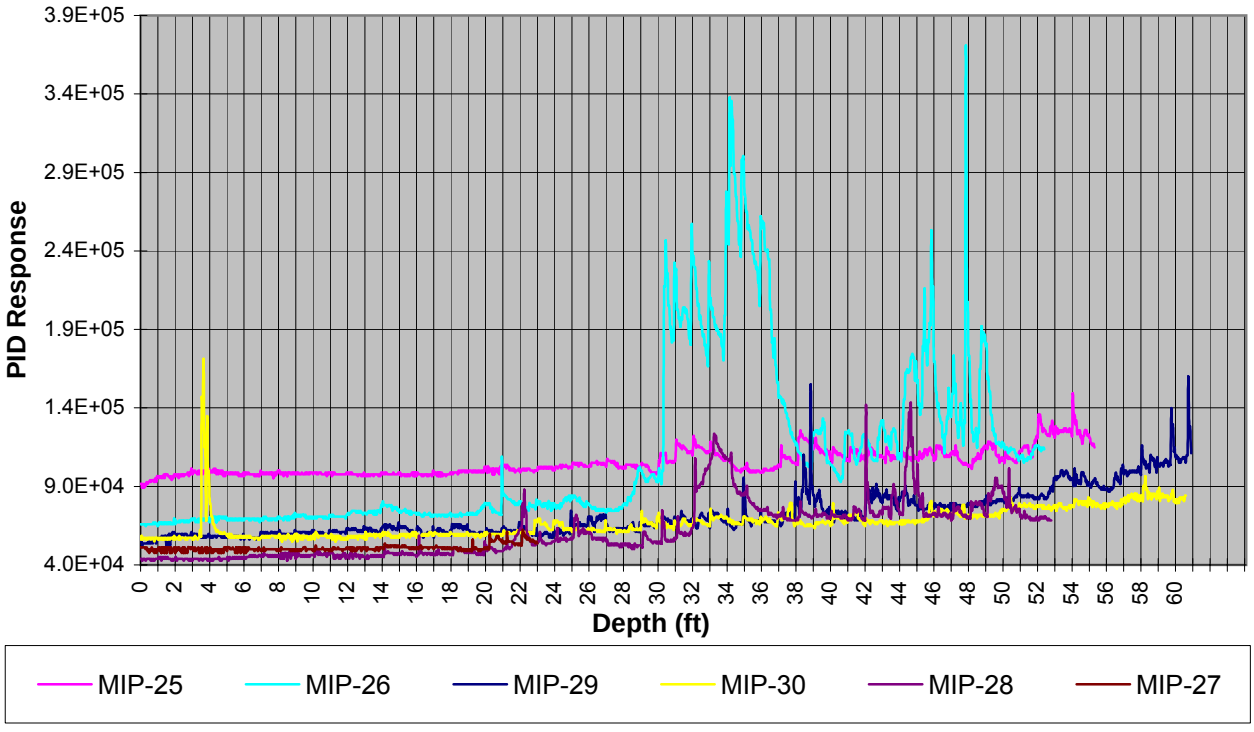


Explanation: Hand auger to 5ft. By Vironex.

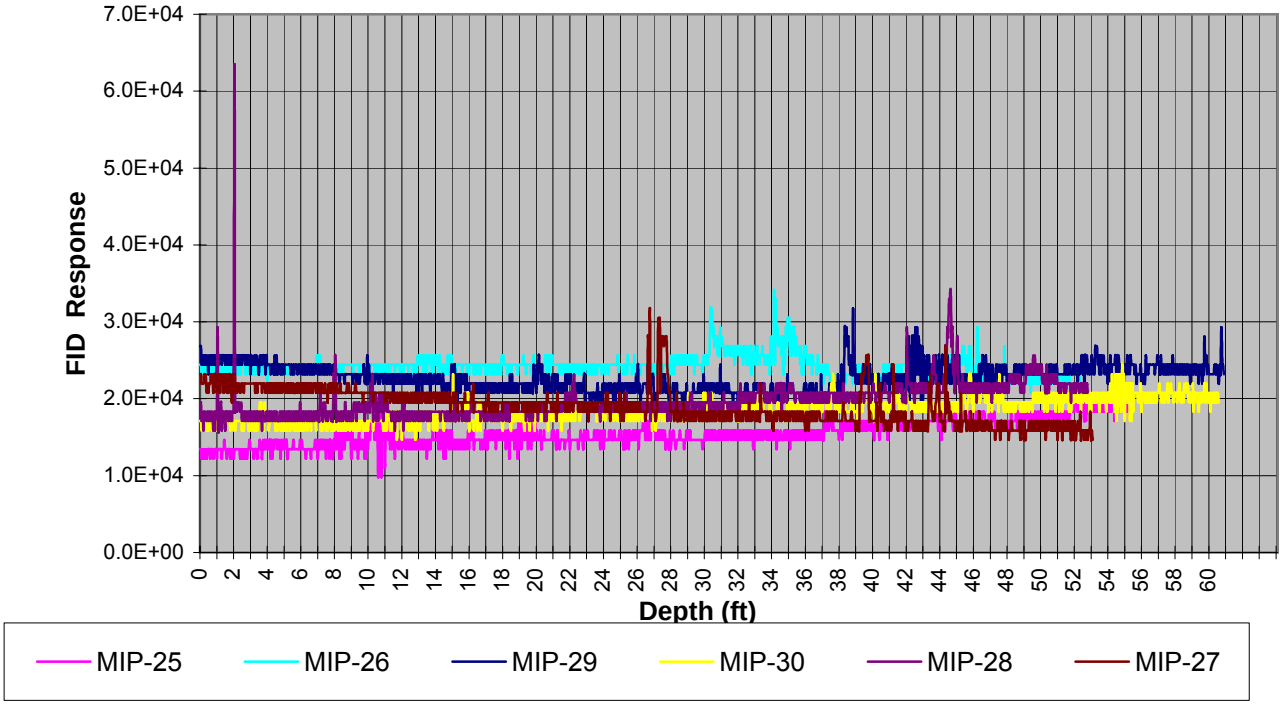
Maximum ECD Response Same Scale



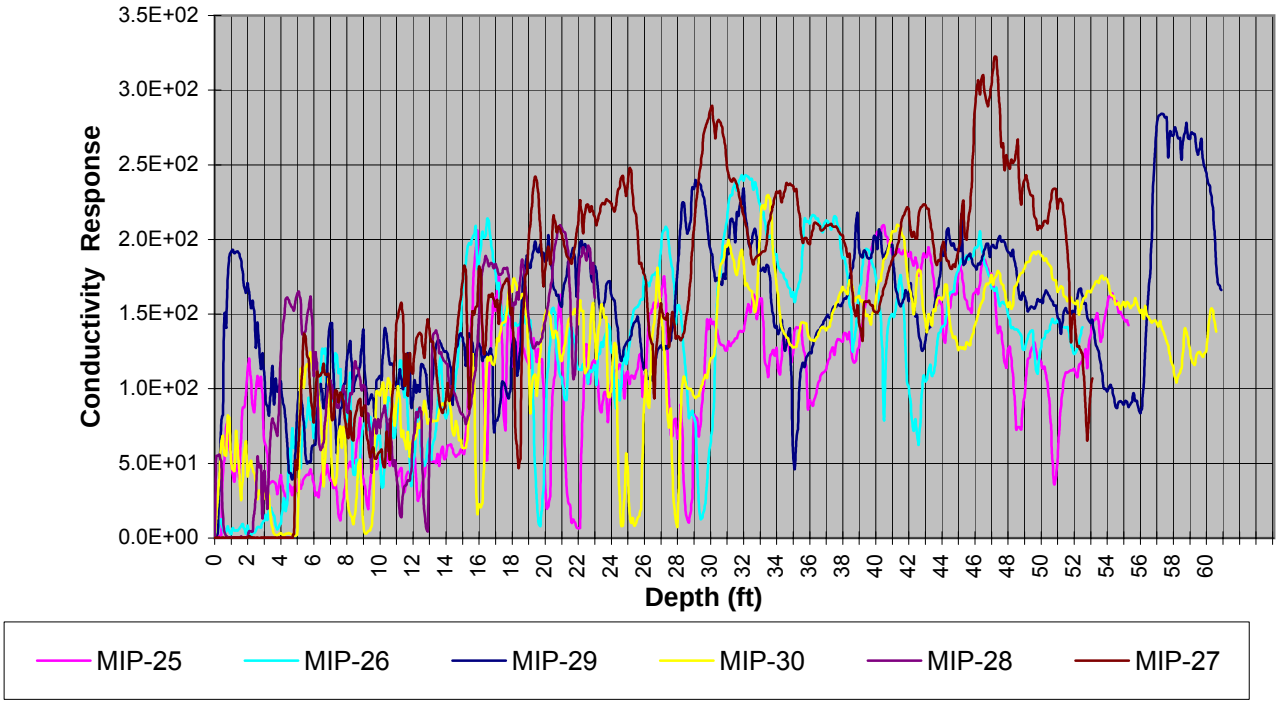
Maximum PID Response Same Scale



Maximum FID Response Same Scale



Conductivity Response Same Scale



ATTACHMENT B

SOIL PHYSICAL PROPERTIES DATA

FIELD SCREENING RESULTS

PHYSICAL PROPERTIES DATA

PROJECT NAME: Omega Chemical
PROJECT NO: 10500-37240

	METHODOLOGY:	ASTM D2216		API RP40		WALKLEY-BLACK	ASTM D5084	
							25.0 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENT. (1)	MOISTURE CONTENT (% wt)	BULK DENSITY (g/cc)	TOTAL POROSITY, % Vb (2)	TOTAL ORGANIC CARBON mg/kg	NATIVE STATE EFFECTIVE PERMEABILITY TO WATER (3,4) (millidarcy)	NATIVE STATE EFFECTIVE HYDRAULIC CONDUCTIVITY (3,4) (cm/s)
MIP8-B4-8	8.70	V	21.4	1.52	42.8	1750	--	--
MIP8-B4-29	29.15	V	25.6	1.52	42.4	2150	--	--
MIP8-B4-33	33.15	V	20.3	1.77	33.0	1750	0.884	8.33E-07
MIP8-B4-40	39.15	V	24.9	1.56	40.9	910	--	--
MIP8-B4-56	56.85	V	19.8	1.68	36.7	770	--	--
MIP22-B5-26	26.80	V	15.8	1.64	38.2	790	--	--
MIP22-B5-36	37.90	V	18.8	1.66	37.6	690	--	--
VP21-B6-20	20.90	V	22.1	1.59	40.2	760	--	--
VP21-B6-29	29.15	V	22.7	1.57	40.9	670	--	--
VP21-B6-35	35.80	V	18.2	1.66	37.4	740	0.887	8.30E-07
VP21-B6-43	43.30	V	19.6	1.58	40.3	640	--	--
VP21-B6-48	49.90	V	22.6	1.65	38.0	1300	--	--
MIP21-B7-29	29.30	V	23.5	1.54	41.6	1200	--	--
MIP21-B7-35	35.80	V	21.8	1.59	39.6	1700	0.706	6.63E-07
MIP21-B7-44	44.20	V	27.5	1.55	49.1	1200	--	--
MIP21-B7-55	53.80	V	12.0	1.63	39.7	510	--	--

(1) Sample Orientation: H = horizontal; V = vertical (2) Total Porosity = no pore fluids in place; all interconnected pore channels; Air Filled = pore channels not occupied by pore fluids (3) Native State = As received with pore fluids in place (4) Permeability to water and conductivity measured at saturated conditions Vb = Bulk Volume, cc; Pv = Pore Volume, cc; ND = Not Detected

SUMMARY OF FIELD SCREENING RESULTS FOR SOIL GAS SAMPLES
OMEGA CHEMICAL SUPERFUND SITE

Sample Location	Sample Depth (ft bgs)	Sample Date	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	PID (ppmv)
OC-SG-022-VP29-030606	22	3/6/2006	11:55 AM	0.1	1.8	16.8	68.7/1.5*
OC-SG-029-VP29-030606	29	3/6/2006	11:58 AM	0.1	2.3	17.3	85.4/1.5
OC-SG-048-VP29-030606	48	3/6/2006	12:00 PM	0.1	3.4	16.1	189.3/1.5
OC-SG-021.5-VP20-030606	21.5	3/6/2006	12:06 PM	0.1	3.5	17.8	24.4/1.5
OC-SG-029-VP20-030606	29	3/6/2006	12:02 PM	0.1	1.8	18.1	12.2/1.5
OC-SG-051-VP20-030606	51	3/6/2006	12:04 PM	0.0	0.5	19.8	24.4/1.5
OC-SG-027-VP24-030606	27	3/6/2006	2:10 PM	0.1	0.1	21.1	7.6/1.5
OC-SG-035-VP24-030606	35	3/6/2006	2:12 PM	0.1	1.7	18.7	33.5/1.5
OC-SG-039-VP24-030606	39	3/6/2006	2:15 PM	0.1	1.1	19.2	25.9/1.5
OC-SG-036-VP25-030606	36	3/6/2006	2:45 PM	0.1	0.7	21.3	3.0/1.5
OC-SG-029-VP25-030606	29	3/6/2006	2:49 PM	0.1	2.5	18.5	3.0/1.5
OC-SG-025-VP25-030606	25	3/6/2006	2:55 PM	0.0	0.0	22.5	1.5/1.5
OC-SG-020-VP28-030706	20	3/7/2006	9:35 AM	0.1	0.4	18.4	33.5/1.6
OC-SG-029-VP28-030706	29	3/7/2006	9:37 AM	0.1	0.2	19.6	14.4/1.6
OC-SG-043-VP28-030706	43	3/7/2006	9:40 AM	0.1	0.3	20.1	25.6/1.6
OC-SG-048-VP21-030806	48	3/8/2006	12:45 PM	0.0	1.0	17.1	222/1.0
OC-SG-043-VP21-030806	43	3/8/2006	12:50 PM	0.0	4.0	14.6	591/1.0
OC-SG-035-VP21-030806	35	3/8/2006	12:55 PM	0.0	0.4	20.1	48.3/1.0
OC-SG-029-VP21-030806	29	3/8/2006	1:10 PM	0.1	0.2	19.2	44.0/1.0
OC-SG-020-VP21-030806	20	3/8/2006	1:15 PM	0.1	0.5	20.5	35.4/1.0
OC-SG-039-VP22-030806	39	3/8/2006	1:35 PM	0.1	0.0	22.8	1.0/1.0
OC-SG-027-VP22-030806	27	3/8/2006	1:40 PM	0.1	5.6	16.0	11.1/1.0
OC-SG-018-VP22-030806	18	3/8/2006	2:03 PM	0.1	1.2	19.6	7.5/0.0
OC-SG-045-VP23-030906	45	3/9/2006	9:05 AM	0.1	2.9	11.0	8.8/1.7
OC-SG-029-VP23-030906	29	3/9/2006	9:14 AM	0.1	4.2	14.2	5.2/1.7
OC-SG-022-VP23-030906	22	3/9/2006	9:20 AM	0.1	0.5	19.2	5.2/1.7

Notes:

Samples analyzed using Land Tech and TO-15 in lab
If cell is blank, analyte was not reported.
ft bgs = Feet below ground surface
PPMV = Parts per million per unit volume
PID = Photoionization Detector
* - Second PID Reading represents background

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

March 15, 2007

Mr. Edward Modiano
OPOG Project Coordinator
De Maximis, Inc.
5225 Canyon Crest Drive, Building 200, Suite 253
Riverside, CA 92507

RE: Technical Memorandum, Soil Vapor Extraction Test Initial Findings, Omega Chemical Superfund Site, CDM, February 5, 2007; and Addendum to February 5, 2007 Technical Memorandum, Soil Vapor Extraction Pilot Test, Omega Chemical Superfund Site, CDM, March 7, 2007

Dear Mr. Modiano:

The purpose of this letter is to provide EPA's comments on the subject documents. The 3/7/07 memorandum must be re-submitted and approved by EPA before the Soil Vapor Extraction (SVE) pilot test can continue. EPA approval of the 2/5/07 memorandum is not required and that document need not be re-submitted, although the comments should be incorporated into future submittals (e.g., the revised version of the 3/7/07 document).

Addendum to February 5, 2007 Technical Memorandum, Soil Vapor Extraction Pilot Test, Omega Chemical Superfund Site, CDM, March 7, 2007

1. As previously communicated to OPOG, the results of SVE Pilot Test must be incorporated into the draft Feasibility Study (FS) report submitted to EPA. See comment 1, under "On-Site Soils RI/FS Schedule" in EPA's letter of 11/30/06, and the first paragraph of my 1/5/07 email to you. OPOG's approved schedule for the RI/FS shows that the draft FS report will be submitted to EPA May 3, 2007. Any request to amend that schedule should be submitted to EPA in writing as soon as possible, and include the reasons for the proposed extension. Note that only the primary objective in the 3/7/07 document is necessary to complete the FS.
2. During the 3/8/07 conference call, OPOG indicated that vapor extraction rates and concentrations in the deeper vadose zone (below 30 feet) would be determined during the design phase of a full scale system, if such a system becomes part of

the OU-1 remedy. This is acceptable if OPOG installs a minimum of three additional deep vapor monitoring probes, one at each of the newly proposed wells on the Terra Pave property, to evaluate communication across the 30-foot layer. The probes can be installed as nested wells in the same boring as the corresponding extraction wells, with screens at approximately 35-40 feet below ground surface, and a seal separating the deep and shallow screen intervals.

3. The proposed procedures for evaluating the pressure effects below 30 feet are missing. Vapor extraction from the existing well(s) will be required, because the new wells are too far from the proposed deep vapor monitoring probes. Unless OPOG presents rationale for a different approach, the testing should include extraction from VE4M at a constant rate with the collection of transient pressure data from the new probes and existing wells on the former Three Kings Construction property. The test should continue until a steady pressure response is recorded in the deep probes, or at least one day if no response is measured. Pressure in all deep probes should be monitored for the entire duration of the pilot testing.

Technical Memorandum, Soil Vapor Extraction Test Initial Findings, Omega Chemical Superfund Site, CDM, February 5, 2007

General Comments

1. Section 9: Include extraction wells and pressure monitoring points screened below the 30-foot unit in future testing as requested in EPA's letter of August 14, 2006. The effectiveness of soil vapor extraction (SVE) cannot be reliably evaluated without the testing of the deeper zone. All the cross-sectional pressure distribution plots in Appendix D are based on the assumption that the 30-foot unit is a complete vapor flow barrier; such barrier effect cannot be asserted without direct field observations.

Specific Comments

1. Section 2, Objectives, Second Paragraph: Delete "west and" from the sentence about the slope of the 30-foot unit.

2. Section 2, Objectives, Second Bulleted Item: This objective involves confirming the ability of the vapor-phase granular activated carbon (GAC) to treat extracted vapors to appropriate discharge limits. Part of this confirmation should have included analytical profiling of the spent GAC at the end of the test. Was the GAC profiled and are the data available for review?

3. Section 2, Deviation from Work Plan, First Bulleted Item: The text discusses two technologies: GAC, and condensation-based vapor treatment. In the discussion, it is not clear which technology is being discussed when it refers to "this technology."

4. Section 2, Deviation from Work Plan, First Bulleted Item: The testing of condensation-based vapor treatment was cancelled because of concerns about the availability of this technology at the scale needed for a full-scale system to treat

thousands of cubic feet per minute (cfm). What is the preliminary design SVE extracted air flow rate? Would thousands of cfm be extracted, which would preclude condensation technologies? Also, Section 9, Recommendations for Proposed Additional Testing, discusses the likely use of condensation technologies if the VOC mass in the proposed test expansion area is very high without the consideration of treatment system scalability issues. The discussions on the applicability of condensation technologies are not consistent in this memorandum.

5. Section 2, Deviation from Work Plan, Second Bulleted Item: The text says, "The work plan called for collection of transient vacuum readings during a minimum of two of the step tests to allow for calculation of intrinsic permeability of the soils. These readings were inadvertently not collected…" Additional explanation would be necessary to support the statement that the collected data provide "a more technically sound basis" for the design; i.e., explain how OPOG will use the results from the transient portion of the test.

6. Section 3: Provide a table or drawing with the distances between the test wells (with more detail than shown in Figure D-2; in other words, provide distances between the shallow and deep wells for each well pair).

7. Section 4, Equipment Setup, Vapor Treatment: The last sentence in this section states that the photoionization detector (PID) was calibrated with hexane. In contrast, in the next subsection, entitled "Other Equipment Used During Testing," the second bullet item states that the PID was calibrated with isobutylene. Clarification is needed regarding which calibration gas was used and if a PID calibration error had been made that could impact the data collected.

8. Section 4, Page 5: Add a bullet about the dilution of the soil vapor extracted from the well by the ambient air. Explain why was it done, and how does this affect the calculation of the mass removal rate by the GAC system. CH2M HILL's field observation indicated that the flow rate of the dilution air was not monitored.

9. Section 4, Page 5, Fourth Bulleted Item: The text says, "2-inch diameter (25-125 acfm flow range) and 3-inch diameter (50-250 acfm flow range)... Some flow rate inconsistencies were noted due to the need to alternate between meters for different steps (due to range differences)." Address the significance of these flow rate inconsistencies (i.e., how significant were they?). Per CH2M HILL's oversight observation for the test on October 27, 2006, the 2-inch meter was out of range (implying the flow rate was > 125 acfm), while the 3-inch meter read 100 acfm. This discrepancy should be included in the result discussion section.

10. Section 7: Provide the rationale for considering 0.1 inch of water vacuum to be the limit of the SVE influence (such as pressure gradient, vapor flow velocity, or published empirical studies). This comment also applies to Section 8, third bulleted item. Explain how the radius of influence (ROI) was estimated. Also, Figure D-2 shows only one test, VE-4M ; there is no figure showing the ROI for the shallow wells. Explain whether this (radius of 75 feet) is applicable to the other tests.

11. Section 7, Radius of Influence, First Paragraph: The text says, "The corresponding vapor extraction rate ranged between 50 and 70 standard cubic feet per minute

(scfm) for the shallow wells and 68 to 103 scfm for the medium wells (Figure D-2)." First, show the conversion from the unit acfm (the unit shown on the meter) to scfm. Second, the discrepancy between the two flowmeters should be mentioned here. State which meter was used for the shallow wells and which for the medium-depth wells. The flow rate difference between the shallow and the medium-depth wells could be a direct result of the specific meters being used.

12. Section 7, Radius of Influence, Second Paragraph: The text says, "This indicates that the soils are sufficiently and uniformly permeable…" Delete "uniformly." The flow rate ranges suggest the soils are not uniform.

13. Section 7, VOC Mass Removal Rates, Second Paragraph: It is stated that these VOC data can be used to determine breakthrough times for each VOC. No discussion of breakthrough times was presented in this memorandum.

14. Section 7: Show graphically and discuss the relation between the applied wellhead vacuum and vapor flow rate. Note that this is an important design consideration.

15. Section 7: State whether multi-component sorption will be considered for the prediction of carbon breakthrough (such as using US Filters' models or similar). Present the calculations used to determine the total mass of VOCs and the VOC mass-removal rates. Indicate how results reported as not detected below the reporting limit are treated in the calculations. Strictly speaking, the unit *pound* represents weight, not mass. Verify that the conversion from parts per billion by volume (ppbv) to parts per million by volume (ppmv) was done correctly and that the results are plotted correctly. For example, on October 25, 2006, the total VOCs in Table 6-1 are 357,940 ppbv. This result for October 25, 2006, is between 4,000 and 5,000 ppmv in Figure 7-1; this does not appear to be correct. See also the next comment.

16. Figure 7-1: The data plotted in the last portion of the graph for the period November 14 through November 22, 2006, are not consistent with the data shown in Table 6-1. For example, for November 22, 2006, Figure 7-1 shows a total VOC value of about 3,700 ppmv, whereas Table 6-1 shows a value of 318,000 ppbv (corresponds to 318 ppmv) for this same date. The tables and graphs need to be reviewed for consistency.

17. Figures 7-1 and 7-2: Show also the vapor flow rate.

18. Figures 7-2 and 7-3: Change time scale to days so that the figures correspond to the units used in the text.

19. Section 9 Recommendations for Proposed Additional Testing, First Paragraph: The benefits of the proposed expansion of the SVE testing in the area between Star City Auto Body and the Medlin building are summarized in four listed items. The fourth listed benefit is as follows: "determine the impact of removal on the total VOC mass in the vadose zone." This is not an objective of the pilot test; delete this bullet.

20. Section 9, First Paragraph: Explain how four wells are enough to achieve the stated benefits, which were to "determine the heterogeneity of the soil throughout the site," and "confirm the earlier results that indicate a design ROI of 75 feet is achievable

throughout the site" (last sentence of the second paragraph). The proposed well spacing is intended to confirm earlier results, which indicate that a design ROI of 75 feet is achievable throughout the site, and provide important information on the efficacy of SVE in other areas of the site. However, three of the four proposed wells are 150 feet apart with no monitoring wells in the area. Explain how the 75-foot ROI will be confirmed in this area with the proposed wells.

21. Section 9, Page 8, Last Paragraph: Delete the second sentence in this paragraph. Since the risk assessment has not been approved, conclusions regarding completed exposure pathways are premature.

22. Section 6, Analytical Sampling, and Appendix C: The analytical results presented do not include any quality control results other than blanks and duplicate samples. When this testing is incorporated into the Feasibility Study, the document will need to describe the level of quality control required, the applicable limits, the level of data review and validation, and any findings that effect data usability in terms of the Quality Assurance Project Plan objectives.

23. Table 7-1: Explain the meaning of the red color of some of the table entries.

24. Figure D-2: Delete "Wellhead" from the legend entry "Wellhead VE-4M Pilot Test Vacuum Distribution"; wellhead vacuum is, by definition, applied at the extraction well.

25. Figure D-4: Explain why the pressure contours intersect the well screen.

26. Figures B-1 to B-10: Plotting the ratio of the monitoring point vacuum to the applied wellhead vacuum versus the radial distance from the extraction well would better reveal (1) whether a steady state pressure distribution was achieved, (2) the distribution of vacuum with distance, and (3) measurement noise (or errors).

27. Appendix B: Identify and explain inconsistencies in the measurements of vapor flow rate, wellhead vacuum, and vacuum at the pump. A complete description of how the vacuum pump was operated and controlled is needed. Intuitively, statements made in several locations such as "the dilution air was reduced to reduce the pump vacuum level" do not seem correct.

28. Appendix B, VE-4S, VE-3M: Increasing vacuum readings indicate transient conditions. Acknowledge that steady-state pressure distribution was not achieved, and discuss the implications.

29. Appendix B, VE-3M: Use the terms vacuum or pressure, not "vacuum pressure."

30. Appendix B, Last Sentence: Add that the system was shut down because the scope of the testing defined by the EPA approved Work Plan has been completed.

31. Appendix B: Include figures/tables for the five paired tests.

32. Appendix D: Figure D-3 is missing, and Figure D-4 was included twice (the figure was sent separately later).

33. Table 7-1: Explain how the total VOC concentration in µg/L was calculated.

34. Figures E-1 through E-3: It is not clear whether the concentrations shown in the figures are based on the samples taken directly from the extraction wells or samples taken from the influent to the GAC system. If it is the latter, then explain how the dilution air was treated. It appears that the concentrations shown on Figure E-3 for the combination tests are higher than both the shallow and the medium alone.

35. Table B-2 through B-11: Multiple readings were taken during each step. Only single values are shown on figures included in Appendixes B and D. Explain the variations of the different readings and which ones were posted on the figures

If you have any questions about these comments please call me at (415) 972-3149.

Sincerely,

Chris Lichens
Superfund Project Manager

cc: Lori Parnass, DTSC
Tom Perina, CH2M Hill
Dave Chamberlin, CDM

CDM

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Memorandum

To: *Chris Lichens - USEPA*

From: *Dave Chamberlin - CDM*
John Eisenbeis - CDM

Date: *March 7, 2007*

Subject: *Addendum to February 5, 2007 Technical memorandum*
Soil Vapor Extraction Pilot Test
Omega Chemical Superfund Site
10500-37240-T2.OSS.SVEOP

As discussed at the February 27, 2007 technical meeting among U.S. Environmental Protection Agency (USEPA) and Omega Chemical Site Potentially Responsible Party Organized Group (OPOG) representatives in San Francisco, this memorandum is intended to describe limited additional components to be included in the second phase of the soil vapor extraction (SVE) pilot test at the Omega site. Specifically, Section 9.0 of the subject February 5, 2007 Technical Memorandum (TM) proposed the installation and testing of four new shallow (screened approximately 10 to 30 feet below ground surface [bgs]) SVE wells, to be located in the northwest quadrant of the site. Data collected prior to and during the initial pilot test conducted in the fall of 2006 indicate that the vadose zone can be divided into three generalized stratigraphic horizons – relatively permeable material from the ground surface to approximately 30 feet bgs referred to as the shallow vadose zone; a relatively lower permeability zone of approximately 4 to 11 feet in thickness (referred to as "the 30-foot unit"); and the remaining vadose zone between the 30-foot unit and groundwater, referred to as the deep vadose zone. This memorandum proposes the installation of three vapor monitoring probes, two in the deep vadose zone below the 30-foot unit, and one within the 30-foot unit. The draft RI report describes a lower conductivity interbed in the middle of the 30-foot unit which likely consists of higher permeability siltier materials. Installation of the vapor monitoring probe within the 30-foot unit will target the lower permeability materials.

Objectives

The primary objective of the three vapor monitoring probes noted above is to determine if there is pneumatic communication across the 30-foot unit.

Furthermore, restarting of the pilot test with the additional new wells would be performed to meet the following additional objectives:

1. Collect sufficient temporal extraction data to determine if trends in influent volatile organic compound (VOC) concentrations should be expected as a result of vapor migration and/or desorption of contaminant mass, and

2. Collect sufficient temporal extraction data to determine if seasonal trends in potential vapor extraction rates should be expected.

These objectives are in addition to those enumerated in the first paragraph of Section 9.0 of the February 5, 2007 TM, and elaborated on in the remainder of that section.

Scope of Work

In addition to the wells described in the February 5, 2007 TM, OPOG proposes to install two 1-inch diameter vapor monitoring probes in the deeper vadose zone that would be screened from approximately 35 to 45 feet bgs. Also, one 1-inch diameter vapor monitoring probe is proposed to be screened within the 30-foot unit itself. Owing to the limited thickness of the 30-foot unit, this latter probe would likely have a screened section of one foot in length.

The deeper vapor monitoring probes are proposed in addition to the overlying shallow vadose zone wells to determine the degree of vertical vapor transmission across the 30-foot unit. The 1-inch-diameter vapor monitoring probes proposed are for pressure monitoring purposes only.

The locations of the proposed three additional vapor monitoring probes are shown on Figure 1. As shown, the probes are proposed for the middle of the Omega property, and will be situated adjacent to existing shallow SVE wells.

Schedule

OPOG will implement installation of all new wells (four shallow) and vapor monitoring probes (two deep and one in the 30-foot unit) within two weeks of approval by USEPA. All new wells and vapor monitoring probes should be installed within approximately one week. The restarted pilot test would then commence within approximately one week of installation.

The specific duration of the restarted pilot test cannot be determined at this time. However, in order to achieve the objectives noted above, OPOG expects that the pilot test will be conducted for a duration of three to six months.

Legend

- Omega Chemical Superfund Site
- Building
- Property Boundary
- Soil Vapor Extraction Well
- Proposed Shallow SVE Well Locations
- Proposed Vapor Monitoring Probe Below the 30 Foot Unit
- Proposed Vapor Monitoring Probe In the 30 Foot Unit

0 15 30 60
Feet

CDM

Omega Chemical Super Fund Site
Location of Proposed Additional SVE Wells and Vapor Monitoring Probes
Figure 1

CDM

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Memorandum

To: *Chris Lichens - USEPA*

From: *Dave Chamberlin - CDM*
John Eisenbeis - CDM

Date: *February 5, 2007*

Subject: *Technical Memorandum*
Soil Vapor Extraction Pilot Test Initial Findings
Omega Chemical Superfund Site
10500-37240-T2.OSS.SVEOP
10500-5.2.3

1.0 Introduction

Camp Dresser & McKee Inc. (CDM) has prepared this Technical Memorandum (TM) on behalf of the Omega Chemical Site Potentially Responsible Party (PRP) Organized Group (OPOG) to present the findings of soil vapor extraction (SVE) pilot testing at the Omega Chemical Superfund Site (Site). This document has been prepared in accordance with the Statement of Work (SOW) in Consent Decree (CD) No. 00-12471 between the United States Environmental Protection Agency (EPA) and OPOG, which required OPOG to implement a vadose zone remedial investigation/feasibility study (RI/FS) for contaminant releases on, at, or emanating from the Site. The CD was lodged on November 24, 2000 and entered into the US District Court on February 28, 2001.

The Site consists of the former Omega Chemical Corporation property encompassing approximately one acre located at 12504 and 12512 East Whittier Blvd. and the Phase 1a Area. As defined in the CD and illustrated on Figure 1-1, the Phase 1a Area is the area of soil and groundwater contamination associated with the Omega property and extending downgradient approximately 100 feet southwest of Putnam Street.

The pilot test was conducted to collect data to confirm the feasibility of SVE and to assist in the design and implementation of a potential full-scale SVE system at the Site, if appropriate. The primary volatile organic compounds (VOCs) at the Site and adjacent parcels are

tetrachloroethene (PCE), trichloroethene (TCE), 1,1-dichloroethene (1,1-DCE), Freon 113, and Freon 11.

The pilot test was performed according to the methods described in Soil Vapor Extraction Pilot Test Work Plan (CDM, August 4, 2006) and consisted of two types of tests: step testing and a multi-week pilot test. The step testing was performed to evaluate the relationship between applied vacuum at the SVE wells and 1) the resulting vapor flows; and 2) the resulting vacuum distributions in the subsurface around the wells. The multi-week test provided design information for potential implementation of the SVE technology once near-equilibrium conditions had been established by operating the SVE system for several weeks. In addition, extended operation provided data concerning the mass of contaminants in the vicinity of the test wells.

2.0 Objectives

The overall objectives of the SVE pilot test were to collect additional data which will be used in the selection, design, and implementation of the overall on-site soils remedy for the Site. Specifically, the collected data will aid in selecting the most appropriate SVE design parameters for a potential full-scale system at the Site.

It should be noted that, during the recently completed remedial investigation, an important lithologic layer starting at an approximate depth of 30 feet bgs (hereinafter referred to as the 30 foot clay unit) was noted in borings advanced at the Site and in the vicinity. The 30 foot clay unit is between 3.5 to 11 feet thick, and the top of the unit slopes to the west and southwest (additional discussion is provided in Section 2.4.4 of the RI report). In addition, as discussed in Section 5 of the RI report, the unit appears to be an important factor in contaminant fate and transport at the Site.

Specific objectives for this pilot test included:

- Confirm the feasibility of SVE for site conditions above the 30 foot clay unit identified during implementation of the recently completed remedial investigation.
- Confirm the ability of vapor phase granular activated carbon (GAC) to treat extracted vapors to appropriate discharge limits.
- Estimate the contaminant mass removal rate in extracted vapors to size and select the treatment systems for a potential full-scale system and to evaluate air discharge permit issues.

- Estimate the achievable SVE treatment zone sizes for the interval above the 30 foot clay unit to serve as a basis to select well spacing and construction.

- Provide VOC mass removal data from SVE wells screened in two intervals to help in determining the VOC vertical distribution in the vadose zone above the 30 foot clay unit.

Deviations from Work Plan

The following items were changes from the methods described in the test work plan:

- The work plan called for testing of condensation-based vapor treatment; however, the GAC performed very well and there are concerns regarding the availability of this technology at the scale that would be needed for a full-scale system. Specifically, the manufacturer of this technology currently provides only 100 cubic feet per minute (cfm) units that can be run in series. Such an arrangement for a full-scale system that would need to treat thousands of cfm would be impractical. Therefore, this technology was not tested.

- The work plan called for collection of transient vacuum readings during a minimum of two of the step tests to allow for calculation of intrinsic permeability of the soils. These readings were inadvertently not collected; however, the vacuum distribution data that were collected provided a more technically sound basis on which to design the well spacing for a full-scale system. For completeness, the transient data will be collected as part of the proposed extended testing, if approved.

3.0 SVE Well Installation

Between September 7 and 11, 2006, 10 SVE/monitoring wells were installed on the Site for pilot testing purposes. SVE well locations are shown in Figure 3-1. The SVE wells were installed using 10-inch diameter hollow stem augers and constructed of 4-inch diameter Schedule 40 PVC. Each borehole was continuously sampled using a split spoon sampler to document the soil profile at each location. Five shallow-depth SVE wells (VE-1S to VE-5S) were screened from 12 to 22 feet with 20-slot (0.020-inch opening) perforated PVC casing. The total depth of the shallow-depth SVE wells was approximately 23 feet bgs. Five medium-depth SVE wells (VE-1M to VE-5M) targeted the thin sand layer that exists above the 30-foot clay unit. The total depth of these SVE/monitoring wells was approximately 36 feet, with a screened interval over the lower 10 feet which also used 20-slot perforated PVC casing. # 3 Monterey sand was used for filter pack around the well screens. Hydrated medium-sized bentonite chips (approximately 3 feet thick) were placed in the annulus above the filter pack. The rest of the annulus was backfilled with Portland cement (with 5% bentonite added) grout to the ground surface. Surfaces at each location were completed with a flush-grade, water-

tight, traffic-rated surface completions. Table 3-1 summarizes the SVE well construction details.

The lithology encountered during well installation was continuously logged from the surface to the final depth according to the Unified Soil Classification System. The boring logs are presented in Appendix A. Field activities were performed in accordance with CDM's Standard Field Procedures Manual and CDM Health and Safety Plan (HASP) for the Omega site. A CDM geologist was present during all of these Site activities.

During drilling and completion of the soil borings, headspace measurements using a MiniRAE photoionization detector (PID) were performed on soil samples at approximate 5-foot intervals. Recorded measurements ranged from 0.0 to 47 parts per million by volume (ppmv). In general, PID soil head space readings recorded during the drilling were above background levels.

4.0 Equipment Setup

This section summarizes the equipment used during the SVE pilot testing.

SVE System Equipment

Northstar Environmental Remediation (NER) was subcontracted to furnish, set up, and maintain a mobile SVE system. The SVE system used consisted of one 25 horsepower (HP) oil-sealed liquid ring pump (Dekker VMAX450) capable of extracting up to 200 actual cubic feet per minute (acfm) at a vacuum of 29 inches of mercury (in. Hg). The skid mounted system was also equipped with an air/water separator with a high water level shutoff switch and drain pump, a particulate filter, 240-volt, 3-phase, 60-amp control panel, vacuum and flow gages and other instrumentation as necessary to operate the system. All system piping, hoses, and conduits were installed above ground.

Vapor Treatment

Soil vapors were treated using two 1,000-pound GAC vessels installed in series to comply with requirements of a South Coast Air Quality Management District (SCAQMD) various-locations vapor treatment permit (Permit No. F78354). Sampling ports were installed at the wellhead and at various locations in the system to monitor and collect system influent and effluent vapor samples. The air discharge from the carbon vessels (effluent), as required by the SCAQMD permit, along with system influent and between the lead and lag GAC vessels were tested using a PID unit calibrated with hexane.

Other Equipment Used during Testing

The following additional equipment was used during testing:

- Subsurface pressure at vapor probes and non-operating wells were measured using magnehelic gauges or a digital pressure meter (OMEGA HHP-103).
- Concentrations of VOCs in the influent, effluent, and outlet (between the GAC units) streams were monitored with a MiniRAE 2000 PID unit, (11.7 eV ionization potential) and a PE Photovac Intrinsically Safe Handheld Flame Ionization Detector (FID) unit. The instruments were calibrated to 100 ppmv isobutelyene and hexane, respectively. 1-liter designated Tedlar bags were used to collect soil gas samples for field analysis.
- A WS-7394U Wireless 433 Mhz Weather Station was used to monitor barometric pressure changes.
- 2-inch diameter (25 to 125 acfm flow range) and 3-inch diameter (50 to 250 acfm flow range) direct read, in-line flow meters (AMETEK ROTRON) were used to measure flow rates at the wellhead and entering the primary GAC vessel. Some flow rate inconsistencies were noted due to the need to alternate between meters for different steps (due to the range differences).

Field equipments were calibrated in accordance with the manufacture's instructions. Instruments requiring field calibration were checked and adjusted before and after each day of use.

5.0 Pilot Test Procedures and Field Measurements

Between October 17 and November 9, 2006, CDM conducted 15 one-day step tests (10 single-well and five combination-well tests) at the 10 SVE well locations. The SVE system is located in the portion of the Site formerly occupied by 3 Kings Construction. Appendix B contains a detailed discussion of pilot test procedures and results. The field data collected during the pilot test are summarized in Tables 5-1 through 5-3. Graphs illustrating vacuum measurements collected at each well versus the applied vacuum at each step are also provided in Appendix B, Figures B-1 through B-10.

6.0 Analytical Sampling

Soil vapor samples were collected from the system influent, between the GAC canisters (outlet) and system discharge point (effluent) and analyzed for VOCs in accordance with EPA Method No. TO-15. Soil vapor samples were submitted to SunStar Laboratories, Inc (SunStar), a State-certified environmental laboratory located in Tustin, California. The air samples were

collected by using 1000 cubic centimeter (cc) silonite-coated steel canisters provided by SunStar. Table 6-1 summarizes the soil vapor analytical results. The laboratory analytical reports are provided as electronic pdf files on the compact disc in Appendix C.

7.0 Evaluation of Pilot Test Results

This section presents an interpretation of the test results with regard to the test objectives.

Radius of Influence

Typical pressure distributions (both plan view and in cross section) that were measured during testing are included in Appendix D, Figures D-1 through D-9. The achievable radius of influence (ROI) during the testing was typically greater than 75 feet. This uses a ROI that is defined by at least 0.1 in. H_2O vacuum. Such an ROI was typically achievable by applying approximately 10 in. Hg to the both shallow and medium wells. The corresponding vapor extraction rate ranged between 50 and 70 standard cubic feet per minute (scfm) for the shallow wells and 68 and 103 scfm for the medium wells (Figure D-2).

The vacuum distribution data indicate that vacuum was induced in the medium soil depths during operation of the shallow wells and vice versa. This indicates that the soils are sufficiently and uniformly permeable to allow the entire 30-foot interval of the vadose zone above the 30 foot clay unit to be remediated by SVE wells screened over one long interval (as opposed to the two screen intervals used for the test).

VOC Mass Removal Rates

The analytical results indicated that the VOCs most commonly detected in the soil vapor samples were PCE, TCE, 1,1- DCE, Freon 11, and Freon 113. Distributions of the VOC concentrations are illustrated for both shallow and medium SVE wells and are included in Appendix E (Figures E-1 through E-3).

These data can be used to determine breakthrough times for each VOC which can in turn be used as a basis to design full-scale GAC treatment units and estimate breakthrough times for such a system, as appropriate.

The VOC mass removal rate for the system was estimated by multiplying the linearly interpolated daily extraction flow rate by the linearly interpolated VOC concentrations of the soil gas samples. Analytical results of the system influent were used to calculate VOC mass removal rates (Figure 7-1). The estimated VOC mass removal rates and cumulative mass removal are presented in the operations summary (Table 7-1) and illustrated in Figures 7-2 and 7-3.

Between October 17, and November 22, 2006, approximately 415 pounds of VOCs were estimated to have been removed from the Site. In general, VOC mass removal rates of approximately 35 pounds per day (lbs/day) were achievable from each well, although the rates increased at those wells that were closer to the Star City Auto Body building.

Vapor Treatment

The soil vapor analytical data collected at the system influent, in-between carbon units, and at the effluent port of the GAC units indicated that the GAC was capable of removing all VOCs in the extracted vapors (Table 6-1). Based upon the recorded flow rates, it is estimated that approximately 7.2 million cubic feet of soil vapor were extracted and treated during this pilot test.

8.0 Conclusions

The following are the main conclusions of the pilot test performed as of the writing of this TM:

- SVE is a feasible technology for the vadose zone above the 30 foot clay unit.
- A ROI of at least 75 feet could be achieved at the shallow wells at an applied vacuum of approximately 10 inches of Hg. This resulted in a vapor extraction flow of approximately 50 to 70 scfm.
- A ROI of at least 75 feet could be achieved at the medium wells at an applied vacuum of approximately 10 inches of Hg. This resulted in a vapor extraction flow of approximately 68 to 103 scfm.
- VOC mass removal rates ranged from 2 to 84 pounds per day, depending on the SVE well operated. A total of 415 lbs of VOCs were removed during this pilot test. The results indicated that there is generally more VOC mass in the medium depth soils compared to the shallow depth soils.
- The GAC treatment units were capable of removing the VOCs found in the extracted soil vapors. The analyses of the samples that were collected at the GAC units provided a basis to evaluate and design GAC treatment for a potential full-scale SVE system, if appropriate.
- The vacuum distributions measured during testing indicated that single depth wells could be used to remediate soils above the 30 foot clay unit (as opposed to the dual depth wells that were used in this testing).

9.0 Recommendations for Proposed Additional Testing

In order to collect data that may be critical to evaluation and comparison of different SVE alternatives in the Feasibility Study, it is proposed that the SVE pilot testing be expanded to gather more data concerning the heterogeneity of the vadose zone in the source area and the peak and constancy of the VOC concentrations that may be encountered with a full-scale system. The site conceptual model indicates that the area of highest VOC concentrations in the upper vadose zone is likely to be between Star City Auto Body and the Medlin building located in the northwestern quadrant of the Site. The pilot test should be expanded by installing four new wells in this area that should be screened from 10 to 30 feet bgs. The benefits of this expansion would be to 1) verify the conclusion that two screened intervals are not required for the soils above the 30-foot clay unit, 2) determine the heterogeneity of the soils throughout the site, 3) determine the peak VOC concentration, and (4) determine the impact of removal on the total VOC mass in the vadose zone. As before, these wells would be able to be used as SVE wells or as monitoring wells to collect vacuum readings. Two of these proposed wells would be located to the north of Star City, one behind the loading dock at the back of Star City, and one further to the west on the Terra Pave property, as shown on Figure 9-1.

Information gained from operating these additional wells will be used to assess the cost effectiveness of using GAC for vapor treatment for a full-scale system. While the existing test data confirmed that GAC is feasible for vapor treatment at the Site, uncertainty about the mass of VOCs in the targeted soils precludes identifying which vapor treatment technology is most cost effective. For example, if the VOC mass in the proposed test expansion area is very high, then a technology such as the condensation based treatment would likely be more cost effective than GAC. To address this uncertainty, it is proposed to operate the new wells for a minimum of 2 months to determine how quickly the VOC concentrations in the extracted vapors decrease, as this will be relative to the mass of VOCs present within the ROI of the wells. In addition, the proposed well spacing will confirm the earlier results that indicate a design ROI of 75 feet is achievable throughout the Site, and provide important information on the efficacy of SVE in other areas of the Site.

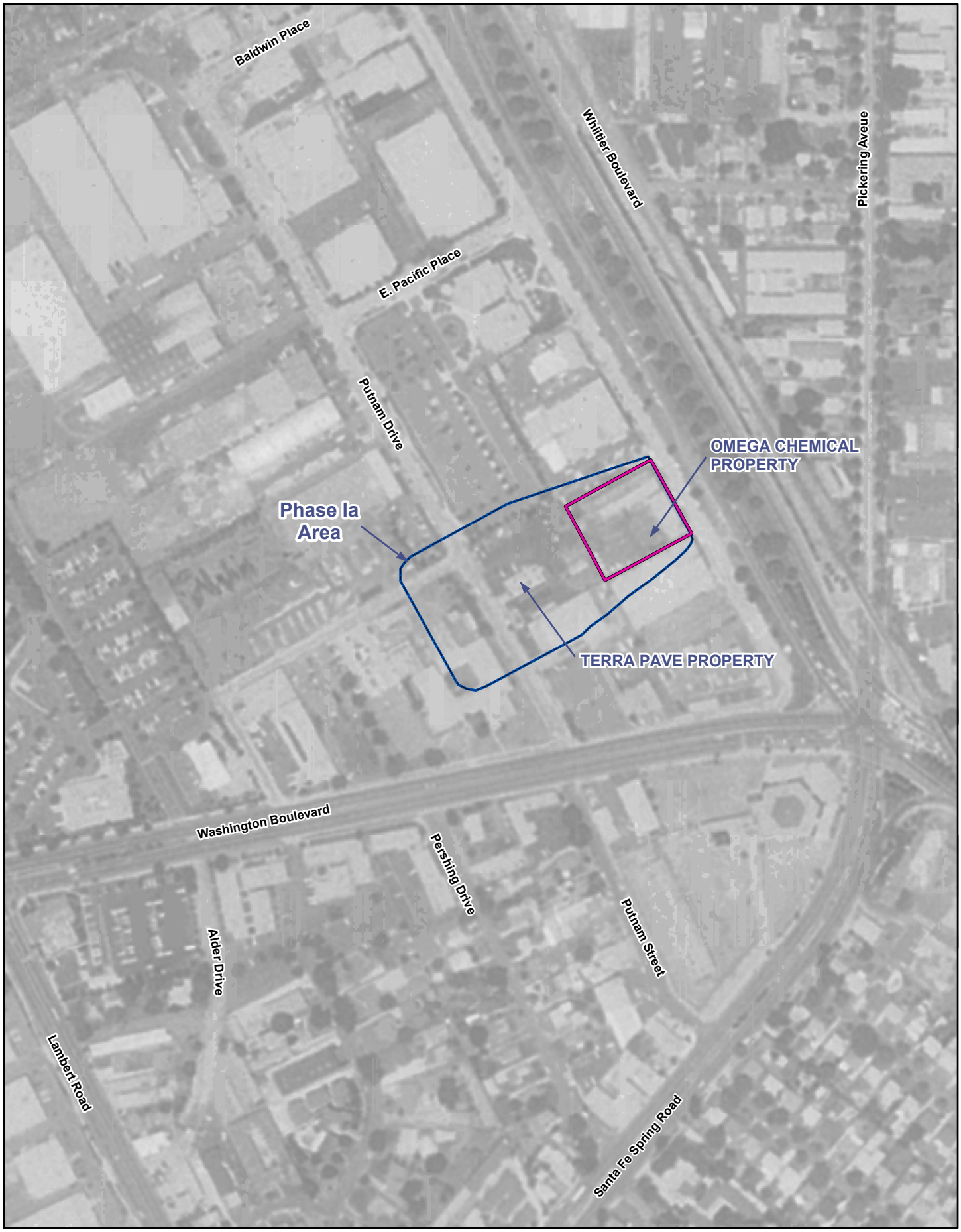
The data collected during the pilot test demonstrate that the SVE system is highly effective in removing VOC contaminant mass from the subsurface, and thereby reducing in-situ soil vapor concentrations. Because migration of these shallow soil vapors to indoor air represent the only potentially completed exposure pathway at the Site, continued reductions in mass and vapor concentrations can only have a beneficial impact to the site. In light of this significant beneficial value, and in the absence of any disadvantage to continued operation, it is strongly recommended that the pilot-scale SVE system continue to operate until it is no longer beneficial or a full-scale remedy can be put in place.

References

CDM, 2006. *Soil Vapor Extraction Pilot Test Work Plan,* August 4.

CDM, 2007. *Draft Human Health Risk Assessment for On-Site Soils*, January 19.

CDM, 2007. *Draft On-Site Soils Remedial Investigation Report*, January 19.



Omega Chemical Superfund Site

CDM

Legend

- Omega Chemical
- Phase Ia Area

N W E S

0 100 200 400

Feet

Site Location Map

Figure 1-1

Legend

- Property Boundary
- Road Center
- Omega Chemical Superfund Site
- Building
- Soil Vapor Extraction Well

0 15 30 60
Feet

CDM

Omega Chemical Super Fund Site
Pilot Test Soil Vapor Extraction Well Location
Figure 3-1

Figure 7-1
Omega Chemical Superfund Site
Pilot SVE System Analytical Influent Results

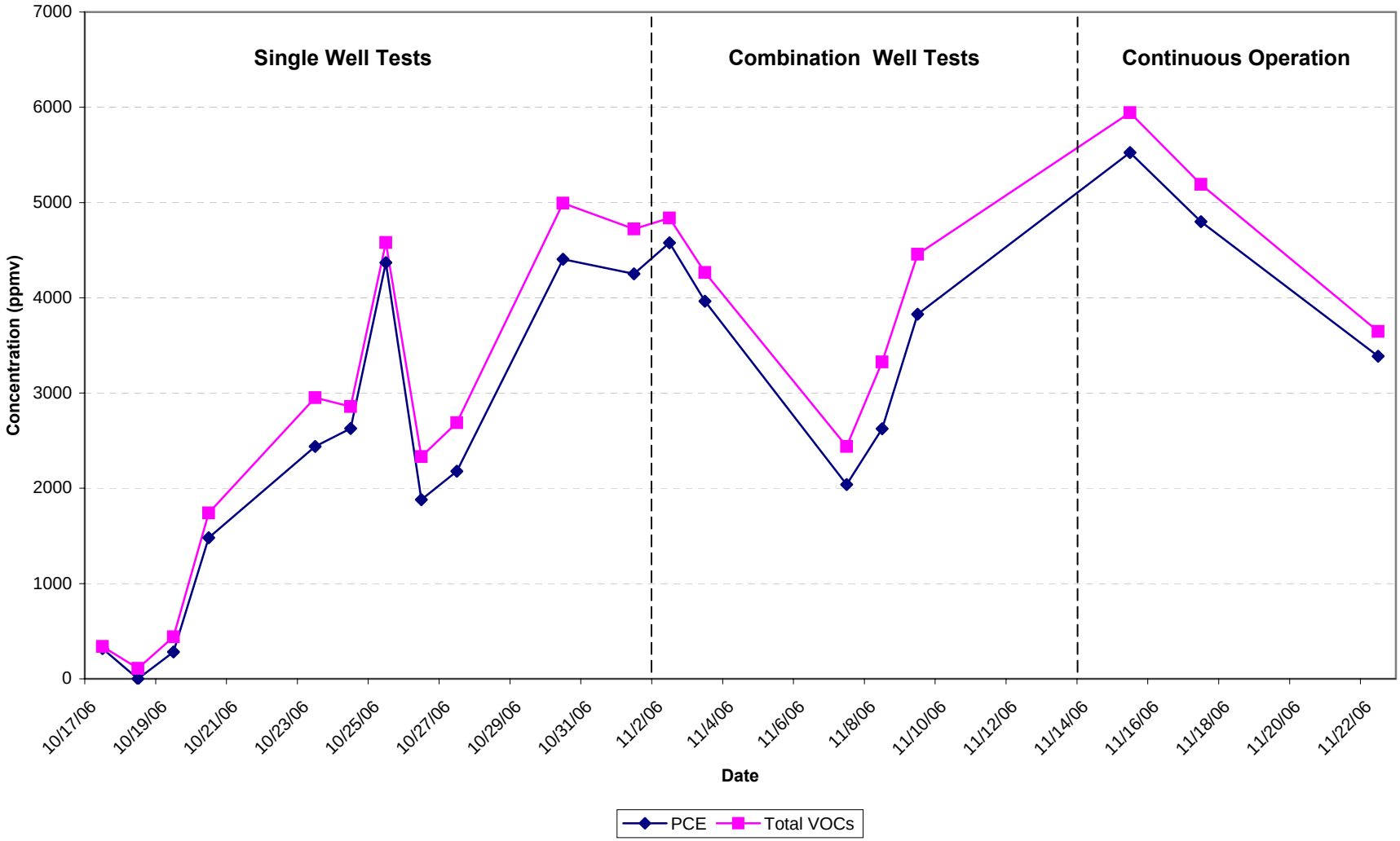


Figure 7-2
Omega Chemical Superfund Site - SVE Pilot Test
Estimated VOC Mass Removal Rates

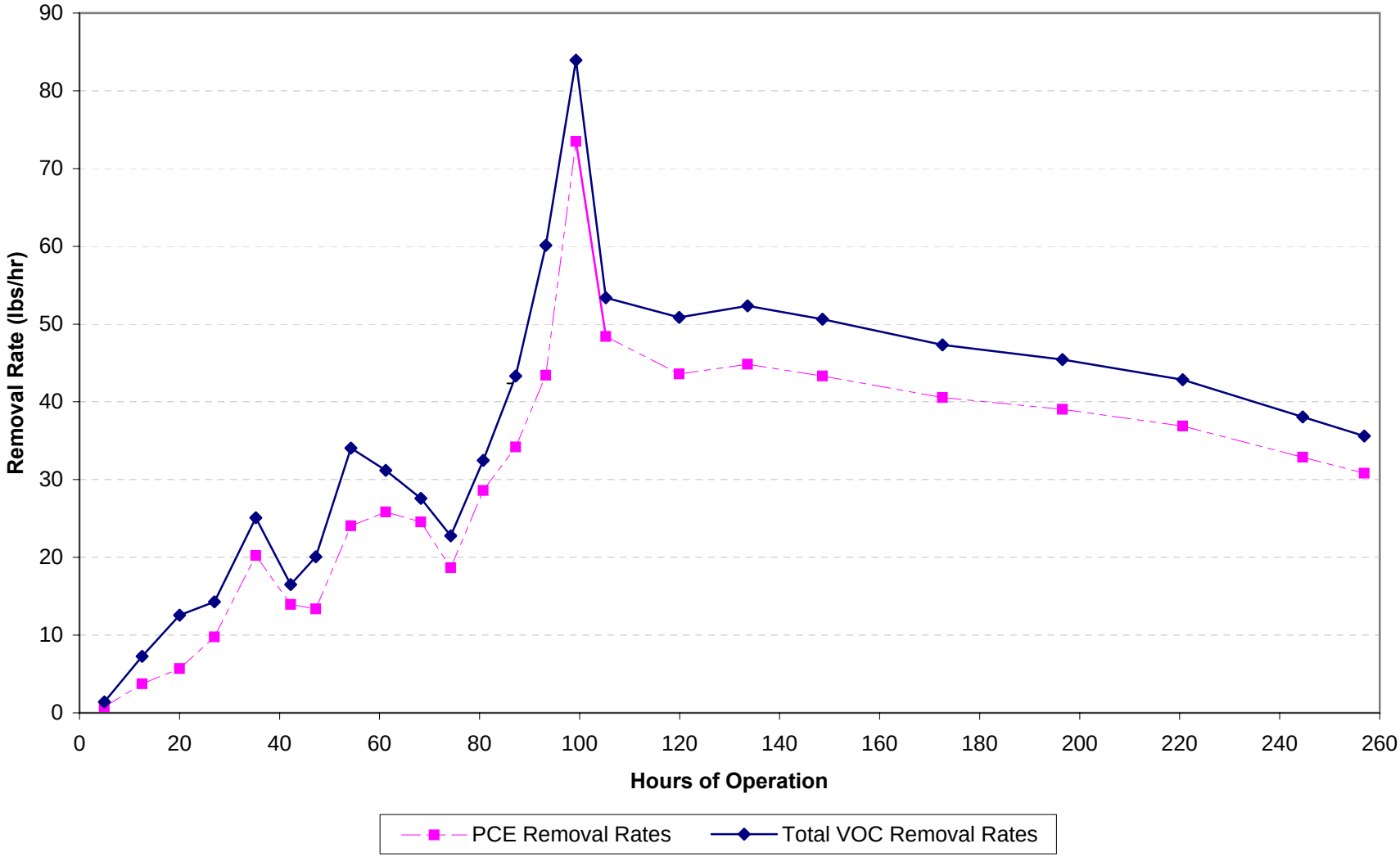
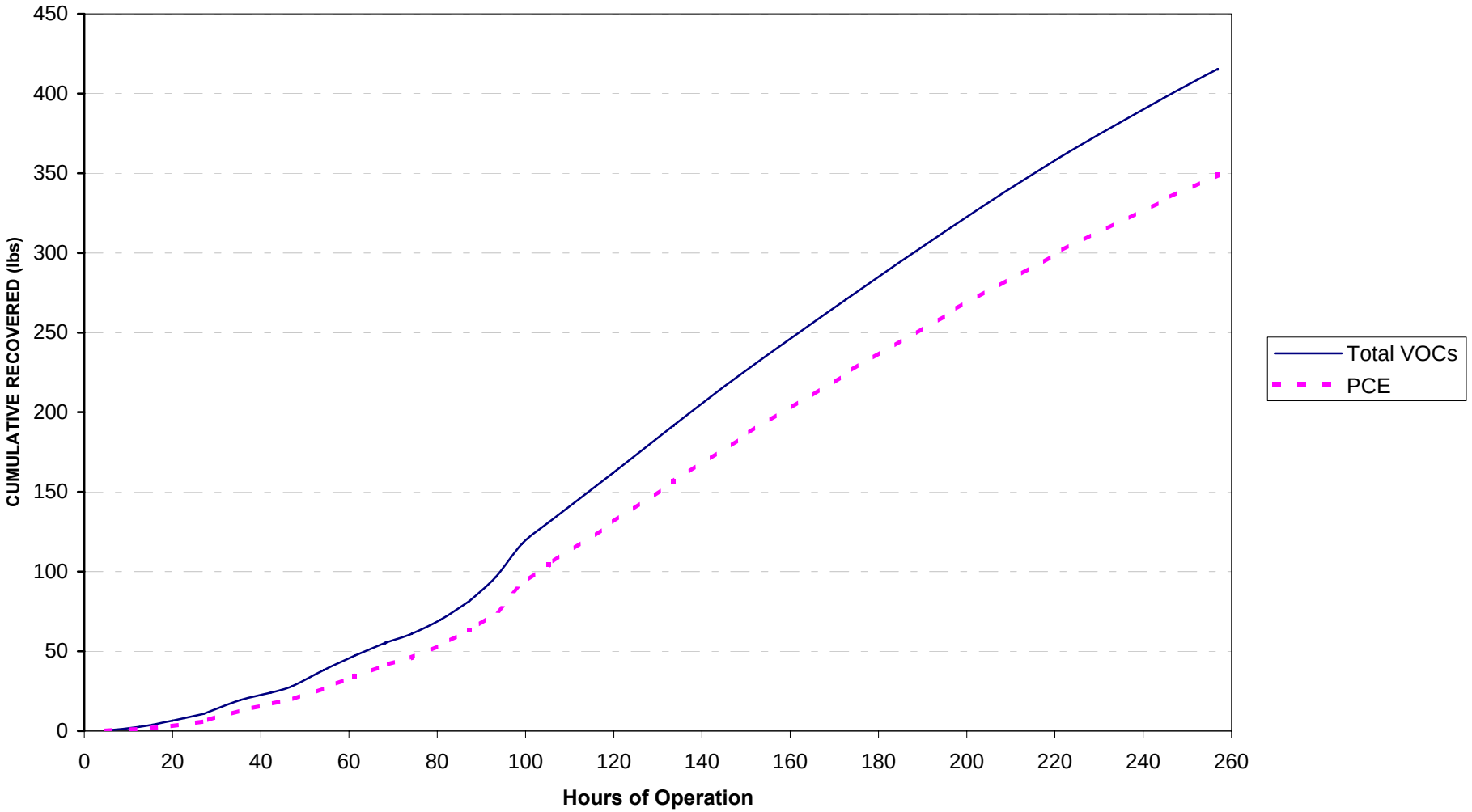
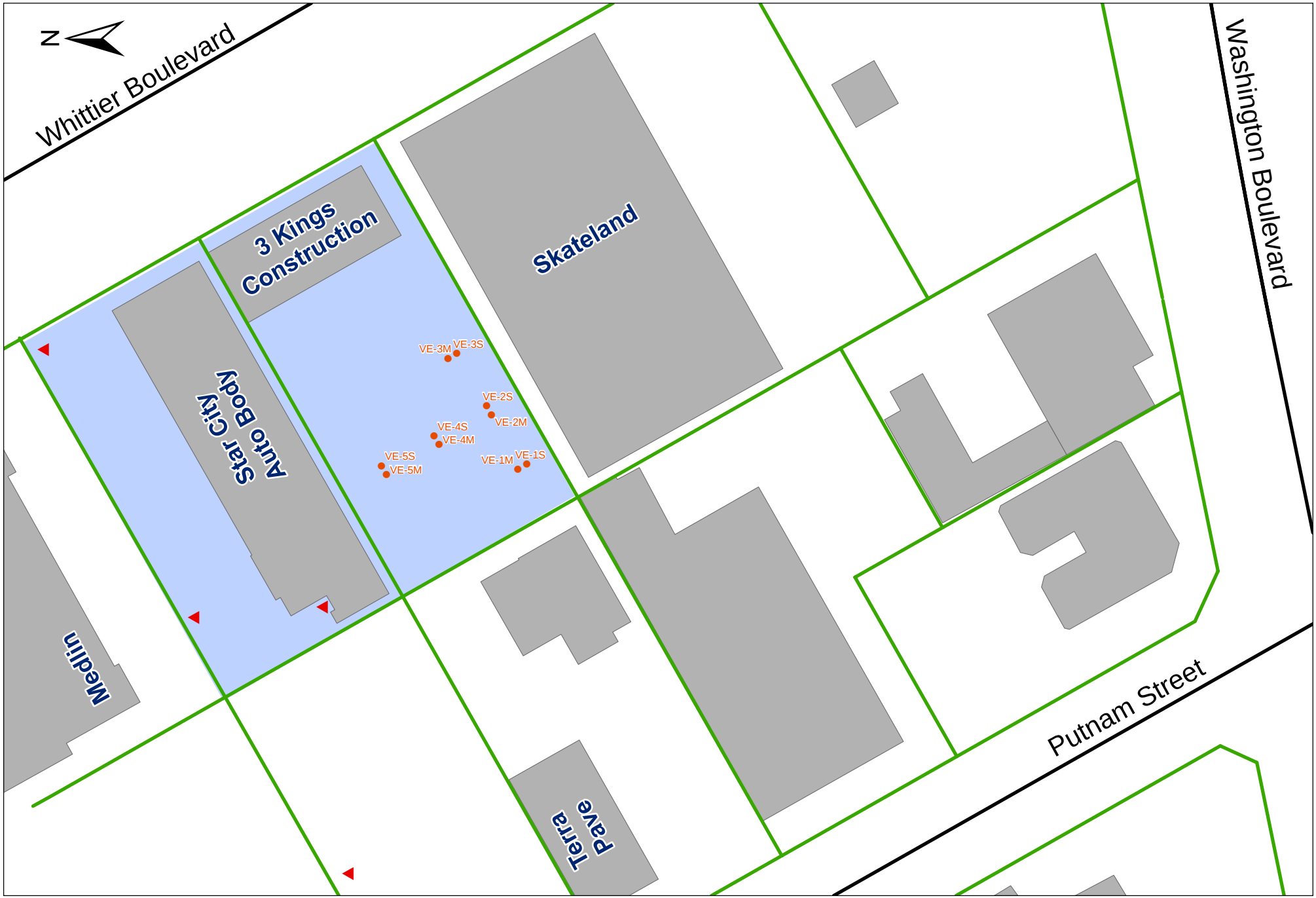


Figure 7-3
Omega Chemical Superfund Site - SVE Pilot Test
Cumulative Mass Removal





Legend

- Omega Chemical Superfund Site
- Building
- Property Boundary
- Soil Vapor Extraction Well
- Proposed SVE Well Locations

0 12.5 25 50
Feet

CDM

Omega Chemical Super Fund Site
Location of Proposed Additional SVE Wells
Figure 9-1

Table 3-1
SVE Well Construction Details
Omega Chemical Superfund Site

Well ID	Total Drilled Depth (feet)	Screened Interval (feet bgs)	Filter Pack Interval (feet bgs)	Bentonite Seal Interval (feet bgs)	Date Drilled
VE-1S	23	12.5 - 22.5	10 - 23	7 - 10	9/7/2006
VE-1M	36.5	26 - 36	24 - 36.5	21 - 24	9/8/2006
VE-2S	23	12 - 22	10 - 23	7 - 10	9/8/2006
VE-2M	36.5	26 - 36	23.8 - 36.5	21 - 23.8	9/11/2006
VE-3S	23	12.5 - 22.5	9.8 - 23	6.8 - 9.8	9/7/2006
VE-3M	36.5	26 - 36	24 - 36.5	21 - 24	9/7/2006
VE-4S	22.5	12 - 22	9.5 - 22.5	7 - 9.5	9/8/2006
VE-4M	36.5	26 - 36	24 - 36.5	21 - 24	9/8/2006
VE-5S	23	12 - 22	9.9 - 23	7 - 9.9	9/11/2006
VE-5M	36.5	26 - 36	24 - 36.5	21 - 24	9/11/2006

Note:

bgs: below ground surface

Table 5-1
Omega Chemical Superfund Site SVE Pilot Test
Single Well Tests Summary

Active Wellhead		Wellhead Vacuum (in. Hg)	Flow Rate (ACFM)	Flow Rate (SCFM)	Liquid Ring Pump Vacuum (in. Hg)	Start Time	End Time	Step Duration (min.)	Influent PID (ppmv)	Influent FID (ppmv)
VE-1S	Step 1*	10	96	63	25	8:10	9:00	50	76	68.8
	Step 2	15	100	47	26	11:01	13:50	169	0.9	70.6
	Step 3	17	125	52	22	13:50	16:15	145	5.3	71
VE-2S	Step 1	10	85	55	26	8:42	11:04	142	78	363.4
	Step 2	13	120	65	25	11:04	13:42	158	85	386.7
	Step 3*	16	120	55	22	13:42	16:16	154	76	393
VE-3S	Step 1	10	80	50	26	8:38	11:16	158	159	590
	Step 2	13	120	64	24	11:16	13:32	136	160	603
	Step 3*	16	128	58	22	13:32	16:05	153	160	581
VE-4S	Step 1	10	84	54	26	8:20	10:35	135	135	851
	Step 2*	14	105	54	24	10:35	13:05	150	142	741
	Step 3*	15.5	130	61	22	13:05	15:25	140	136	679
VE-5S	Step 1*	8	80	57	26	8:10	10:43	153	289	717
	Step 2*	10	108	70	23	11:52	14:08	136	341	871
	Step 3*	13	117	64	20	14:08	16:23	135	325	988
VE-1M	Step 1	10	105	68	23	8:20	10:31	131	119	228
	Step 2	12	150	87	21	10:31	13:02	151	155	376
	Step 3	13	170	93	19.5	13:02	15:30	148	189	434
VE-2M	Step 1	9	140	97	21	8:40	11:00	140	165	446
	Step 2	10	160	103	20	11:00	13:25	145	221	544
VE-3M	Step 1	6	83	64	24	7:45	10:00	135	403	714
	Step 2	10	120	76	20.5	10:00	12:15	135	352	814
	Step 3	12	150	86	18	12:15	14:26	131	341	797
VE-4M	Step 1	6	85	65	21	8:05	10:33	148	280	531
	Step 2	10	110	70	17	10:33	12:50	137	318	675
	Step 3	12	145	82	18	12:50	15:00	130	390	979
VE-5M	Step 1	6	75	59	26	7:45	9:52	127	378	545
	Step 2	9	120	81	18	9:52	12:10	138	487	896
	Step 3	10	105	68	17	12:10	14:26	136	506	955

Notes

in. Hg	inches of mercury
ACFM	actual cubic feet per minute
SCFM	standard cubic feet per minute
in. H2O	inches of water
ppmv	parts per million by volume
*	Data collected during Single Well Data Gap Step Tests.

Table 5-2
Omega Chemical Superfund Site SVE Pilot Test
Combination Well Tests Summary

Well ID	Wellhead Vacuum (in. Hg)	Flow Rate (ACFM)	Flow Rate (SCFM)	Liquid Ring Pump Vacuum (in. Hg)	Start Time	End time	Trial Duration (min.)	Influent PID (ppmv)	Influent FID (ppmv)
VE-1S	9.2	123	82	17.9	8:30	14:55	385	291	298
VE-1M	4.8	119	96						
VE-2S	9.4	122	81	17.9	8:30	14:55	385	389	470
VE-2M	2.5	118	104						
VE-3S	8.1	124	85	16.9	8:50	14:55	365	423	650
VE-3M	6.1	121	91						
VE-4S	8.9	123	82	17.5	8:35	14:40	365	673	1150
VE-4M	6.2	118	89						
VE-5S	6.1	80	61	16.9	8:40	14:55	375	848	821
VE-5M	4	76	63						

Notes

in. Hg	inches of mercury
ACFM	actual cubic feet per minute
SCFM	standard cubic feet per minute
ppmv	parts per million by volume

Table 5-3
Omega Chemical Superfund Site SVE Pilot Test
Continuous Operation Summary

Week	Date	VE-2S Vacuum (in. Hg)	VE-2S Flow Rate (SCFM)	VE-2M Vacuum (in. Hg)	VE-2M Flow Rate (SCFM)	Influent (ppmv)	Notes
11/14 - 11/19*	11/14/2006						
	11/15/2006	8	91	1.2	82	672	EPA site visit; system shut down due to breakthrough
	11/17/2006	7.9	85	3.5	96	612	Primary carbon vessel exchanged; system restart
11/20 - 11/24	11/20/2006	7.1	98	3.2	99	560	
	11/21/2006	--	--	--	--	550	
	11/22/2006	7	96	3	96	502	System shut down due to breakthrough/holidays
11/27 - 12/1	11/29/2006	7.8	93	3.1	101	439	Primary carbon vessel exchanged; system restart
	11/30/2006	--	--	--	--	486.7	
	12/1/2006	--	--	--	--	465	System shut down due to weekend
12/4 - 12/8	12/4/2006	--	--	--	--	509	System restart
	12/5/2006	6.8	97	3	94	392	
	12/7/2006	--	--	--	--	250	System shutdown due to possible breakthrough
12/11 - 12/15	12/11/2006	7.2	98	3.1	98	262.9	System restart
	12/12/2006	--	--	--	--	272	
	12/13/2006	--	--	--	--	250	System shut down due to breakthrough

Notes

in. Hg	inches of mercury
SCFM	standard cubic feet per minute
ppmv	parts per million by volume
*	Operated through the weekend

Table 6-1
Omega Chemical Superfund Site
Summary of SVE Pilot Test Analytical Data

Well ID	Sample Date	Sample Time	Sample Type	Total VOCs	1,1,1-TCA	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1,1-DCA	1,1-DCE	1,2,4-TCB	1,2,4-TMB	1,2-DCA	1,3,5-TMB	2-Butanone	4-Ethyl-toluene	Acetone	Benzene	Carbon Tetrachloride	Chloroform	Cis-1,2-DCE	Cyclohexane	Dichlorodi-fluoromethane (Freon 12)	Ethyl-benzene	Heptane	Hexane	m,p-Xylenes	Methylene Chloride	o-Xylene	Styrene	PCE	Tetrahydro-furan	Toluene	Trans-1,2-DCE	TCE	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride
Single Well Tests																																		
VE-1S	17-Oct-06	15:35	EFF	79	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	34	1 U	23	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	18	4.1	1 U	1 U	1 U	1 U	1 U
VE-1S	17-Oct-06	15:37	OUT	170	1 U	12	1 U	8.8	1 U	2.7	1 U	1.7	36	1 U	25	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	70	8.2	1 U	1 U	1.7	3.8	1 U
VE-1S	17-Oct-06	15:43	IN	43,790	370	8700	250	7300	4.3	33	27	6.5	32	1 U	18	7.4	1 U	220	330	8.5	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	22000	76	1 U	47	860	3500	1 U
VE-2S	18-Oct-06	15:47	EFF	425	1 U	52	1 U	55	1 U	7.8	1 U	3.7	46	2.1	50	1 U	1 U	1 U	1 U	5.4	1 U	1 U	1.5	1 U	1 U	7	1 U	5	1 U	150	4.7	2.1	1 U	8.7	24	1 U
VE-2S	18-Oct-06	15:50	OUT	471	1 U	59	1 U	66	1 U	1 U	1 U	1 U	31	1 U	30	1 U	1 U	1 U	1 U	8.1	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	230	4.3	1 U	1 U	14	29	1 U
VE-2S	18-Oct-06	15:54	IN	237,894	350	42000	900	51000	1 U	1 U	1 U	1 U	5 U	1 U	5 U	32	7.1	620	4600	8.2	11	1 U	1 U	1 U	2 U	1 U	1 U	1 U	110000	56	2.7	500	6800	21000	6.9
VE-3S	19-Oct-06	15:38	EFF	522	1 U	80	2.1	86	1 U	19	1 U	14	35	6.6	30	1 U	1 U	1 U	1 U	8.6	1 U	1 U	1 U	1 U	11	1 U	14	1 U	160	4.9	1 U	1 U	12	39	1 U
VE-3S	19-Oct-06	15:41	IN	416,339	150	55000	940	140000	1 U	260	1 U	1 U	5 U	1 U	5 U	34	25	400	940	12	14	1 U	1 U	1 U	2 U	1 U	1 U	1 U	160000	32	15	1500	20000	37000	17
VE-4S	20-Oct-06	15:00	EFF	339	1 U	36	1 U	3.3	1 U	1.8	36	3.2	11	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2	1 U	2.4	1 U	170	1 U	1.2	1 U	9.4	27	1 U
VE-4S	20-Oct-06	15:06	IN	411,861	50 U	41000	1500	61000	50 U	91	50 U	50 U	50 U	50 U	50 U	110	50 U	1700	6100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	60	50 U	260000	50 U	50 U	1300	17000	22000	50 U
VE-5S	23-Oct-06	13:48	EFF	456	1 U	1 U	1 U	98	1 U	1 U	1 U	1 U	69	1 U	43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	160	1 U	1 U	1 U	14	72	1 U
VE-5S	23-Oct-06	13:51	OUT	126	1 U	3.8	1 U	5.2	1 U	1 U	1 U	1 U	52	1 U	26	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U	39	1 U	1 U	1 U	1 U	1 U	1 U
VE-5S	23-Oct-06	13:53	IN	665,993	2100	45000	1600	73000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250	50 U	3100	780	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	510000	50 U	63	2100	28000	50 U	50 U
VE-5S	23-Oct-06	16:04	EFF	1,041	1 U	1 U	1 U	100	1 U	4.9	1 U	1.6	43	3.3	26	1 U	1 U	1 U	1 U	4.5	1 U	1 U	1 U	1 U	1 U	5.5	1 U	4.4	1 U	810	1 U	1.8	1 U	36	1 U	1 U
VE-5S	23-Oct-06	16:06	IN	472,810	1700	29000	1200	52000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	210	50 U	2500	600	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	350000	50 U	50 U	1600	18000	16000	50 U
VE-1M	24-Oct-06	15:03	EFF	569	1 U	48	1 U	74	1 U	1 U	1 U	1 U	22	1 U	15	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	340	1 U	1 U	1 U	22	48	1 U
VE-1M	24-Oct-06	15:06	IN	287,700	1700	11000	1400	32000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1900	1000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	230000	50 U	50 U	50 U	4300	4400	50 U
VE-2M	25-Oct-06	13:00	EFF	3,836	1 U	22	1 U	59	1 U	68	1 U	35	5 U	69	23	500	1 U	1 U	1 U	1 U	1 U	220	150	38	1100	1 U	150	1 U	180	1 U	1000	1 U	1 U	22	1 U
VE-2M	25-Oct-06	13:05	IN	357,940	620	25000	1200	54000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1300	44000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	210000	50 U	50 U	920	7900	13000	50 U
VE-3M	26-Oct-06	14:07	EFF	753	1.2	27	1.8	52	1 U	140	1 U	89	19	28	13	1.1	1 U	1 U	2.7	1 U	1 U	3.2	4.5	1 U	100	1 U	68	1 U	170	2.5	6.3	1.5	8.4	14	1 U
VE-3M	26-Oct-06	14:09	IN	711,951	340	39000	1200	160000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	770	660	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	450000	50 U	81	2900	28000	29000	50 U
VE-4M	27-Oct-06	14:08	EFF	579	2.9	25	2.9	91	1 U	14	1 U	7	18	3	12	1.2	1 U	3.6	4.1	1 U	1 U	2	1 U	1 U	14	1 U	8.2	1	320	1.8	4.7	2.9	20	20	1 U
VE-4M	27-Oct-06	14:10	IN	690,260	3300	12000	1200	50000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	230	50 U	3100	330	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	590000	50 U	50 U	1300	21000	7800	50 U
VE-4M	27-Oct-06	14:43	EFF	466	1 U	26	2.1	110	1 U	1 U	1 U	1 U	21	1 U	15	1 U	1 U	1 U	1.6	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	240	2.8	2.2	3.3	18	24	1 U
VE-4M	27-Oct-06	14:45	IN	653,530	1700	25000	1600	75000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	130	50 U	2600	3000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	510000	50 U	50 U	1500	22000	11000	50 U
VE-5M	30-Oct-06	14:08	EFF	579	2.9	25	2.9	91	1 U	14	1 U	7	18	3	12	1.2	1 U	3.6	4.1	1 U	1 U	2	1 U	1 U	14	1 U	8.2	1	320	1.8	4.7	2.9	20	20	1 U
VE-5M	30-Oct-06	14:10	IN	690,260	3300	12000	1200	50000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	230	50 U	3100	330	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	590000	50 U	50 U	1300	21000	7800	50 U
VE-5S	01-Nov-06	14:09	OUT	569	4.8	27	1.9	58	1 U	1 U	1 U	1 U	18	1 U	16	1 U	1 U	1 U	1 U	1 U	1 U	19	1 U	1 U	2 U	1 U	1 U	1 U	370	3	1 U	2	22	14	13
VE-5S	01-Nov-06	14:12	IN	608,860	2300	25000	1200	68000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	220	50 U	2500	540	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	470000	50 U	50 U	2100	22000	15000	50 U
Combination Well Tests																																			
VE-1S/-1M	02-Nov-06	14:34	EFF	203	1 U	1 U	1 U	12	1 U	6.4	1 U	2.9	41	4.7	33	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	12	1 U	6.1	1 U	76	1 U	1 U	1 U	1 U	8.5	1 U
VE-1S/-1M	02-Nov-06	14:35	OUT	172	1 U	1 U	1 U	7	1 U	6.8	1 U	4.2	31	5.5	23	1 U	1 U	1 U	1 U	1 U	1 U	34	1 U	1 U	7.1	1 U	5	1 U	29	1 U	2.2	1 U	1 U	5	12
VE-1S/-1M	02-Nov-06	14:37	IN	311,580	1300	6200	850	36000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1300	530	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	260000	50 U	50 U	50 U	3100	2300	50 U
VE-2S/-2M	03-Nov-06	14:33	EFF	675	1 U	12	1 U	49	1 U	20	1 U	13	44	24	40	14	1 U	1 U	1 U	1 U	1 U	11	11	31	23	93	1 U	41	1 U	190	1 U	58	1 U	1 U	12	1 U
VE-2S/-2M	03-Nov-06	14:34	OUT	206	1 U	1.8	1 U	19	1 U	3.1	1 U	1.5	32	2.1	22	1 U	1 U	1 U	1 U	1 U	1 U	36	1 U	1 U	1.5	5.8	1 U	2.4	1 U	38	1 U	2.5	1 U	1 U	28	12
VE-2S/-2M	03-Nov-06	14:36	IN	410,700	800	19000	1100	66000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1200	1700	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	300000	50 U	50 U	1100	8800	11000	50 U
VE-3S/-3M	07-Nov-06	14:32	EFF	762	1 U	41	1 U	130	1 U	4.3	1 U	1.9	140	2.6	100	1 U	1 U	3	1 U	1 U	1 U	9.7	1 U	1 U	1 U	3.9	1 U	1.9	1 U	260	1 U	1 U	1 U	18	1 U	1 U
VE-3S/-3M	07-Nov-06	14:33	OUT	1,008	1 U	5.7	1 U	300	1 U	3.9	1 U	2	98	2.5	66	1 U	1 U	1 U	1 U	1 U	1 U	69	1 U	1 U	1 U	4.3	46	2.4	1 U	79	4.2	1 U	1 U	5.9	290	29
VE-3S/-3M	07-Nov-06	14:37	IN	621,170	300	23000	980	140000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	590	450	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	400000	50 U	50	2800	30000	23000	50 U
VE-4S/-4M	08-Nov-06	14:09	EFF	1,130	1 U	49	1 U	260	1 U	1 U	1 U	1 U	97	1 U	68	1 U	1 U	1 U	1 U	1 U	1 U	20	1 U	1 U	1 U	2 U	1 U	1 U	540	1 U	1 U	1 U	39	54	3.4
VE-4S/-4M	08-Nov-06	14:10	OUT	27,466	50 U	50 U	50 U	22000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	66	50 U	50 U	50 U	50 U	5400	50 U
VE-4S/-4M	08-Nov-06	14:12	IN	842,325	3100	14000	1800	86000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	160	50 U	2900	2800	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	700000	50 U	65	2500	25000	10000	50 U
VE-5S/-5M	09-Nov-06	14:27	OUT	51,400	50 U	50 U	50 U	41000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	140	50 U	50 U	50 U	50 U	9400	50 U
VE-5S/-5M	09-Nov-06	14:29	IN	719,784	4300	10000	1100	44000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	230	50 U	2800	2800	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	630000	50 U	54	1600	19000	6700	50 U
Continuous Operation																																			
VE-2S/-2M	15-Nov-06	13:21	OUT	205,660	50 U	1100	500	170000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	170	490	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	170	50 U	50 U	50 U	50 U	33000	50 U
VE-2S/-2M	15-Nov-06	13:24	IN	521,790	1400	9900	1200	63000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2400	790	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	420000	50 U	50 U	1700	14000	7400	50 U
VE-2S/-2M	17-Nov-06	11:27	OUT	811	1 U	23	1 U	210	1 U	1 U	1 U	1 U	30	1 U	22	1 U	1 U	1 U	1 U	1 U	1 U	36	1 U	1 U	1 U	2 U	1 U	1 U	320	1 U	1 U	1 U	16	140	14
VE-2S/-2M	17-Nov-06	11:29	IN	485,540	1400	9400	1100	59000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2300	740	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	390000	50 U	50 U	1700	13000	6900	50 U
VE-2S/-2M	22-Nov-06	11:49	IN	318,186	1800	5200	530	34000	50 U	50 U	50 U	50 U	50 U	50 U	63	50 U	50 U	1600	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	260000	50 U	53	940	11000	3000	50 U
VE-2S/-2M	22-Nov-06	11:51	OUT	106,420	1900	12000	1300	67000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	3100	520	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	3700	50 U	50 U	1900	7200	7800	50 U

Notes:
All units are reported in ppbv
Only VOCs detected in one or more VE samples are listed on table
All samples analyzed using EPA Method TO-15
TCA = Trichloroethane; DCA = Dichloroethane; DCE = Dichloroethene; TCB = Trichlorobenzene; TMB = Trimethylbenzene; PCE = Tetrachloroethene; TCE = Trichloroethene
Sample Type: IN = Influent; EFF = Effluent; OUT = Outlet
U: Not detected above the laboratory reporting limit

Table 7-1
OPERATION SUMMARY AND ESTIMATED REMOVAL RATES FOR PILOT SVE SYSTEM
OMEGA CHEMICAL SUPERFUND SITE

Date	System Status	Hours of Operation	Sample COLLECTED	Flow Rate (SCFM)	Flow Rate (SCFD)	Total VOC Conc. (ug/L)	PCE Conc. (ug/L)	Est. VOC Rem. Rate (lbs/day)	Est.PCE Rem. Rate (lbs/day)	Cum. VOC Removed (lbs)	Cum. PCE Removed (lbs)
17-Oct-06	On	5	1	56.86	81,878	280.60	151.98	1.42	0.77	0.3	0.2
18-Oct-06	On	12.5	2	55.00	79,200	1481.03	759.92	7.26	3.73	3	1
19-Oct-06	On	20	3	57.69	83,074	2439.95	1105.33	12.55	5.68	6	3
20-Oct-06	On	27	4	60.92	87,725	2627.01	1796.17	14.27	9.75	11	6
21-Oct-06	Off	27		0.00	0	0.00	0.00	0.00	0.00	11	6
22-Oct-06	Off	27		0.00	0	0.00	0.00	0.00	0.00	11	6
23-Oct-06	On	35.25	5	64.46	92,822	4369.10	3523.25	25.11	20.25	19	13
24-Oct-06	On	42.25	6	98.43	141,739	1881.49	1588.92	16.51	13.94	24	17
25-Oct-06	On	47.25	7	103.36	148,838	2178.01	1450.75	20.07	13.37	28	20
26-Oct-06	On	54.25	8	86.72	124,877	4404.16	3108.75	34.05	24.03	38	27
27-Oct-06	On	61.25	9	82.27	118,469	4252.36	3523.25	31.19	25.84	47	34
28-Oct-06	Off	61.25		0.00	0	0.00	0.00	0.0	0.0	47	34
29-Oct-06	Off	61.25		0.00	0	0.00	0.00	0.0	0.0	47	34
30-Oct-06	On	68.25	10	67.58	97,315	4577.23	4075.92	27.58	24.56	55	41
31-Oct-06	Off	68.25		0.00	0	0.00	0.00	0.0	0.0	55	41
1-Nov-06	On	74.25	11	64.46	92,822	3964.62	3246.92	22.78	18.66	61	46
2-Nov-06	On	80.75	12	178.58	257,155	2039.46	1796.17	32.47	28.59	70	54
3-Nov-06	On	87.25	13	185.06	266,486	2624.80	2072.50	43.30	34.19	82	63
4-Nov-06	Off	87.25		0.00	0	0.00	0.00	0.00	0.00	82	63
5-Nov-06	Off	87.25		0.00	0	0.00	0.00	0.0	0.0	82	63
6-Nov-06	Off	87.25		0.00	0	0.00	0.00	0.0	0.0	82	63
7-Nov-06	On	93.25	14	176.27	253,829	3826.25	2763.33	60.12	43.42	97	74
8-Nov-06	On	99.25	15	170.47	245,477	5523.64	4835.83	83.94	73.49	118	92
9-Nov-06	On	105.25	16	124.74	179,626	4800.21	4352.25	53.38	48.40	131	104
10-Nov-06	Off	105.25		0.00	0	0.00	0.00	0.0	0.0	131	104
11-Nov-06	Off	105.25		0.00	0	0.00	0.00	0.0	0.0	131	104
12-Nov-06	Off	105.25		0.00	0	0.00	0.00	0.0	0.0	131	104
13-Nov-06	Off	105.25		0.00	0	0.00	0.00	0.0	0.0	131	104
14-Nov-06	On	119.92		168.48	242,611	3386.99	2901.50	50.87	43.58	162	131
15-Nov-06	On	133.58	17	173.31	249,566	3386.99	2901.50	52.33	44.83	192	157
16-Nov-06	Off	133.58		0.00	0	0.00	0.00	0.0	0.0	192	157
17-Nov-06	On	148.58	18	180.33	259,675	3150.23	2694.25	50.64	43.31	223	184
18-Nov-06	On	172.58		180.33	259,675	2912.21	2495.29	47.31	40.54	271	224
19-Nov-06	On	196.58		180.33	259,675	2674.20	2296.33	45.44	39.03	316	263
20-Nov-06	On	220.58		197.29	284,098	2436.18	2097.37	42.85	36.89	359	300
21-Nov-06	On	244.58		197.29	284,098	2198.16	1898.41	38.07	32.88	397	333
22-Nov-06	On	256.92	19	192.46	277,142	2075.85	1796.17	35.62	30.82	415	349
23-Nov-06	Off	256.92		0.00	0	0.00	0.00	0.0	0.0	415	349
24-Nov-06	Off	256.92		0.00	0	0.00	0.00	0.0	0.0	415	349
25-Nov-06	Off	256.92		0.00	0	0.00	0.00	0.0	0.0	415	349
26-Nov-06	Off	256.92		0.00	0	0.00	0.00	0.0	0.0	415	349
27-Nov-06	Off	256.92		0.00	0	0.00	0.00	0.0	0.0	415	349
28-Nov-06	Off	256.92		0.00	0	0.00	0.00	0.00	0.00	415	349
29-Nov-06	On	264.50	20	194.08	279,475	0.00	0.00	0.00	0.00	415	349
30-Nov-06	On	288.50		194.08	279,475	0.00	0.00	0.00	0.00	415	349
1-Dec-06	On	297.50		194.08	279,475	0.00	0.00	0.00	0.00	415	349
2-Dec-06	Off	297.50		0.00	0	0.00	0.00	0.00	0.00	415	349
3-Dec-06	Off	297.50		0.00	0	0.00	0.00	0.00	0.00	415	349
4-Dec-06	On	312.50		190.86	274,838	0.00	0.00	0.00	0.00	415	349
5-Dec-06	On	336.50		190.86	274,838	0.00	0.00	0.00	0.00	415	349
6-Dec-06	On	360.50		190.86	274,838	0.00	0.00	0.00	0.00	415	349
7-Dec-06	On	369.50		190.86	274,838	0.00	0.00	0.00	0.00	415	349
8-Dec-06	Off	369.50		0.00	0	0.00	0.00	0.00	0.00	415	349
9-Dec-06	Off	369.50		0.00	0	0.00	0.00	0.00	0.00	415	349
10-Dec-06	Off	369.50		0.00	0	0.00	0.00	0.00	0.00	415	349
11-Dec-06	On	382.50		196.58	283,075	0.00	0.00	0.00	0.00	415	349
12-Dec-06	On	406.50		196.58	283,075	0.00	0.00	0.00	0.00	415	349
13-Dec-06	On	415.50		196.58	283,075	0.00	0.00	0.00	0.00	415	349
Operation Summary:				**209.9 (avg.)**	**7,254,878 (total)**	**3,062.1 (avg.)**	**2468 (avg.)**	**35.4 (avg.)**	**29.2 (avg.)**	**415 (total)**	**349 (total)**

Appendix A

CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612
(949) 752-5452
(949) 752-1307 (FAX)

BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240
PROJECT NAME Omega Chemical
LOCATION Omega/3 Kings Construction
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA-Split Spoon (No Sleeves)
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY R. Douglas
REMARKS

BORING/WELL NUMBER SVE1M
DATE DRILLED 9/8/06
CASING TYPE/DIAMETER 4" Sch 40 PVC
SCREEN TYPE/SLOT 4" Sch 40 PVC 0.020 Slot
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Medium Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Airvac out 6" broken concrete and soil to 5 feet bgs.	0.5
	6,7, 9	1.5			5	ML		SILT: 10YR4/3 Brown; 60-80% Silt; 15-35% Clay; 5-10% Sand, fine to medium, mostly fine; Moist.	5.0
2.5	6,9, 12	1.5				CL		CLAY: 10YR3/2 Very Dark Grayish Brown; 50-70% Clay; 30-50% Silt; Moist.	6.5
2.8	3,4, 5	1.5				GM		GRAVEL WITH CLAY: 10YR5/3 Brown; 60% Gravel, possibly concrete (cement and aggregate), angular fragments; 25% Sand, fine to coarse, well-graded, angular; 15% Clay; Moist.	7.5
2.2	0, 7, 8, 10	0 1.5				SM		SILTY SAND: 10YR 4/6 Dark Yellowish Brown; 60-70% Sand, fine; 30-40% Silt.	9.0 9.3
2.2	7,9, 11	1.5			10	ML		SANDY SILT: 10YR4/6 Dark Yellowish Brown; 60% Silt; 40 % Sand, fine; Moist.	12.5
2.2 2.2	6, 9, 12, 13	1.75						SILT: 10YR4/3 Brown; 60-80% Silt; 15-50% Clay; 5-10% Sand, fine to medium, mostly fine; Moist.	
2.4	10,11, 14	1			15	ML			17.5
2.3 2.1	9,13, 16	1.25				CL		CLAY: 10YR4/3 Brown; 50-70% Clay; 30-50% Silt; Moist.	19.0
2.1 2.2	8,12, 14, 17	1.75				CL		CLAY: Same as above, with 20% rounded to subangular granitic gravel.	19.5
2.6	10,11, 12	0 1.5			20	CL		CLAY: 10YR4/3 Brown; 50-70% Clay; 30-50% Silt; Moist.	
2.1 2.2	8,10, 13 7, 9, 10, 11	1 1.7							
2.2 2.2	8,12, 14	1.25			25				27.5
2.4	7,9, 11	1.5							
3.1 3.0	8,10, 12, 12	1.5				ML		SILT: 10YR4/3 Brown; 60-80% Silt; 15-30% Clay; 5-10% Sand, fine to medium; Moist.	
					30				

Continued Next Page

WELL DIAGRAM
- 5% Bentonite Cement grout (0-21 ft. bgs)
- 4" diam. Sch 40 PVC well casing (0-26 ft. bgs)
- Medium Bentonite chips, hydrated (21-24 ft. bgs)
- #3 Monterey Sand (24-36.5 ft.bgs)
- 4" diam. Sch 40 PVC 0.020" slot (26-36 ft. bgs)

NEWGINT OMEGA.GPJ NEWGINT.GDT 1/23/07

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240 **BORING/WELL NUMBER** SVE1M

PROJECT NAME Omega Chemical **DATE DRILLED** 9/8/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
2.8	9,13, 15	1.25				GM		SILTY GRAVEL: 50% gravel, diameter up to 1 inch, rounded to subrounded, appears granitic; 50% silt.	31.0	4" diam. Sch 40 PVC 0.020" slot (26-36 ft. bgs)
2.2	8,14, 16	1				ML		SILT: As above.	31.2	
2.1	7,9, 12	1.75				GM		SILTY GRAVEL: As above.	31.4	
								CLAY: 10YR4/3 Brown; 70% Clay; 30% Silt; Moist.	31.5	
4.0	14	0				CL				#3 Monterey Sand (24-36.5 ft.bgs)
3.7	6,7, 10	1.5			35				36.5	
								Total Depth of Borehole is 36.5 feet below ground surface.		
					40					
					45					
					50					
					55					
					60					

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BORING/WELL CONSTRUCTION LOG

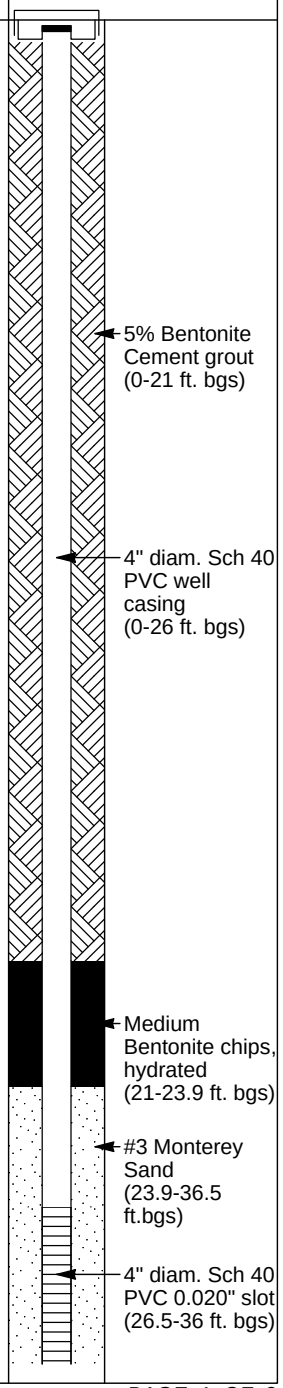
PROJECT NUMBER 10500-37240
PROJECT NAME Omega Chemical
LOCATION Omega/3 Kings Construction
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA-Split Spoon (No Sleeves)
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY R. Douglas
REMARKS

BORING/WELL NUMBER SVE2M
DATE DRILLED 9/11/06
CASING TYPE/DIAMETER 4" Sch 40 PVC
SCREEN TYPE/SLOT 4" Sch 40 PVC 0.020 Slot
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Medium Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Airvac out 6" broken concrete and soil to 5 ft-bgs.	0.5
	5,7, 8	1.5			5			SILT: 10YR4/3 Brown; 60-80% Silt; 15-30% Clay; 5-10% Sand, fine to coarse, rounded; trace Gravel, rounded, up to 0.75"; Moist.	5.0
2.6	4,7, 7	1.5							
5.0	3,4, 5	2.0							
3.9									
3.1	12	0			10				
	6,8, 9	1.5							
4.3	4,6, 8	1.5							
4.1	5,7, 8	1.75							
4.2						ML			
3.0	10	0			15				
	5,7, 9	1.0							
		0.5							
3.9	9,10, 11	1.5							
3.2	7,9, 11 12	0							
3.4									
4.5	6,9, 11	1.5			20				
4.1	8,9, 12	1.5							
3.4	9,10, 12	2.0							24.0
4.5								SILTY CLAY: 10YR4/3 Brown; 50-60% Clay; 30-40% Silt; 0-10% Sand, fine to coarse, rounded.	
4.5	14	0			25				
	8,10 11	1.5							
3.7	8,10, 12	1.5				CL			
4.6	10,12, 13	1.0							
	14	0							29.0
					30			SANDY SILT: 10YR4/3 Brown; 40-60% Silt; 40-50% Sand; 10% Gravel, granitic, rounded, up to 2".	

Continued Next Page

WELL DIAGRAM



NEWGINT OMEGA.GPJ NEWGINT.GDT 1/23/07

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240 **BORING/WELL NUMBER** SVE2M

PROJECT NAME Omega Chemical **DATE DRILLED** 9/11/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
4.6	7,9, 10	0.5				ML		Poor recovery starting at 30 ft.bgs. Probably due to 2", rounded to subrounded gravel.	31.0	4" diam. Sch 40 PVC 0.020" slot (26.5-36 ft. bgs)
5.0	9,11, 12	0.5						CLAY: 10YR4/3 Brown; 60-80% Clay; 20-40% Silt; Moist.		
6.0	10,11, 14 15	0				CL				#3 Monterey Sand (23.9-36.5 ft.bgs)
5.9	10,12, 14	1.5			35					
6.6								Total Depth of Borehole is 36.5 feet below ground surface.	36.5	

40 45 50 55 60

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240
PROJECT NAME Omega Chemical
LOCATION Omega/3 Kings Construction
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA-Split Spoon (No Sleeves)
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY R. Douglas
REMARKS

BORING/WELL NUMBER SVE3M
DATE DRILLED 9/7/06
CASING TYPE/DIAMETER 4" Sch 40 PVC
SCREEN TYPE/SLOT 4" Sch 40 PVC 0.020 Slot
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Medium Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Airvac out 6" broken concrete and soil to 5 ft-bgs.	0.5
	6,8, 9	1.5			5			SILT: 10YR4/3 Brown; 50-80% Silt; 15-40% Clay; 5-10% Sand, fine to medium, mostly fine; Moist.	5.0
0.2	7,7, 8	1.5							
0.0	6,8, 8	1.5							
0.0	10	0.5			10				
0.0	7,9, 10	1.5				ML			
0.2	8,9, 10	1.5							
0.8	6,7, 8	2.0							
2.0									
2.2	6,7, 7	1.0			15				
2.3	8,9, 12	1.5				CL		CLAY: 10YR4/3 Brown; 50-60% Clay; 35-45% Silt; 5% Sand, fine to medium, mostly fine; Moist.	16.0
									17.0
6.6	6,8, 9	2.0						SILT: 10YR4/3 Brown; 50-80% Silt; 15-40% Clay; 5-10% Sand, fine to medium, mostly fine; Moist.	
3.8									
3.8	13	0.5			20				
5.9	8,10, 14	1.5							
2.6	9,11, 15	1.5							
3.3	6,9, 11	2.0				ML			
1.8									
7.1	9,12, 15	1.5			25				
3.6	10,12, 15	1.5							
5.9		1.5							
1.6									
		0.5			30				29.7

Continued Next Page

WELL DIAGRAM

- 5% Bentonite Cement grout (0-20.9 ft. bgs)
- 4" diam. Sch 40 PVC well casing (0-26 ft. bgs)
- Medium Bentonite chips, hydrated (20.9-24 ft. bgs)
- #3 Monterey Sand (24-36.5 ft.bgs)
- 4" diam. Sch 40 PVC 0.020" slot (26-36.5 ft. bgs)

NEWGINT OMEGA.GPJ NEWGINT.GDT 1/23/07

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240 **BORING/WELL NUMBER** SVE3M

PROJECT NAME Omega Chemical **DATE DRILLED** 9/7/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
2.2	10,13, 14	1.5				CL ML		GRAVELLY CLAY: 60-70% Clay; 30-40% Gravel, granitic, rounded where not fragmented. SILT: 10YR4/3 Brown; 50-80% Silt; 15-40% Clay; 5-10% Sand, fine to medium; Moist.	30.0 30.5	4" diam. Sch 40 PVC 0.020" slot (26-36.5 ft. bgs)
1.6	10,10, 13	1.5						CLAY: 10YR4/3 Brown; 50-60% Clay; 40-50% Silt.		
7.0	8,11, 14	1.5				CL				#3 Monterey Sand (24-36.5 ft.bgs)
7.0	17	0.5			35					
5.2	7,12, 13	1.5								
7.7								Total Depth of Borehole is 36.5 feet below ground surface.	36.5	

NEWGINT OMEGA.GPJ NEWGINT.GDT 1/23/07

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240
PROJECT NAME Omega Chemical
LOCATION Omega/3 Kings Construction
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA-Split Spoon (No Sleeves)
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY R. Douglas
REMARKS

BORING/WELL NUMBER SVE4M
DATE DRILLED 9/8/06
CASING TYPE/DIAMETER 4" Sch 40 PVC
SCREEN TYPE/SLOT 4" Sch 40 PVC 0.020 Slot
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Medium Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Airvac out 6" broken concrete and soil to 5 ft-bgs.	0.5
	7,8, 9	1.5			5	ML		SILT: 10YR4/3 Brown; 60-80% Silt; 15-30% Clay; 5-10% Sand, fine; Moist.	5.0
0.6	8,10, 12	1.5				GM ML		2"-thick layer of gravel, rounded when not fractured, schistose, up to 1.5".	7.0 7.2
0.6	7,9, 12	1.5				SM		SILTY SAND: 10YR4/4 Dark Yellow Brown; 60% Sand, fine; 40% Silt, moist.	7.5 9.0
0.9								SILT: 10YR4/3 Brown; 60-80% Silt; 15-30% Clay; 5-10% Sand, fine; Moist.	
0.4	13	0			10				
1.3	6,8, 11 5,9, 12	1.0 1.25 1.5				ML			
2.2	8,10, 12								
1.3	14	0							
2.0	7,10, 13	1.0			15				16.0
2.2	8,14, 17	1.25						CLAY: 10YR4/3 Brown; 50-70% Clay; 25-40% Silt; 5-10% Sand, fine; Moist.	
2.3	9,11, 16	2.0				CL			
1.5	17	0							
3.1	13,13, 15	1.5			20				
0.8	9,11, 16	1.0				GM			21.3
1.6	8,12, 14	1.75						SILTY GRAVEL: 10YR4/3 Brown; 40-50% Gravel, angular, up to 0.5", granitic; 20-40% Silt; 20-30% Sand, angular, well graded; Moist.	21.6
2.6	15	0				CL		CLAY: 10YR4/3 Brown; 50-70% Clay; 25-40% Silt; 5-10% Sand, fine; Moist.	
2.8	9,11, 15	1.25			25				
3.7	8,11, 17	1.25							27.0
2.8	13,15, 18	1.75				SM CL		SILTY SAND: 10YR4/3 Brown; 50-60% Sand, fine to coarse, well graded; 20-35% Silt; 15-20% Gravel, up to 0.5", rounded; Moist.	27.5
3.3						SM		CLAY: 10YR4/3 Brown; 50-70% Clay; 25-40% Silt; 5-10% Sand, fine; Moist.	29.0 30.0
					30			*Continued Next Page*	

WELL DIAGRAM:
- 5% Bentonite Cement grout (0-20.5 ft. bgs)
- 4" diam. Sch 40 PVC well casing (0-26 ft. bgs)
- Medium Bentonite chips, hydrated (20.5-23.9 ft. bgs)
- #3 Monterey Sand (23.9-36.5 ft. bgs)
- 4" diam. Sch 40 PVC 0.020" slot (26-36.5 ft. bgs)

NEWGINT OMEGA.GPJ NEWGINT.GDT 1/23/07

CDM
18581 Teller Avenue, Suite 200
Irvine, CA 92612
(949) 752-5452
(949) 752-1307 (FAX)

BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240 **BORING/WELL NUMBER** SVE4M

PROJECT NAME Omega Chemical **DATE DRILLED** 9/8/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
3.1	22	0				ML		SILTY SAND: 10YR4/3 Brown; 50-60% Sand, fine; 40-50% Silt; Moist.	31.0	4" diam. Sch 40 PVC 0.020" slot (26-36 ft. bgs)
	9,12, 13	1.25						SILT: 10YR4/3 Brown; 60-80% Silt; 20-40% Clay; Moist.		
0.6	13,16, 22	1.25						CLAY: 10YR4/3 Brown; 60-80% Clay; 20-40% Silt; Moist.		
	9,12, 17	2.0				CL				#3 Monterey Sand (23.9-36.5 ft. bgs)
	19	0			35					
6.3	8,14, 17	1.5								
9.5								Total Depth of Borehole is 36.5 feet below ground surface.	36.5	
					40					
					45					
					50					
					55					
					60					

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CDM
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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240
PROJECT NAME Omega Chemical
LOCATION Omega/3 Kings Construction
DRILLING METHOD Hollow Stem Auger
SAMPLING METHOD Modified CA-Split Spoon (No Sleeves)
GROUND SURFACE ELEVATION (FT MSL) NA
TOP OF CASING ELEVATION (FT MSL) NA
LOGGED BY R. Douglas
REMARKS

BORING/WELL NUMBER SVE5M
DATE DRILLED 9/11/06
CASING TYPE/DIAMETER 4" Sch 40 PVC
SCREEN TYPE/SLOT 4" Sch 40 PVC 0.020 Slot
GRAVEL PACK TYPE #3 Monterey Sand
GROUT TYPE/QUANTITY Hydrated Medium Bentonite Chips
STATIC WATER LEVEL (FT BELOW TOC) NM
GROUND WATER ELEVATION (FT MSL)

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
								Airvac out 6" broken concrete and soil to 5 ft-bgs.	0.5
	3,4, 5	1.5			5			SILT: 10YR4/3 Brown; 60-80% Silt; 15-30% Clay; 5-10% Sand, fine to coarse; Trace Gravel, up to 0.25"; Moist.	5.0
1.1	3,6, 7	1.5							
1.1	3,5, 7	1.5							
1.4	9	0							
1.5	5,6, 8	1.25			10	ML			
1.1	3,5, 7	1.25							
1.1									
2.8	3,5, 7	1.5							
3.0	9	0			15				
1.9	3,4, 7	1.0							16.0
2.1	5,5, 8	1.5				CL		CLAY: 10YR4/3 Brown; 50-70% Clay; 25-40% Silt; 5-10% Sand, fine to coarse, Trace Gravel; Moist.	
2.3	4,6, 8	1.5							
2.7	9	0			20				20.0
3.0	4,6, 8	1.5						SILT W/ CLAY: 10YR4/3 Brown; 60-80% Silt; 15-30% Clay; 5-10% Sand, fine to coarse; Trace Gravel, up to 0.25"; Moist.	
3.4	5,6, 8	1.5							
1.1	6,8, 9	1.25				ML			
4.4	11	0			25				
5.1	8,10, 12	1.5							
4.6	9,11, 13	1.5							
3.9	10,11, 13	2.0							29.0
					30	SP SM		SAND WITH SILT AND GRAVEL: 10YR5/3 Brown; 50-70% Sand, fine to coarse, well graded; 20-30% Gravel,	29.3

Continued Next Page

WELL DIAGRAM

- 5% Bentonite Cement grout (0-20.5 ft. bgs)
- 4" diam. Sch 40 PVC well casing (0-26 ft. bgs)
- Medium Bentonite chips, hydrated (20.5-24 ft. bgs)
- #3 Monterey Sand (24-36.5 ft.bgs)
- 4" diam. Sch 40 PVC 0.020" slot (26-36 ft. bgs)

NEWGINT OMEGA.GPJ NEWGINT.GDT 1/23/07

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BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 10500-37240 **BORING/WELL NUMBER** SVE5M

PROJECT NAME Omega Chemical **DATE DRILLED** 9/11/06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	DEPTH (ft. bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
2.8	15	0				ML		up to 1", subangular to subrounded; 10% Silt; Moist.		
	9,11, 12	1.5						SILT: 10YR4/3 Brown; 60-80% Silt; 15-30% Clay; 5-10% Sand, fine to coarse; Trace Gravel, up to 0.25"; Moist.	31.0	4" diam. Sch 40 PVC 0.020" slot (26-36 ft. bgs)
2.6	10,12, 13	1.5						CLAY: 10YR4/3 Brown; 50-70% Clay; 25-40% Silt; 5-10% Sand, fine to coarse, Trace Gravel; Moist.		
3.8	10,13, 15	1.75				CL				#3 Monterey Sand (24-36.5 ft.bgs)
2.3										
1.3	15	1.5			35					
	12,19, 15	1.5								
5.1								Total Depth of Borehole is 36.5 feet below ground surface.	36.5	

40 45 50 55 60

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Appendix B

Appendix B

B.1 Single Well Step Tests

Prior to starting the single well step tests, baseline data for subsurface pressure and VOC concentration readings were recorded from each of the 10 wellheads (Table B-1).

The summary of the single well test results discussed in the following paragraphs.

VE-1S

Overview The step test for VE-1S lasted approximately five hours, starting at 11:01 and ending at 16:15 on October 17, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentrations at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-2.

Step Test The liquid ring pump was connected to well VE-1S and was started at 11:01. For the first step, the blower was adjusted until a vacuum pressure of 15 in. Hg was achieved at the wellhead; a vacuum of 26 in. Hg was recorded at the pump. The initial flow rate was 115 ACFM and increased above 125 ACFM (maximum gauge measurement) within the duration of the first step. Subsurface pressure was recorded to estimate the zone of influence; these values ranged from 0.005 inch of water (in. H_2O) at well VE-3S to 2.64 in. H_2O at well VE-1M (adjacent to operating well). Vacuum readings at the wellheads generally increased throughout the duration of the step. It was noted that vacuum readings from well VE-3S were at least an order of magnitude smaller than those gathered from other wells.

At 13:50, the valve at the liquid ring pump was fully opened to allow for maximum vacuum on well VE-1S. Vacuum increased to 17 in. Hg at the wellhead, while a vacuum of 22 in. Hg was recorded at the pump; the flow rate remained above 125 ACFM. Subsurface pressure readings at the non-operating wellheads ranged from 0.005 in. H_2O at well VE-3S to 3.37 in. H_2O at well VE-1M. Vacuum readings at well VE-3S remained at least an order of magnitude lower than those gathered from the remaining extraction wells. Vacuum measurements taken at each shallow well versus the applied vacuum at the each step is illustrated in Figure B-1.

PID and FID measurements were taken at the GAC influent, outlet (the sample port in between the two GAC units), and the discharge (effluent)streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 76.2 ppmv (FID) was recorded for the influent stream. Soil vapor samples from each stream were collected in 1-liter Summa canisters for laboratory analysis.

VE-2S

Overview The step test for VE-2S lasted approximately 7.5 hours, starting at 8:42 and ending at 16:16 on October 18, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentration at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-3.

Step Test Prior to system startup, magnehelic gauges were set up at the non-operating wellheads to facilitate vacuum pressure measurements. For the first step, the blower was adjusted until a vacuum pressure of 10 in. Hg was achieved at the wellhead; a vacuum pressure of 26 in. Hg was recorded at the pump. The initial flow rate was 80 ACFM and increased to 85 ACFM within the duration of the first step. Subsurface vacuum pressure was recorded to estimate the zone of influence; these values ranged from 0.02 in. H_2O at well VE-3S to 1.250 in. H_2O at well VE-2M (adjacent to operating well). Vacuum readings at the wellheads generally increased throughout the duration of the step. It was noted that vacuum readings from well VE-3S were at least an order of magnitude lower than those gathered from other wells.

The second step began by increasing the wellhead vacuum pressure to 13 in. Hg with a corresponding pressure of 25 in. Hg measured at the pump. The flow rate increased from an initial 108 ACFM to 120 ACFM over the course of the step. Subsurface vacuum pressure readings ranged from 0.025 in. H_2O at well VE-3S to 1.554 in. H_2O at well VE-2M. Vacuum readings at well VE-3S remained at least an order of magnitude lower than those gathered from other wells. Vacuum measurements taken at each shallow well versus the applied vacuum at the each step is illustrated in Figure B-2.

The pump was then fully opened to allow for maximum vacuum on well VE-2S. Vacuum increased to 18 in. Hg at the wellhead while a vacuum of 23 in. Hg was recorded at the pump. The flow rate remained above 125 ACFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.04 in. H_2O at well VE-3S to 2.23 in. H_2O at well VE-2M. Vacuum readings at well VE-3S remained at least an order of magnitude lower than those gathered from other wells.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 420 ppmv (FID) was recorded for the influent stream. Soil gas samples from each stream were collected in 1 liter Summa canisters for laboratory analysis.

VE-3S

Overview The step test for VE-3S lasted approximately 7.5 hours, starting at 8:38 and ending at 16:05 on October 19. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentrations at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-4.

Step Test For the first step, the pump was adjusted until a vacuum of 10 in. Hg was achieved at the wellhead; a vacuum of 27 in. Hg was recorded at the pump. The initial flow rate was 80 ACFM and increased to 82 ACFM within the duration of the first step. Subsurface pressure was recorded to estimate the zone of influence; these values ranged from 0.075 in. H_2O at well VE-1S to 1.714 in. H_2O at well VE-3M (adjacent to operating well). Vacuum readings at the wellheads generally increased throughout the duration of the step.

The second step began by increasing the wellhead vacuum to 13 in. Hg with a corresponding vacuum of 25 in. Hg measured at the pump. The flow rate increased from an initial 115 ACFM to 120 ACFM over the course of the step. Subsurface vacuum pressure readings ranged from 0.105 in. H_2O at well VE-1S to 2.31 in. H_2O at well VE-3M.

The pump was then fully opened to allow for maximum vacuum on well VE-3S. Vacuum pressure increased to 17 in. Hg at the wellhead while a vacuum of 23 in. Hg was recorded at the pump. The flow rate remained above 125 ACFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.140 in. H_2O at well VE-1S to 3.31 in. H_2O at well VE-3M. Vacuum measurements taken at each shallow well versus the applied vacuum at the each step is illustrated in Figure B-3.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 652 ppmv (FID) was recorded for the influent stream. Soil vapor samples from each stream were collected in 1 liter Summa canisters for laboratory analysis.

VE-4S

Overview The step test for VE-4S lasted approximately 7 hours, starting at 8:20 and ending at 15:25 on October 20, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentration at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-5.

Step Test For the first step, the blower was adjusted until a vacuum of 10 in. Hg was achieved at the wellhead; a vacuum of 27 in. Hg was recorded for the blower. The initial flow rate was 75 ACFM and increased to 84 ACFM within the duration of the first step. Subsurface pressure was recorded to estimate the zone of influence; these values ranged from 0.185 in. H_2O at well VE-1S to 3.13 in. H_2O at well VE-4M (adjacent to operating well). Vacuum readings at the wellheads generally increased throughout the duration of the step.

The second step began by increasing the wellhead vacuum to 14 in. Hg with a corresponding vacuum of 25 in. Hg measured at the pump. The flow rate increased from an initial 120 ACFM to above 125 ACFM over the course of the step. Subsurface

pressure readings ranged from 0.274 in. H_2O at well VE-1S to 4.65 in. H_2O at well VE-4M.

The pump was then fully opened to allow for maximum vacuum on well VE-4S. Vacuum pressure increased to 16.5 in. Hg at the wellhead while a vacuum of 23 in. Hg was recorded at the pump. The flow rate remained above 125 ACFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.370 in. H_2O at well VE-1S to 6.01 in. H_2O at well VE-4M. Vacuum measurements taken at each shallow well versus the applied vacuum at the each step is illustrated in Figure B-4.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 855 ppmv (FID) was recorded for the influent stream. Soil vapor samples from the influent and effluent streams were collected in 1 liter Summa canisters for laboratory analysis.

VE-5S

Overview The step test for VE-5S lasted approximately 8.25 hours, starting at 8:10 and ending at 16:23 on October 23, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentration at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-6.

Step Test Prior to system startup, a new AMETEC Rotron air flow meter (flow range 100 to 250 ACFM) was installed to provide a more accurate measure of vapor flow rates during higher vacuum steps. For the first step, the pump was adjusted until a vacuum of 10 in. Hg was achieved at the wellhead; a vacuum of 27 in. Hg was recorded at the pump. PID/FID readings taken during the step indicated an influent VOC concentration as high as 1150 ppmv, which exceeded the work plan limit of 1,000 ppmv; consequently, the system was shut down temporarily. A dilution valve was installed near the blower to allow for the intake of ambient air to dilute the influent stream. Undiluted flow rates were not accurately measured for this step due to incorrect flow meter assembly. Subsurface pressure was recorded to estimate the zone of influence; these values ranged from 0.06 in. H_2O at well VE-1S to 2.05 in. H_2O at well VE-5M (adjacent to operating well). Vacuum readings at the wellheads generally increased throughout the duration of the step.

The second step began by increasing the wellhead vacuum to 13 in. Hg with a corresponding vacuum of 23 in. Hg measured at the pump. The dilution valve was shut at 13:27 to collect undiluted samples from the GAC units. Flow rates were not accurately measured for this step due to incorrect flow meter assembly. Subsurface pressure readings ranged from 0.135 in. H_2O at well VE-1S to 3.26 in. H_2O at well VE-5M.

The pump was then fully opened to allow for maximum vacuum on well VE-5S. It was noticed that the flow meter assembly was not properly installed, and the system was

stopped while the error was corrected and the system was restarted. Vacuum at the wellhead was measured at 15 in. Hg. PID/FID readings at the GAC influent stream indicated exceeding influent concentrations (1,159 ppmv); thus, the air dilution valve was opened approximately 25 percent. The vacuum at the well VE-5S dropped to 13 in. Hg with a corresponding vacuum of 20 in. Hg at the pump. The flow rate was initially measured at 130 ACFM, but decreased to 120 ACFM after dilution was enabled. Subsurface pressure readings at the non-operating wellheads ranged from 0.17 in. H_2O at well VE-1S to 3.94 in. H_2O at well VE-5M. Vacuum measurements taken at each shallow well versus the applied vacuum at the each step is illustrated in Figure B-5.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 958 ppmv (FID) was recorded for the influent stream while the system was operating with dilution. Soil vapor samples from the influent and effluent streams were collected in 1 liter Summa canisters for laboratory analysis.

VE-1M

Overview The step test for VE-1M lasted approximately 7 hours, starting at 8:20 and ending at 15:30 on October 24, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentration at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-7.

Step Test For the first step, the pump was adjusted until a vacuum of 10 in. Hg was achieved at the wellhead; a vacuum of 24 in. Hg was recorded for the pump. The initial flow rate was 100 ACFM and increased to 105 ACFM within the duration of the first step. Subsurface pressure was recorded to estimate the zone of influence; these values ranged from 0.13 in. H_2O at well VE-3S to 3.19 in. H_2O at well VE-1S (adjacent to operating well). Vacuum at the wellheads generally increased throughout the duration of the first step.

The second step began by increasing the wellhead vacuum to 13 in. Hg with a corresponding vacuum of 21.5 in. Hg measured at the pump. The flow rate increased from an initial 150 ACFM to 155 ACFM over the course of the step. Subsurface pressure readings ranged from 0.18 in. H_2O at well VE-3S to 4.29 in. H_2O at well VE-1S.

The pump was then fully opened to allow for maximum vacuum on well VE-1M. Vacuum remained at 13 in. Hg at the wellhead, while a vacuum of 20 in. Hg was recorded at the pump. The flow rate was measured at 170 ACFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.21 in. H_2O at well VE-3S to 4.78 in. H_2O at well VE-1S. Vacuum measurements taken at each medium well versus the applied vacuum at the each step is illustrated in Figure B-6.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 434 ppmv (FID) was recorded for the influent stream. Soil vapor samples from the influent and effluent streams were collected in 1 liter Summa canisters for laboratory analysis.

VE-2M

Overview The step test for VE-2M lasted approximately 5 hours, starting at 8:40 and ending at 13:25 on October 25, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentration at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-8.

Step Test For the first step, the blower was adjusted until a vacuum of 10 in. Hg was achieved at the wellhead; a vacuum of 21 in. Hg was recorded for the blower. The initial flow rate was 140 ACFM and increased to 150 ACFM within the duration of the first step. Subsurface pressure was recorded to estimate the zone of influence; these values ranged from 0.403 in. H_2O at well VE-5S to 4.03 in. H_2O at well VE-2S (adjacent to operating well). Vacuum readings at the wellheads generally increased throughout the duration of the first step.

At 11:00, the pump was fully opened to allow for maximum vacuum on well VE-2M. Vacuum increased slightly to 10.5 in. Hg at the wellhead then returned to 10 in. Hg over the course of the step. A vacuum of 20 in. Hg was recorded at the pump. The flow rate was measured at 160 ACFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.471 in. H_2O at well VE-5S to 4.43 in. H_2O at well VE-2S. Vacuum measurements taken at each medium well versus the applied vacuum at the each step is illustrated in Figure B-7.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 544 ppmv (FID) was recorded for the influent stream. Soil vapor samples from the influent and effluent streams were collected in 1-liter Summa canisters for laboratory analysis.

VE-3M

Overview The step test for VE-3M lasted approximately 7 hours, starting at 7:45 and ending at 14:26 on October 26, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentration at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-9.

Step Test Initial PID/FID readings of the first step indicated that total VOC concentration at the system influent was 992 ppmv. The dilution valve was opened 25 percent to keep the VOC concentration within the SCAQMD operating limits and

remained open throughout the day's operations. For the first step, the pump was adjusted until a vacuum of 6 in. Hg was achieved at the wellhead; a vacuum of 26 in. Hg was recorded for the pump. The initial flow rate was 80 ACFM and increased to 83 ACFM within the duration of the first step. Subsurface pressure was recorded to estimate the zone of influence; these values ranged from 0.09 in. H_2O at well VE-1S to 1.945 in. H_2O at well VE-3S (adjacent to operating well). Vacuum readings at the wellheads generally increased throughout the duration of the step.

The second step began by increasing the wellhead vacuum to 10 in. Hg with a corresponding vacuum of 20.5 in. Hg measured at the pump. The flow rate increased from an initial 110 ACFM to 120 ACFM over the course of the step. Subsurface pressure readings ranged from 0.17 in. H_2O at well VE-1S to 3.11 in. H_2O at well VE-3S.

The pump was then fully opened to allow for maximum pressure on well VE-3M. Vacuum pressure increased to 12.5 in. Hg at the wellhead then stabilized at 12 in. Hg over the course of the step. A vacuum of 19 in. Hg was recorded at the pump. The flow rate measured between 150 and 152 ACFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.20 in. H_2O at well VE-1S to 3.88 in. H_2O at well VE-3S. Vacuum measurements taken at each medium well versus the applied vacuum at the each step is illustrated in Figure B-8.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 875 ppmv (FID) was recorded for the influent stream while the system was operating with dilution. Soil vapor samples from the influent and effluent streams were collected in 1 liter Summa canisters for laboratory analysis.

VE-4M

Overview The step test for VE-4M lasted approximately 7 hours, starting at 8:05 and ending at 15:00 on October 27, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentration at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-10.

Step Test Initial PID/FID readings of the first step indicated that total VOC concentration at the system influent was 1,162 ppmv, which exceeded the SCAQMD permit limit of 1,0000ppmv. The dilution valve was then opened 30 percent to keep the VOC concentration within the SCAQMD operating limits and remained open throughout the day's operations. For the first step, the pump was adjusted until a vacuum of 7 in. Hg was achieved at the wellhead; a vacuum of 25 in. Hg was recorded for the pump. The flow rate remained at 85 ACFM for the duration of the first step. Subsurface pressure was recorded to estimate the zone of influence; these values ranged from 0.23 in. H_2O at well VE-1S to 3.50 in. H_2O at well VE-4S (adjacent to operating well). Vacuum readings at the wellheads generally increased throughout the duration of the step.

At 10:33, the second step began; the wellhead vacuum was increased to 10 in. Hg with a corresponding vacuum of 18 in. Hg measured at the pump. The flow rate increased from an initial 110 ACFM to 118 ACFM over the course of the step. Subsurface pressure readings ranged from 0.364 in. H_2O at well VE-1S to 5.38 in. H_2O at well VE-4S.

The pump was then fully opened to allow for maximum pressure on well VE-4M. To prevent the pump oil from filtering through the system, a minimum vacuum of 15 in. Hg must be maintained at the pump; thus, the dilution was reduced to 15% to reduce vacuum of the unit. PID/FID readings at the GAC influent stream (taken after dilution reduction) detected VOC concentrations of 1,297 ppmv; dilution was increased to 25% to keep VOC concentrations within operation limits. Vacuum remained at 13 in. Hg at the wellhead while a vacuum reading of 20 in. Hg was recorded at the pump. The flow rate was measured at 170 ACFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.21 in. H_2O at well VE-3S to 4.78 in. H_2O at well VE-1S. Vacuum measurements taken at each medium well versus the applied vacuum at the each step is illustrated in Figure B-9.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 979 ppmv (FID) was recorded for the influent stream while the system was operating with dilution. Soil vapor samples from the influent and effluent streams were collected in 1-liter Summa canisters for laboratory analysis.

VE-5M

Overview The step test for VE-5M lasted approximately 7 hours, starting at 7:45 and ending at 14:26 on October 30, 2006. Subsurface pressure was measured in the vapor monitoring probes and non-operating wellheads to estimate the zone of influence. During the test, VOC concentration at the influent, outlet, and effluent streams of the GAC units were recorded periodically. The results are included in Table B-11.

Step Test Initial PID/FID readings of the first step indicated that total VOC concentration at the system influent was 1,628 ppmv which exceeded the SCAQMD permit limit of 1,000 ppmv. The dilution valve was opened 40 percent to keep the VOC concentration within the operating limits and remained open throughout the day's operations. For the first step, the pump was adjusted until a vacuum of 6 in. Hg was achieved at the wellhead; a vacuum of 26 in. Hg was recorded at the pump. The flow rate remained at 75 ACFM for the duration of the first step. Subsurface pressure was recorded to estimate the zone of influence; these values ranged from 0.11 in. H_2O at well VE-1S to 2.19 in. H_2O at well VE-5S (adjacent to operating well). Vacuum readings at the wellheads generally increased throughout the duration of this step.

The second step began by decreasing the influent dilution to 30 percent to maintain the system pressure above 15 in. Hg. The wellhead vacuum was increased to 10 in. Hg with a corresponding vacuum of 18 in. Hg measured at the pump. The flow rate increased from an initial 120 ACFM to 125 ACFM over the course of the step. Subsurface pressure readings ranged from 0.16 in. H_2O at well VE-1S to 3.45 in. H_2O at well VE-5S.

The pump was then fully opened to allow for maximum vacuum on well VE-5M. Vacuum remained at 10 in. Hg at the wellhead while a vacuum of 17 in. Hg was recorded at the pump. The flow rate was measured at 105 ACFM throughout the step. Subsurface pressure readings at the non-operating wellheads ranged from 0.17 in. H_2O at well VE-1S to 3.81 in. H_2O at well VE-5S. Vacuum measurements taken at each medium well versus the applied vacuum at the each step is illustrated in Figure B-10.

PID and FID measurements were taken at the GAC influent, outlet, and effluent streams to ensure that the system was operating within the SCAQMD permit requirements. A maximum VOC detection of 974 ppmv (FID) was recorded for the influent stream. Soil vapor samples from the influent and effluent streams were collected in 1-liter Summa canisters for laboratory analysis.

Single Well Data Gap Step Tests

Single well trials were performed to collect data that were missing or inaccurate (due to limitations of equipment, etc.) from the first set of step tests. These data gap tests were conducted on October 30, 2006 and lasted approximately 6 hours. For each repeated step, vacuum readings recorded at the wellhead were matched with the vacuum readings recorded during the original trial; the flow rate of each step was noted. During the tests, subsurface pressure in the non-operating wellheads and VOC concentrations at the influent, outlet, and effluent streams of the GAC units were recorded once per operating wellhead. The results are included in, Table B-12.

B.2 Combination Well Step Tests

Between November 2 and November 9, 2006, each pair of medium and shallow SVE wells (e.g., VE-1S and VE-1M) was operated concurrently. Prior to operation, the piping leading to each wellhead was fitted with a restriction valve to regulate the flow. The pump was opened to generate the highest vacuum on the operating wellheads while maintaining at least 15 in. Hg of vacuum at the pump. PID and FID measurements were taken at the GAC influent, outlet, and effluent streams daily to ensure that the system was operating within the requirements of the SCAQMD permit. Soil vapor samples from GAC vessels were collected in 1 liter Summa canisters for laboratory analysis for each combination step test.

B.3 Continuous System Testing

Between November 14 and December 13, 2006, the SVE system was operated continuously. This portion of the test was intended to define the VOC mass removal time trend in extracted vapor and define the vacuum distribution in the surface as it reached equilibrium as indicated in the Work Plan. Based on the step test results, SVE wells VE-2S and VE-2M were selected for continuous testing. PID and FID measurements were taken at the GAC influent, outlet, and effluent streams daily to ensure that the system was operating within the requirements of the SCAQMD permit. Soil vapor samples were also collected periodically.

The system was shut down from December 13, 2006 to January 17, 2007 to allow for GAC change out and profiling. The system was restarted on January 17, 2007, however it was shut down on January 18, 2007 in response to EPA's explicit requirement.

Figure B-1
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Response at Shallow Wells for Operating Well VE-1S

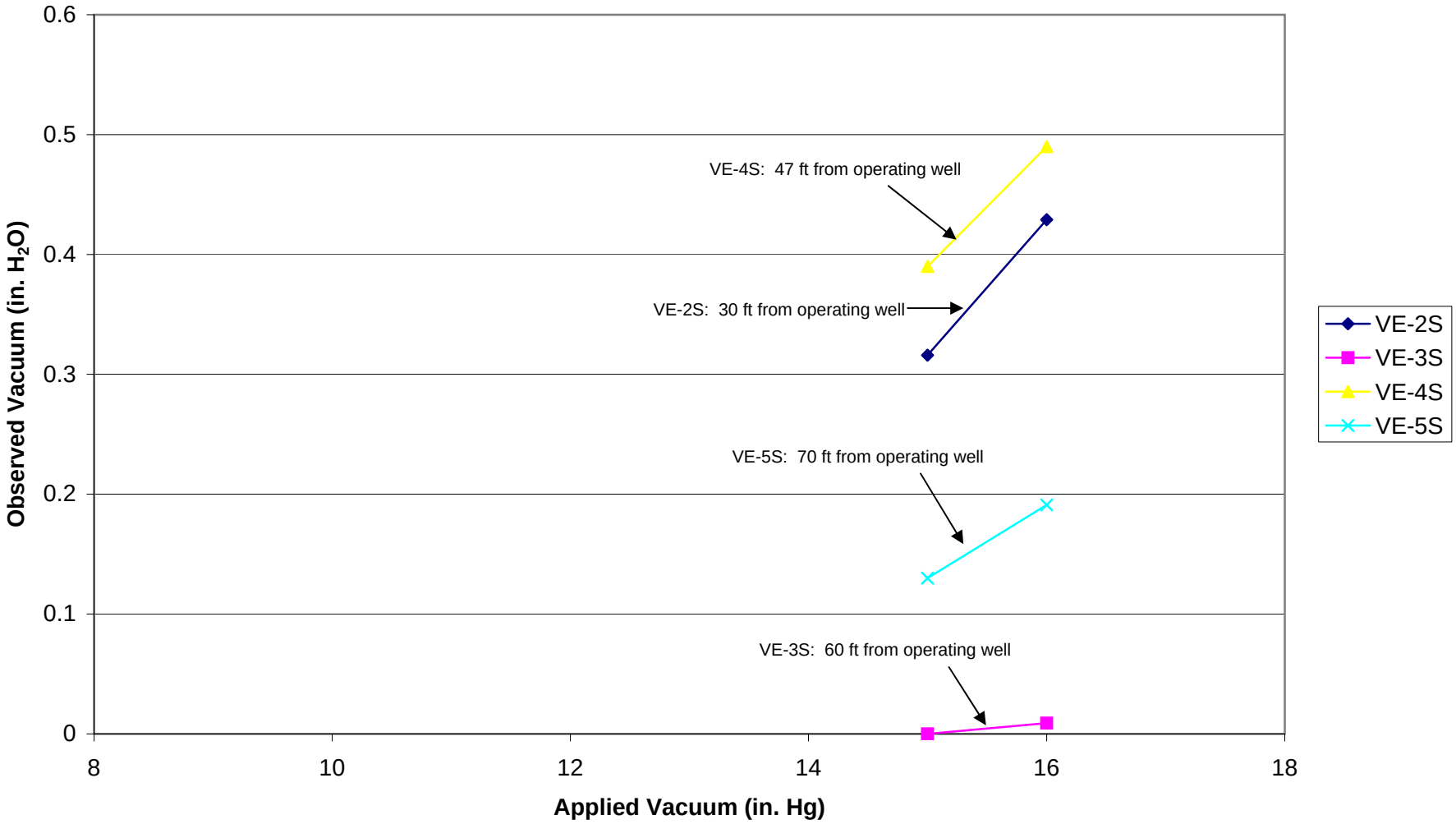

Figure B-2
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Response at Shallow Wells for Operating Well VE-2S

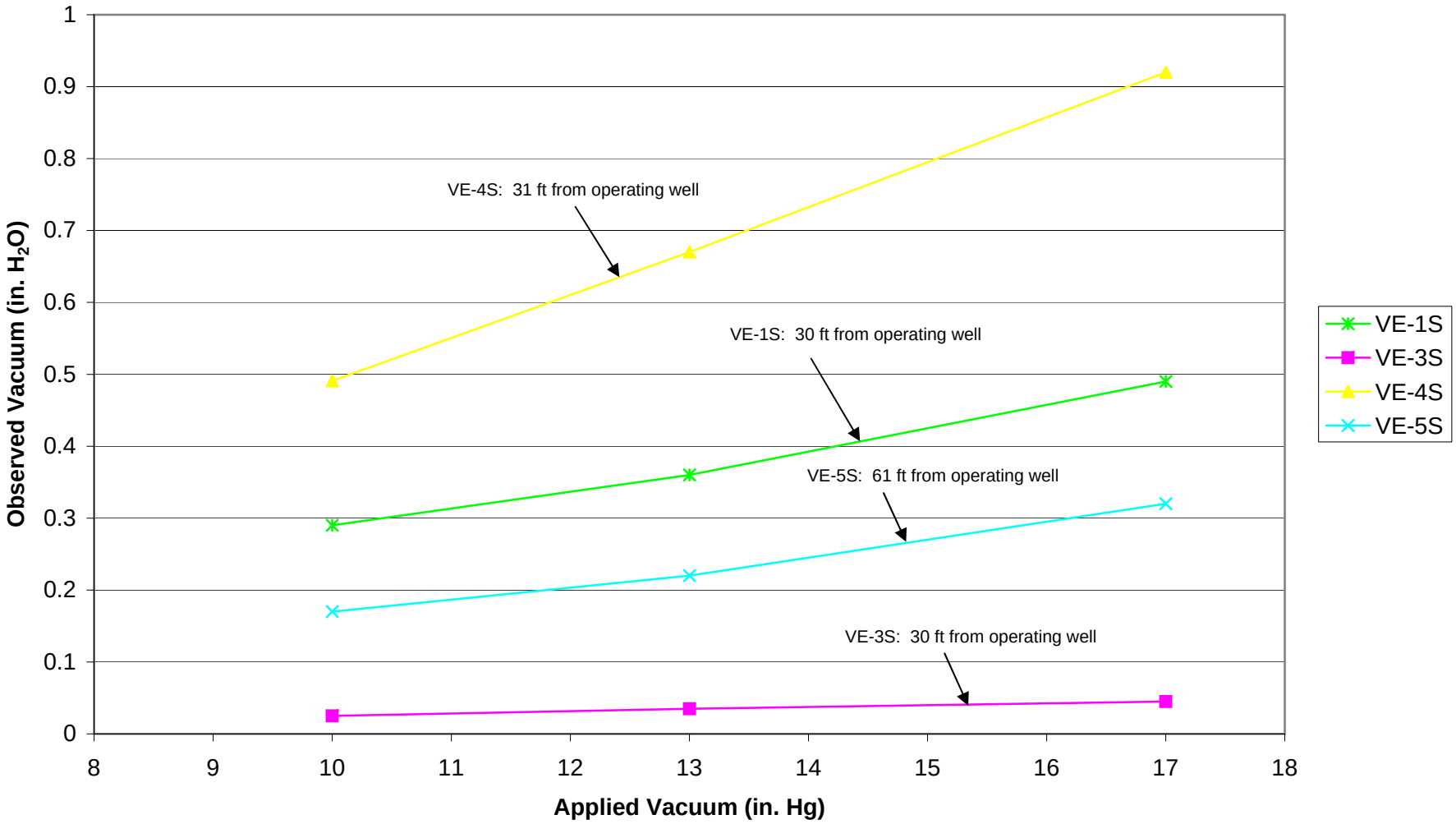

Figure B-3
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Response at Shallow Wells for Operating Well VE-3S

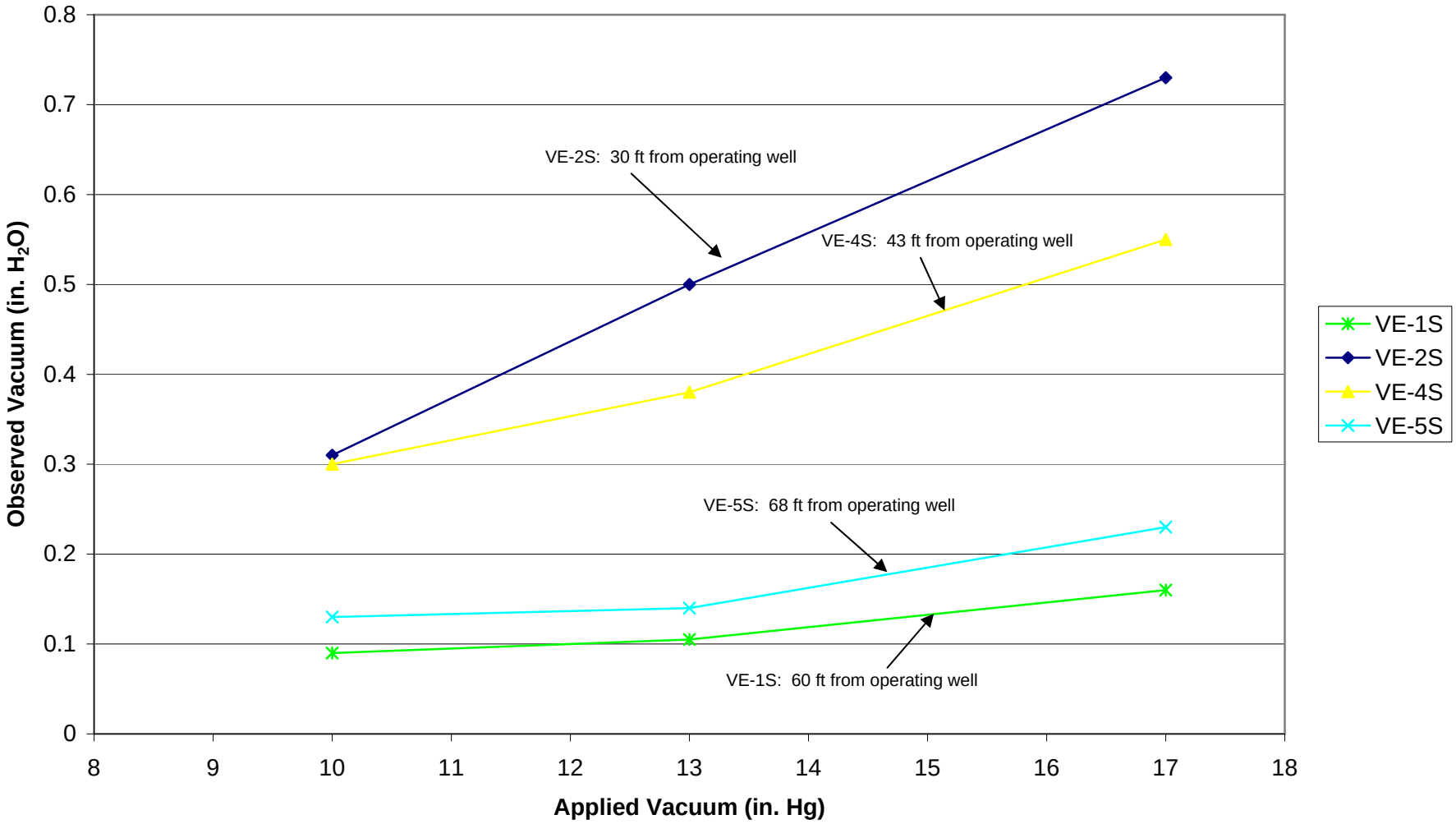

Figure B-4
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Response at Shallow Wells for Operating Well VE-4S

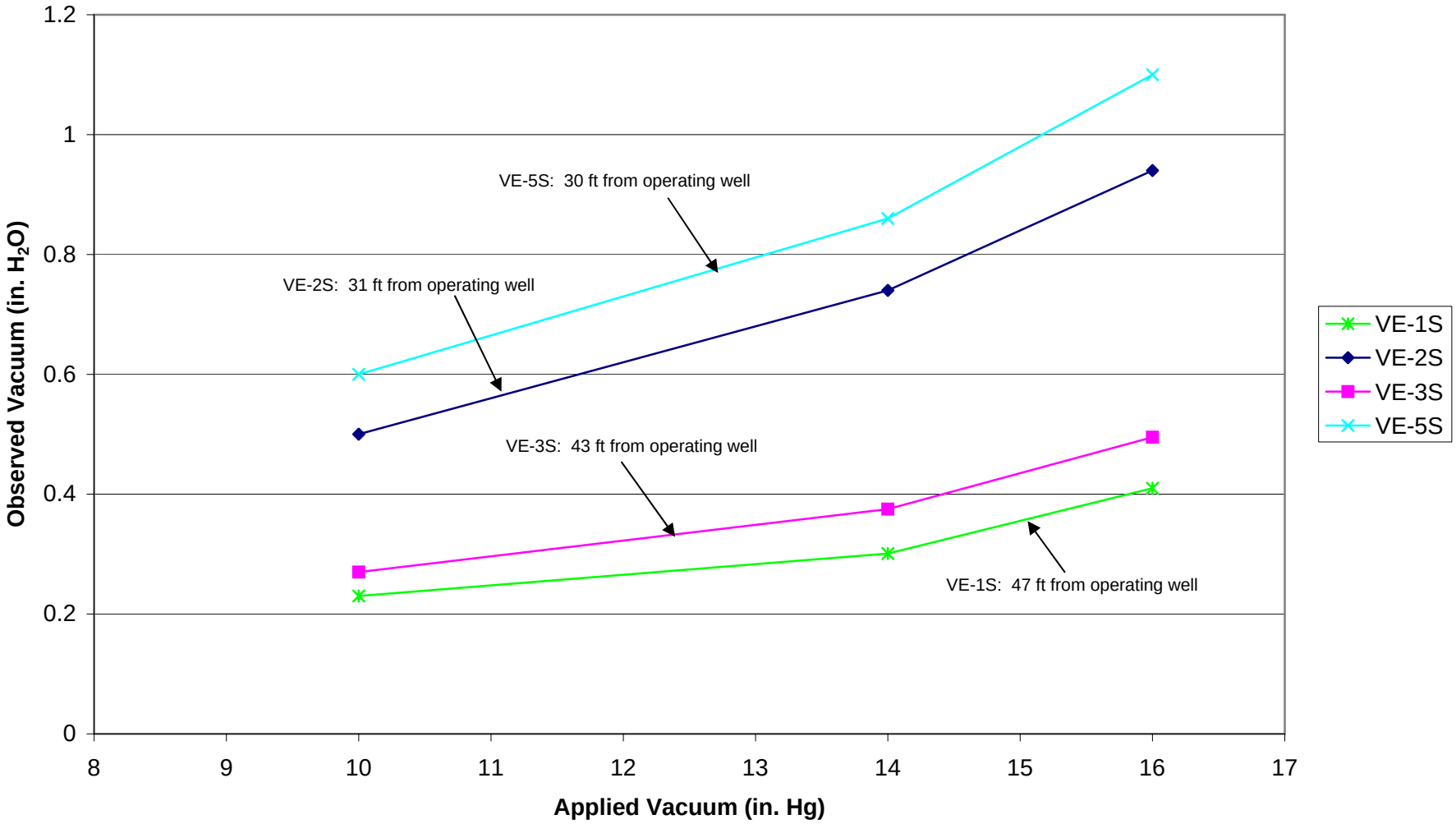

Figure B-5
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Response at Shallow Wells for Operating Well VE-5S

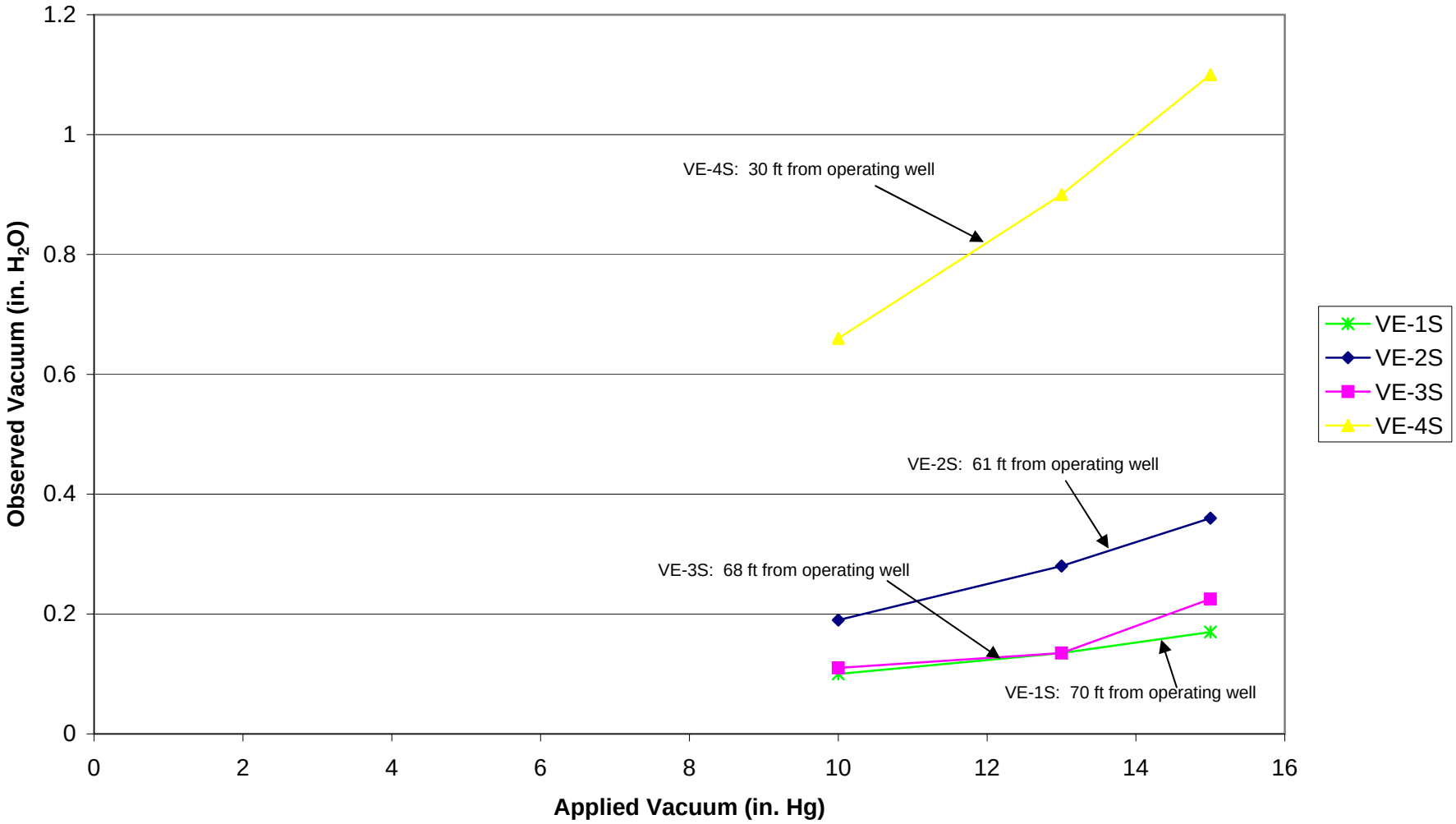

Figure B-6
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Response at Medium Wells for Operating Well VE-1M

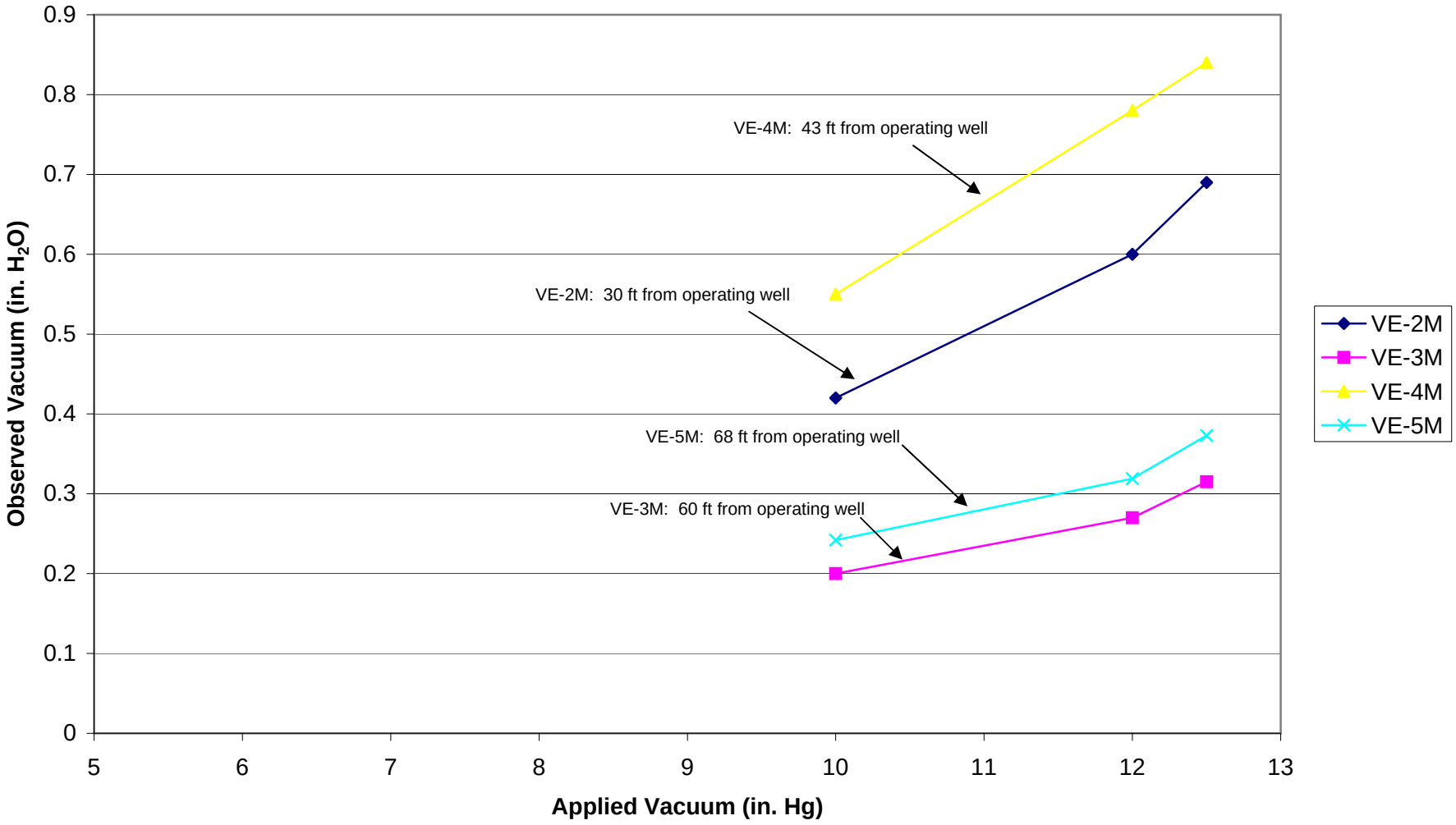

Figure B-7
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Reponse at Medium Wells for Operating Well VE-2M

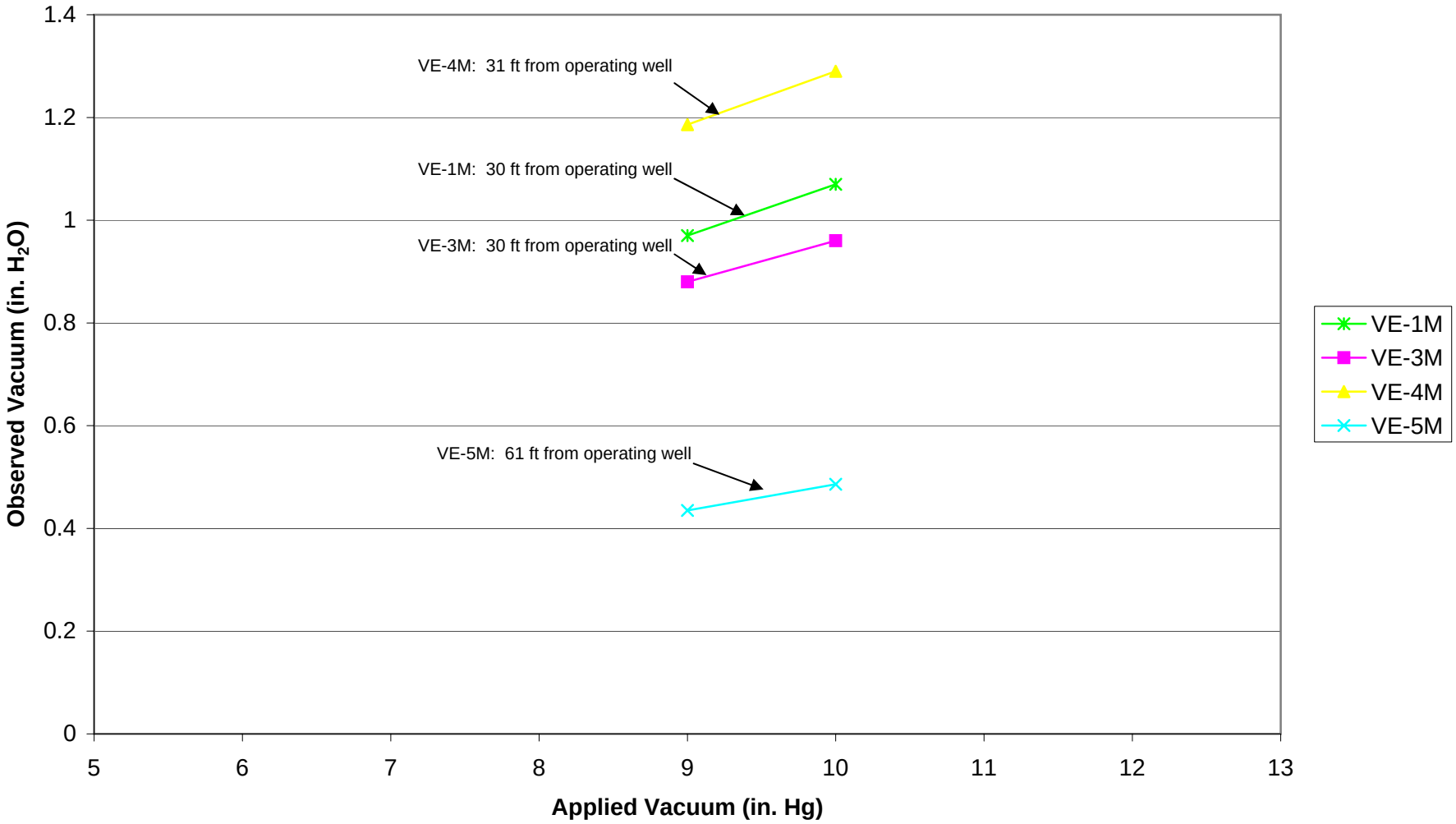

Figure B-8
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Reponse at Medium Wells for Operating Well VE-3M

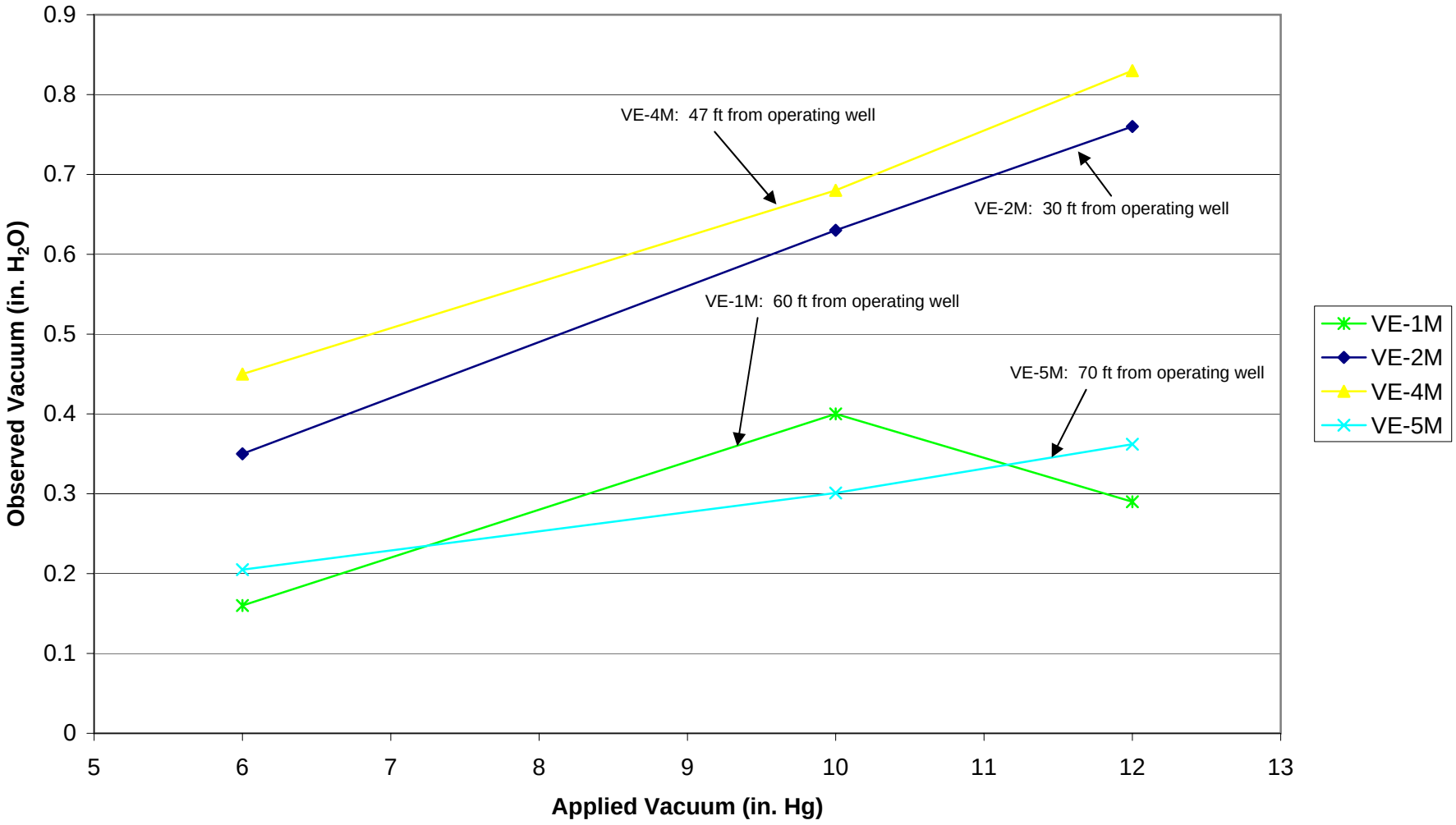

Figure B-9
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Response at Medium Wells for Operating Well VE-4M

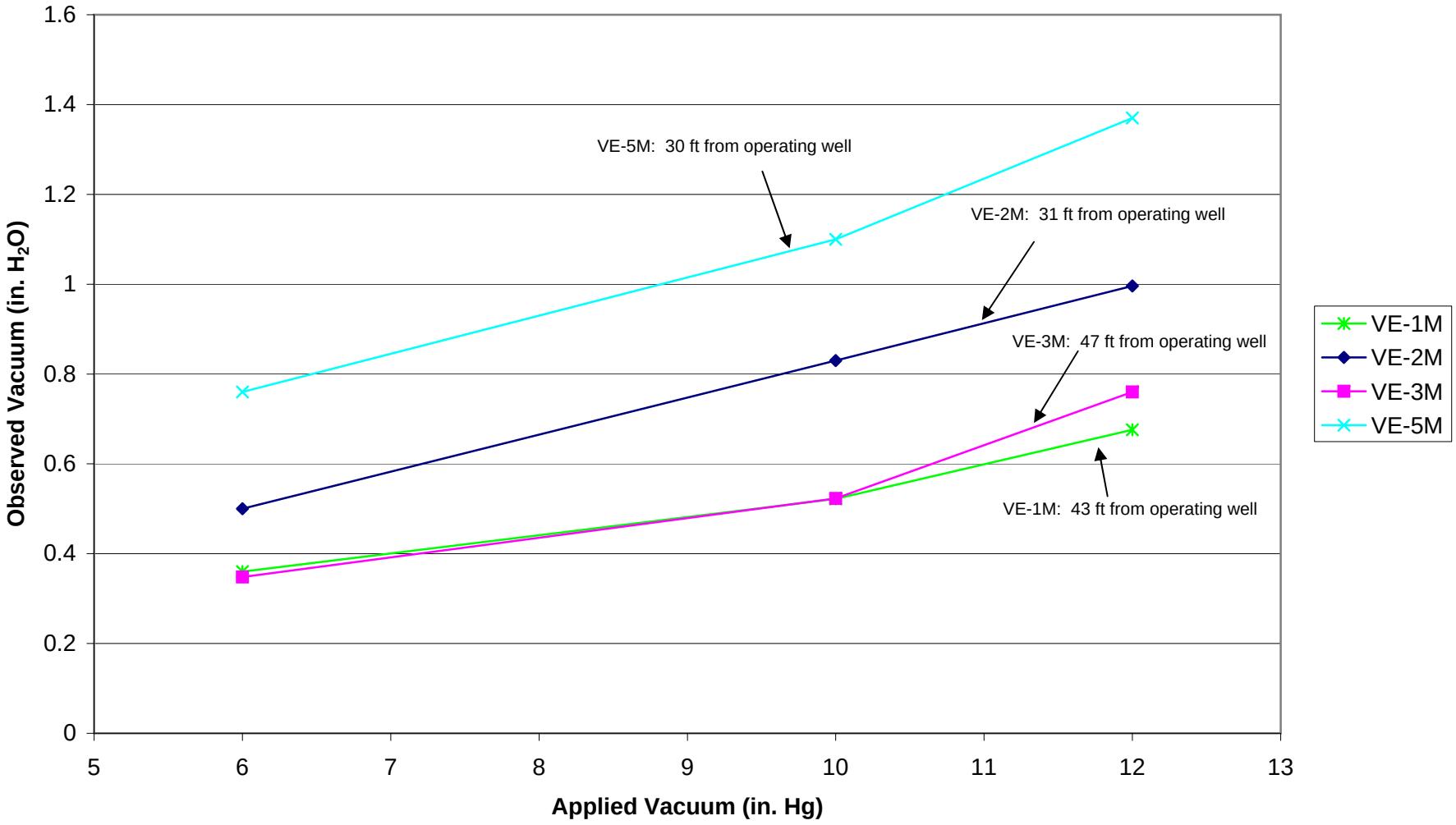

Figure B-10
Omega Chemical Superfund Site SVE Pilot Test
Vacuum Response at Medium Wells for Operating Well VE-5M

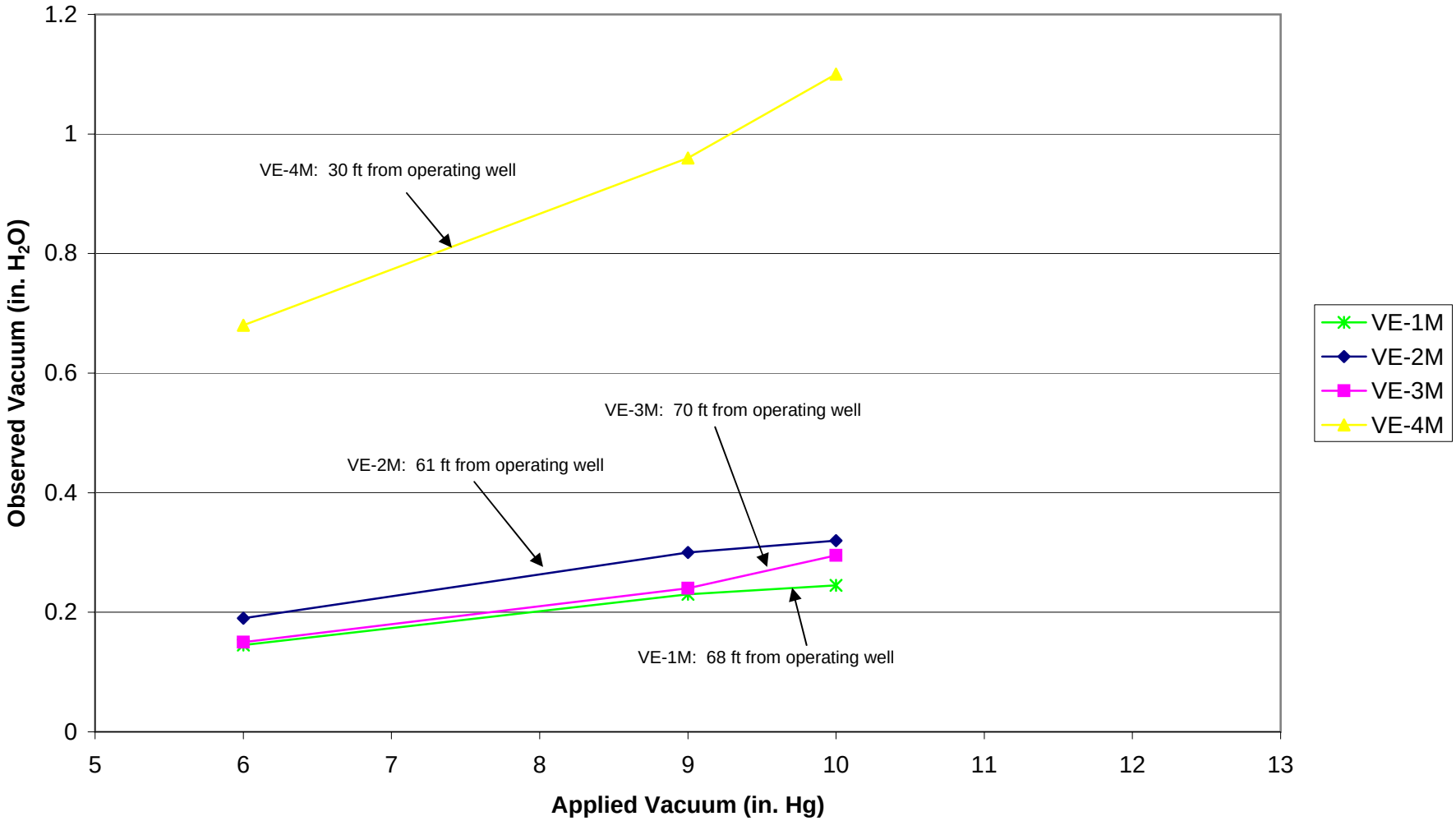

Table B-1
Omega Chemical Superfund Site SVE Pilot Test
Baseline Data

SVE Well/Vapor Probe ID	Vacuum (in. H20)	PID (ppmv)	FID (ppmv)	Notes
VE-1S	0	16.5	35	w/o purge
VE-2S	0.002	8.6	117	w/o purge
VE-3S	0.004	20	142	w/o purge
VE-4S	0.006	29	488	w/o purge
VE-5S	0	49.4	369	w/o purge
VE-1M	0	1.8	65	w/o purge
VE-2M	0.002	11	52	w/o purge
VE-3M	0.004	0.8	425	8 min. purge
VE-4M	0.01	24	490	w/o purge
VE-5M	0.02	85	1170	w/o purge
VP-9 18'	0.006	30	437	
VP-9 24'	0	24	4.4	PID/FID measured directly from probe
VP-8 18'	0.001	107	917	
VP-8 24'	0.002	31	90	not enough suction to fill Tedlar bag
VP-11 18'	0.001	61.3	1100	
VP-11 24'	0.001	97.7	1449	
VP-7 18'	0.002	12	99	
VP-7 24'	0.1	2	3	PID/FID measured directly from probe

Notes

in. H2O	inches of water
ppmv	parts per million by volume

Table B-2
Omega Chemical Superfund Site SVE Pilot Test
VE-1S Step Test Field Data 10/17/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings								
			VE-1S - Wellhead Vacuum (in. Hg)	VE-1M (in. H2O)	VE-2S (in. H2O)	VE-2M (in. H2O)	VE-3S (in. H2O)	VE-3M (in. H2O)	VE-4S (in. H2O)	VE-4M (in. H2O)	VE-5S (in. H2O)	VE-5M (in. H2O)
Step 1	11:01	100	**15**	1.81	0.2	0.3	0.005	0.085	0.3	0.2	0.09	0.11
	11:40	115	**15**	2.1	0.263	0.34	0.006	0.11	0.36	0.25	0.126	0.145
	12:15	> 125	**15**	2.38	0.293	0.38	0.004	0.11	0.35	0.25	0.114	0.138
	13:52	> 125	**15**	2.64	0.316	0.42	0	0.11	0.39	0.3	0.13	0.135
Step 2	14:55	> 125	**17**	3.14	0.384	0.5	0.005	0.16	0.45	0.35	0.17	0.201
	16:03	> 125	**16**	3.37	0.429	0.56	0.009	0.18	0.49	0.4	0.191	0.208

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	11:13	11	50	0	6	0	25
	11:30	18	68	--	--	--	--
	11:45	0.9	70.6	0	4.6	0	3.5
	13:55	0	43	0	5.1	0	3.1
Step 2	14:13	1.1	76.2	0	5.8	0	6
	14:55	2.4	70	--	--	--	--
	15:45	5.3	71	0	0	0	0

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.

Table B-3
Omega Chemical Superfund Site SVE Pilot Test
VE-2S Step Test Field Data 10/18/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings									
			VE-1S (in. H2O)	VE-1M (in. H2O)	**VE-2S - Wellhead Vacuum (in. Hg)**	VE-2M (in. H2O)	VE-3S (in. H2O)	VE-3M (in. H2O)	VE-4S (in. H2O)	VE-4M (in. H2O)	VE-5S (in. H2O)	VE-5M (in. H2O)
Step 1	9:16	80	0.26	1.81	**10**	1.17	0.02	0.4	0.46	0.4	0.16	0.19
	10:03	80	0.29	2.1	**10**	1.25	0.025	0.44	0.49	0.45	0.17	0.2
	10:41	85	0.29	2.64	**10**	1.241	0.025	0.44	0.491	0.45	0.17	0.195
Step 2	11:36	108	0.32	0.35	**13**	1.29	0.025	0.5	0.6	0.55	0.195	0.23
	12:20	118	0.34	0.37	**13**	1.371	0.03	0.54	0.63	0.57	0.2	0.235
	13:20	120	0.36	0.4	**13**	1.554	0.035	0.58	0.67	0.6	0.22	0.24
Step 3	14:12	> 125	0.44	0.485	**17**	2.02	0.04	0.72	0.84	0.75	0.286	0.306
	14:56	> 125	0.48	0.526	**17**	2.18	0.045	0.76	0.88	0.8	0.302	0.345
	15:57	> 125	0.49	0.549	**16**	2.23	0.045	0.8	0.92	0.83	0.32	0.34

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	9:00	148	368	0	2.3	0	0
	9:33	137	382.5	--	--	--	--
	10:13	97	382.5	--	--	--	--
	10:47	78	363.4	2.6	5.8	1.3	20
Step 2	11:10	71	363	1.4	7	1.3	7.1
	11:45	67	376.7	--	--	--	--
	12:30	66	378.1	--	--	--	--
	13:28	85	386.7	2	4	1.4	1.1
Step 3	13:49	80.6	390.5	1.6	9.9	1.3	7.8
	14:20	88	413.4	--	--	--	--
	15:05	88	420	--	--	--	--
	16:06	76	393	2.2	7.8	0	4.3

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.

Table B-4
Omega Chemical Superfund Site SVE Pilot Test
VE-3S Step Test Field Data 10/19/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings									
			VE-1S (in. H2O)	VE-1M (in. H2O)	VE-2S (in. H2O)	VE-2M (in. H2O)	**VE-3S - Wellhead Vacuum (in. Hg)**	VE-3M (in. H2O)	VE-4S (in. H2O)	VE-4M (in. H2O)	VE-5S (in. H2O)	VE-5M (in. H2O)
Step 1	9:06	80	0.075	0.085	0.32	0.13	**10**	1.56	0.25	0.26	0.12	0.12
	9:50	80	0.085	0.09	0.36	0.15	**10**	1.63	0.28	0.28	0.13	0.125
	10:52	82	0.09	0.1	0.31	0.15	**9**	1.714	0.3	0.3	0.13	0.14
Step 2	11:43	13	0.11	0.14	0.47	0.2	**13**	2.15	0.36	0.36	0.15	0.16
	12:27	13	0.11	0.14	0.48	0.24	**13**	2.29	0.4	0.38	0.175	0.18
	13:10	12	0.105	0.13	0.5	0.25	**12**	2.31	0.38	0.36	0.14	0.155
Step 3	14:20	> 125	0.14	0.16	0.66	0.33	**17**	3.07	0.5	0.48	0.21	0.225
	15:00	> 125	0.15	0.18	0.7	0.35	**16**	3.23	0.55	0.54	0.24	0.25
	15:46	> 125	0.16	0.18	0.73	0.37	**16**	3.31	0.55	0.54	0.23	0.23

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	8:47	192	475	0	2.5	0	2.5
	9:17	194	512	--	--	--	--
	9:57	180	560	0	6.7	--	--
	11:03	159	590	0	11.8	0	5.9
Step 2	11:21	142	560	0	19.3	0	7.6
	11:48	150	579	--	--	--	--
	12:33	129	569.6	0	6.4	--	--
	13:24	160	603	0	1.9	0.2	0
Step 3	13:42	140	614	8.4	19.5	0.4	16.4 *
	14:29	167	652	--	--	--	--
	15:03	165	626	--	--	--	--
	15:54	160	581	0	0.5	0	0

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.
*	Background detection of 25.0 ppmv

Table B-5
Omega Chemical Superfund Site SVE Pilot Test
VE-4S Step Test Field Data 10/20/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings									
			VE-1S (in. H2O)	VE-1M (in. H2O)	VE-2S (in. H2O)	VE-2M (in. H2O)	VE-3S (in. H2O)	VE-3M (in. H2O)	**VE-4S - Wellhead Vacuum (in. Hg)**	VE-4M (in. H2O)	VE-5S (in. H2O)	VE-5M (in. H2O)
Step 1	8:55	75	0.185	0.25	0.44	0.25	0.21	0.323	**10**	2.72	0.52	0.58
	9:35	83	0.21	0.27	0.48	0.27	0.225	0.333	**10**	3.01	0.55	0.63
	10:15	84	0.23	0.3	0.5	0.3	0.27	0.363	**10**	3.13	0.6	0.68
Step 2	11:15	120	0.274	0.34	0.64	0.4	0.331	0.448	**14**	4.11	0.75	0.86
	12:05	125	0.28	0.37	0.69	0.43	0.348	0.473	**14**	4.32	0.8	0.9
	12:45	> 125	0.301	0.42	0.74	0.5	0.375	0.509	**14**	4.65	0.86	0.98
Step 3	13:45	> 125	0.37	0.49	0.88	0.6	0.47	0.623	**16**	5.62	1.04	1.076
	14:42	> 125	0.4	0.55	0.93	0.64	0.49	0.65	**15.5**	5.9	1.06	1.106
	15:10	> 125	0.41	0.58	0.94	0.65	0.495	0.671	**15.5**	6.01	1.1	1.14

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	8:32	151	756	0	3.7	0	0
	9:02	173	855	--	--	--	--
	9:46	167	741	--	--	--	--
	10:26	135	851	0	7	0	4.6
Step 2	10:47	123	777	0	9.6	0	7.4
	11:23	137	850	--	--	--	--
	12:15	142	830	--	--	--	--
	12:55	142	741	0	5.2	0	2.4
Step 3	13:15	116	691	0	21.6	0	18.1 *
	13:55	136	802	--	--	--	--
	14:49	133	763	--	--	--	--
	15:17	136	679	0	2.5	0	3.6

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.
*	Background detection of 32.5 ppmv

Table B-6
Omega Chemical Superfund Site SVE Pilot Test
VE-5S Step Test Field Data 10/23/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings									
			VE-1S (in. H2O)	VE-1M (in. H2O)	VE-2S (in. H2O)	VE-2M (in. H2O)	VE-3S (in. H2O)	VE-3M (in. H2O)	VE-4S (in. H2O)	VE-4M (in. H2O)	**VE-5S - Wellhead Vacuum (in. Hg)**	VE-5M (in. H2O)
Step 1	8:45	-- *	0.06	0.1	0.14	0.09	0.075	0.115	0.47	0.4	**10**	1.736
	9:50	-- *	0.09	0.14	0.17	0.11	0.0975	0.145	0.57	0.5	**10**	2.03
	10:15	-- *	0.1	0.15	0.19	0.12	0.11	0.16	0.66	0.55	**9**	2.05
Step 2	12:32	-- *	0.15	0.22	0.38	0.19	0.175	0.5	0.9	0.85	**13**	3.15
	13:10	-- *	0.135	0.22	0.28	0.19	0.165	0.255	0.9	0.85	**13**	3.26
Step 3	14:47	15	0.17	0.26	0.36	0.23	0.225	0.35	1.1	1.05	**15**	3.94
	15:25	13	0.17	0.26	0.34	0.22	0.225	0.32	1.05	0.98	**13**	3.77
	16:10	13	0.17	0.26	0.36	0.225	0.22	0.36	1.05	1	**13**	3.86

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	8:20	355	763	0	0	0	0
	8:52	410	981	--	--	--	--
	9:06	446	1010	--	--	--	--
	9:20	414	1035	0	1.3	--	--
	9:55	476	1150	--	--	--	--
	10:20	448	1130	0	0	0	0
Step 2	11:04	436	1238	--	--	--	--
	12:02	315	725	0	3.3	0	1.8
	12:41	350	958	--	--	--	--
	13:24	370	979	--	--	--	--
	13:58	338	1140	0	11.6	--	--
Step 3	14:37	349	1159	0	3.7	0	3.6
	15:12	297	734	--	--	--	--
	15:34	275	740	--	--	--	--
	16:16	291	719	0	0	0	0

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.
*	Incorrect flow meter assembly resulted in erroneous readings.

Table B-7
Omega Chemical Superfund Site SVE Pilot Test
VE-1M Step Test Field Data 10/24/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings									
			VE-1S (in. H2O)	**VE-1M - Wellhead Vacuum (in. Hg)**	VE-2S (in. H2O)	VE-2M (in. H2O)	VE-3S (in. H2O)	VE-3M (in. H2O)	VE-4S (in. H2O)	VE-4M (in. H2O)	VE-5S (in. H2O)	VE-5M (in. H2O)
Step 1	9:00	100	3.06	**10**	0.46	0.4	0.13	0.17	0.46	0.53	0.22	0.22
	9:43	105	3.14	**10**	0.48	0.42	0.132	0.2	0.49	0.56	0.235	0.24
	10:15	105	3.19	**10**	--	0.42	0.135	0.2	0.5	0.55	0.235	0.242
Step 2	11:40	150	4.07	**13**	0.64	0.55	0.18	0.26	0.66	0.74	0.284	0.319
	12:15	150	4.22	**13**	0.65	0.57	0.18	0.27	0.68	0.76	0.291	0.319
	12:47	155	4.29	**12**	0.65	0.6	0.185	0.27	0.7	0.78	0.292	0.319
Step 3	13:43	170	4.6	**13**	0.75	0.62	0.21	0.3	0.76	0.84	0.331	0.368
	14:17	170	4.68	**12.5**	0.75	0.69	0.215	0.315	0.78	0.84	0.331	0.373
	15:07	170	4.78	**12**	0.76	0.72	0.225	0.33	0.8	0.86	0.353	0.384

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	8:33	161	257	0	0	0	0
	9:03	117	224.9	--	--	--	--
	9:49	119	232	--	--	--	--
	10:03	119	228	0	0	0	0
Step 2	10:45	113	278	0	3.3	0	3.5
	11:47	145	353	--	--	--	--
	12:21	145	349	--	--	--	--
	12:57	155	376	0	0	0	0
Step 3	13:15	142	362	0	0	0	0
	13:47	164	391	--	--	--	--
	14:23	170	406	--	--	--	--
	15:22	189	434	0	0	0	0

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.

Table B-8
Omega Chemical Superfund Site SVE Pilot Test
VE-2M Step Test Field Data 10/25/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings									
			VE-1S (in. H2O)	VE-1M (in. H2O)	VE-2S (in. H2O)	**VE-2M - Wellhead Vacuum (in. Hg)**	VE-3S (in. H2O)	VE-3M (in. H2O)	VE-4S (in. H2O)	VE-4M (in. H2O)	VE-5S (in. H2O)	VE-5M (in. H2O)
Step 1	9:15	140	0.62	0.92	3.83	**10**	0.586	0.795	1.581	1.135	0.403	0.418
	9:52	150	0.69	0.93	3.96	**10**	0.64	0.84	1.086	1.15	0.434	0.453
	10:40	140	0.68	0.97	4.03	**9**	0.67	0.88	1.096	1.186	0.424	0.435
Step 2	11:38	160	0.73	1.05	4.36	**10**	0.72	0.94	1.18	1.27	0.471	0.482
	12:20	160	0.75	1.06	4.42	**10**	0.74	0.97	1.208	1.308	0.483	0.501
	13:10	160	0.75	1.07	4.43	**10**	0.73	0.96	1.193	1.29	0.463	0.486

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	8:55	138	282	0	0	0	0
	9:21	152	331	--	--	--	--
	9:57	166	401	--	--	--	--
	10:53	165	446	0	0	0	0
Step 2	11:30	198	489	0	0	0	0
	12:24	209	538	--	--	--	--
	13:19	221	544	0	0	0	0

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.

Table B-9
Omega Chemical Superfund Site SVE Pilot Test
VE-3M Step Test Field Data 10/26/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings									
			VE-1S (in. H2O)	VE-1M (in. H2O)	VE-2S (in. H2O)	VE-2M (in. H2O)	VE-3S (in. H2O)	**VE-3M - Wellhead Vacuum (in. Hg)**	VE-4S (in. H2O)	VE-4M (in. H2O)	VE-5S (in. H2O)	VE-5M (in. H2O)
Step 1	8:26	80	0.09	0.13	0.35	0.3	1.89	**6**	0.38	0.4	0.19	0.175
	9:05	82	0.095	0.15	0.35	0.35	--	**6**	0.4	0.42	0.21	0.19
	9:40	83	0.105	0.16	0.35	0.35	1.945	**6**	0.45	0.45	0.23	0.205
Step 2	10:45	110	0.17	0.245	0.6	0.6	3.01	**10**	0.68	0.67	0.312	0.295
	11:26	120	0.17	0.245	0.65	0.6	3.05	**10**	0.69	0.68	0.31	0.292
	12:00	120	0.17	0.4	0.65	0.63	3.11	**10**	0.71	0.7	0.314	0.301
Step 3	12:53	150	0.2	0.285	0.76	0.74	3.64	**12**	0.82	0.8	0.366	0.349
	13:35	150	0.205	0.29	0.8	0.75	3.79	**12**	0.85	0.82	0.377	0.355
	14:10	152	0.22	0.29	0.84	0.76	3.88	**12**	0.86	0.83	0.387	0.362

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	8:00	467	992	--	--	--	--
	8:34	431	720	0	0	0	0
	9:11	413	748	--	--	--	--
	9:53	403	714	0	0	0	0
Step 2	10:17	403	831	--	--	--	--
	10:53	391	740	0	0	0	0
	11:32	332	803	--	--	--	--
	12:09	352	814	0	0.3	0	0
Step 3	12:35	348	874	--	--	--	--
	13:00	325	807	0	1.4	0	0
	13:39	344	875	--	--	--	--
	14:19	341	797	0	5.2	0	1.6

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.

Table B-10
Omega Chemical Superfund Site SVE Pilot Test
VE-4M Step Test Field Data 10/27/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings									
			VE-1S (in. H2O)	VE-1M (in. H2O)	VE-2S (in. H2O)	VE-2M (in. H2O)	VE-3S (in. H2O)	VE-3M (in. H2O)	VE-4S (in. H2O)	**VE-4M - Wellhead Vacuum (in. Hg)**	VE-5S (in. H2O)	VE-5M (in. H2O)
Step 1	8:45	85	0.23	0.35	0.4	0.5	0.271	0.378	3.49	**6**	0.67	0.74
	9:30	85	0.24	0.36	0.42	0.5	0.26	0.359	3.5	**6**	0.7	0.76
	10:15	85	0.247	0.36	0.45	0.5	0.255	0.348	3.5	**6**	0.7	0.76
Step 2	11:15	110	0.364	0.513	0.78	0.83	0.38	0.528	5.23	**10**	0.91	1.05
	11:45	110	0.4	0.525	0.77	0.83	0.393	0.546	5.3	**10**	0.96	1.08
	12:35	118	0.4	0.522	0.77	0.83	0.388	0.523	5.38	**9.8**	0.98	1.1
Step 3	13:33	145	0.48	0.658	0.97	0.963	0.496	0.72	6.58	**12**	1.22	1.35
	14:00	145	0.485	0.664	0.97	0.98	0.496	0.75	6.65	**12**	1.24	1.36
	14:50	145	0.495	0.676	0.99	0.996	0.5	0.76	6.71	**11.8**	1.25	1.37

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	8:30	386	1162	0	0	0	0
	9:00	267	528	--	--	--	--
	9:40	235	511	--	--	--	--
	10:28	280	531	0	0	0	0
Step 2	10:53	290	630	--	--	--	--
	11:22	326	627	0	0	0	0
	11:50	315	661	--	--	--	--
	12:45	318	675	0	0	0	0
Step 3	13:05	387	1297	--	--	--	--
	13:38	326	919	0	1.8	0	1.6
	14:05	351	960	--	--	--	--
	14:55	390	979	0	0	0	0

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.

Table B-11
Omega Chemical Superfund Site SVE Pilot Test
VE-5M Step Test Field Data 10/30/06

Step	Time	Flow Rate at Wellhead (ACFM)	Vacuum Readings									
			VE-1S (in. H2O)	VE-1M (in. H2O)	VE-2S (in. H2O)	VE-2M (in. H2O)	VE-3S (in. H2O)	VE-3M (in. H2O)	VE-4S (in. H2O)	VE-4M (in. H2O)	VE-5S (in. H2O)	**VE-5M - Wellhead Vacuum (in. Hg)**
Step 1	8:20	75	0.11	0.145	0.18	0.18	0.12	0.145	0.52	0.6	2.16	**6**
	9:10	75	0.11	0.14	0.17	0.18	0.12	0.145	0.55	0.66	2.17	**6**
	9:42	75	0.11	0.145	0.17	0.19	0.13	0.15	0.55	0.68	2.19	**6**
Step 2	10:35	120	0.16	0.22	0.27	0.28	0.175	0.22	0.84	0.93	3.27	**10**
	11:12	120	0.17	0.22	0.28	0.3	0.185	0.24	0.85	0.95	3.33	**10**
	11:55	125	0.18	0.23	0.28	0.3	0.19	0.24	0.86	0.96	3.45	**9**
Step 3	12:45	105	0.17	0.245	0.3	0.32	0.21	0.276	0.95	1.06	3.68	**10**
	13:22	105	0.18	0.245	0.3	0.32	0.21	0.277	0.96	1.08	3.74	**10**
	14:12	105	0.19	0.245	0.31	0.32	0.22	0.295	0.98	1.1	3.81	**10**

Step	Time	Influent		Outlet		Effluent	
		PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)	PID (ppmv)	FID (ppmv)
Step 1	8:00	626	1628	--	--	--	--
	8:25	425	585	0	0	0	0
	9:15	363	562	--	--	--	--
	9:47	378	545	0	0	0	0
Step 2	10:08	464	886	--	--	--	--
	10:40	447	819	0	0	0	0
	11:17	453	882	--	--	--	--
	12:03	487	896	0	0	0	0
Step 3	13:30	455	942	--	--	--	--
	12:52	468	908	0	0	0	0
	13:26	426	974	--	--	--	--
	14:20	506	955	0	0	0	0

Notes

ACFM	actual cubic feet per minute
in. Hg	inches of mercury
in. H2O	inches of water
ppmv	parts per million by volume
--	Not measured.

Table B-12
Omega Chemical Superfund Site SVE Pilot Test
Data Gap Step Test Summary

Active Wellhead	Wellhead Vacuum (in. Hg)	Flow Rate (ACFM)	Liquid Ring Pump Vacuum (in. Hg)	Start Time	End time	Trial Duration (min.)	Influent PID (ppmv)	Influent FID (ppmv)
VE-1S	10	96	25	8:10	9:00	50	76	68.8
VE-2S	16	120	23	9:25	9:55	30	31.2	25.4
VE-3S	16	122	23.8	10:02	10:29	27	66.7	92.6
VE-4S	14	105	23	10:44	11:13	29	214	484
	15.5	130	23	11:13	11:36	23		
VE-3S*	16	128	23	11:42	11:57	15	155	248
VE-5S	8	80	26	12:05	12:57	52	204	418
	10	100	25	12:57	13:41	44	289	717
	13	110	23.5	13:41	14:30	49	325	988

Notes

in. Hg	inches of mercury
ACFM	actual cubic feet per minute
SCFM	standard cubic feet per minute
ppmv	parts per million by volume
*	Trial repeated

Appendix C

20 October 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 10/18/06 10:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/20/06 18:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-Influent-VE-IS-101706 --0148	T601434-01	Air	10/17/06 15:43	10/18/06 10:20
GAC-Outlet-VE-IS-101706 --0016	T601434-02	Air	10/17/06 15:37	10/18/06 10:20
GAC-Effluent-VE-IS-101706 --0098	T601434-03	Air	10/17/06 15:35	10/18/06 10:20

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/20/06 18:54

GAC-Influent-VE-IS-101706 --0148

T601434-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**18**	5.0	ppb(v)	2	6101804	10/18/06	10/19/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**8700**	1.0	"	2.84	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	2	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**220**	1.0	"	"	"	"	10/20/06	"	
Chloromethane	ND	5.0	"	"	"	"	10/19/06	"	
Cyclohexane	**8.5**	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	**250**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**27**	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**7300**	1.0	"	2.84	"	"	10/20/06	"	
cis-1,2-Dichloroethene	**330**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**47**	1.0	"	2	"	"	10/19/06	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**22000**	1.0	"	2.84	"	"	"	"	
1,2,4-Trichlorobenzene	**4.3**	1.0	"	2	"	"	"	"	
Tetrahydrofuran	**76**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/20/06 18:54

GAC-Influent-VE-IS-101706 --0148

T601434-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	**370**	1.0	ppb(v)	2.84	6101804	10/18/06	10/19/06	TO-15	
Trichloroethene	**860**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**3500**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**6.5**	1.0	"	2	"	"	"	"	
1,2,4-Trimethylbenzene	**33**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	10/20/06	"	
2-Butanone	**32**	5.0	"	"	"	"	10/19/06	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**7.4**	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/20/06 18:54

GAC-Outlet-VE-IS-101706 --0016

T601434-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**25**	5.0	ppb(v)	2	6101804	10/18/06	10/19/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**12**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**8.8**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**70**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**8.2**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/20/06 18:54

GAC-Outlet-VE-IS-101706 --0016

T601434-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichloroethene	**1.7**	1.0	ppb(v)	2	6101804	10/18/06	10/19/06	TO-15	
Trichlorofluoromethane	**3.8**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1.7**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2.7**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**36**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/20/06 18:54

GAC-Effluent-VE-IS-101706 --0098

T601434-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**23**	5.0	ppb(v)	2	6101804	10/18/06	10/19/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**18**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**4.1**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/20/06 18:54

GAC-Effluent-VE-IS-101706 --0098

T601434-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichloroethene	ND	1.0	ppb(v)	2	6101804	10/18/06	10/19/06	TO-15	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**34**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/20/06 18:54

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6101804 - Canister Analysis										
Blank (6101804-BLK1)				Prepared: 10/18/06 Analyzed: 10/19/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6101804 - Canister Analysis										
Blank (6101804-BLK1)				Prepared: 10/18/06 Analyzed: 10/19/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6101804-DUP1)		**Source: T601434-03**		Prepared: 10/18/06 Analyzed: 10/19/06						
Acetone	25.5	5.0	ppb(v)		23			10.3	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	ND	1.0	"		ND				30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		1.2				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/20/06 18:54

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6101804 - Canister Analysis										
Duplicate (6101804-DUP1)	**Source: T601434-03**		Prepared: 10/18/06 Analyzed: 10/19/06							
1,1-Dichloroethene	ND	1.0	ppb(v)		ND				30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	ND	1.0	"		ND				30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	21.4	1.0	"		18			17.3	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	4.65	1.0	"		4.1			12.6	30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	ND	1.0	"		ND				30	
1,3,5-Trimethylbenzene	ND	1.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	1.0	"		ND				30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	35.6	5.0	"		34			4.60	30	
Methyl isobutyl ketone	2.20	10	"		2.0			9.52	30	
Benzene	ND	1.0	"		ND				30	
Toluene	ND	1.0	"		ND				30	
Ethylbenzene	ND	1.0	"		ND				30	
m,p-Xylene	ND	2.0	"		ND				30	
o-Xylene	ND	1.0	"		ND				30	

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

Client: CDM

Address:

Phone: Fax:

Project Manager: Shannon Wallin

Date: 10/17/06 Page: 1 Of 1

Project Name: OMC-6A

Collector: S. Wallin Tuker Client Project #: 16766

Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	16				Laboratory ID #	Comments/Preservative	Total # of containers
	10/17/06	15 45												X					C148	1
	"	15 33	"											X					0006	1
	"	15 31	"											X					0098	1

CDM IRVINE

OCT 18 2006

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	10/17/06		10/18/06 1020
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	3
Chain of Custody seals Y/N/NA	
Seals intact? Y/N/NA	
Received good condition/cold	

Turn around time: Normal

Notes

1 - with email to Shannon Tucker

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

SunStar Laboratories, Inc.

27 October 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612
RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 10/20/06 10:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

3002 Dow Avenue, Suite 212, Tustin, CA 92780 Phone (714) 505-4010 Fax (714) 505-4028

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-INFLUENT-VE25-101806	T601449-01	Air	10/18/06 15:54	10/20/06 10:25
GAC-OUTLET-VE25-101806	T601449-02	Air	10/18/06 15:50	10/20/06 10:25
GACEFFLUENT-VE25-101806	T601449-03	Air	10/18/06 15:47	10/20/06 10:25

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

GAC-INFLUENT-VE25-101806
T601449-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	5.0	ppb(v)	2	6102015	10/20/06	10/20/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**42000**	1.0	"	45.77	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	2	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	**7.1**	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**620**	1.0	"	2.47	"	"	10/26/06	"	
Chloromethane	ND	5.0	"	2	"	"	10/20/06	"	
Cyclohexane	**8.2**	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**11**	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	**900**	1.0	"	2.47	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	2	"	"	"	"	
1,1-Dichloroethene	**51000**	1.0	"	45.77	"	"	10/26/06	"	
cis-1,2-Dichloroethene	**4600**	1.0	"	2.47	"	"	"	"	
trans-1,2-Dichloroethene	**500**	1.0	"	"	"	"	10/20/06	"	
1,2-Dichloropropane	ND	1.0	"	2	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**110000**	1.0	"	45.77	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	2	"	"	"	"	
Tetrahydrofuran	**56**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

GAC-INFLUENT-VE25-101806
T601449-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	**350**	1.0	ppb(v)	2.47	6102015	10/20/06	10/20/06	TO-15	
Trichloroethene	**6800**	1.0	"	"	"	"	10/27/06	"	
Trichlorofluoromethane	**21000**	1.0	"	"	"	"	10/20/06	"	
1,3,5-Trimethylbenzene	ND	1.0	"	2	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**6.9**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**32**	1.0	"	"	"	"	"	"	
Toluene	**2.7**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

GAC-OUTLET-VE25-101806

T601449-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**30**	5.0	ppb(v)	2	6102015	10/20/06	10/20/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**59**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**66**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**8.1**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**230**	1.0	"	2.47	"	"	10/26/06	"	
1,2,4-Trichlorobenzene	ND	1.0	"	2	"	"	10/20/06	"	
Tetrahydrofuran	**4.3**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

GAC-OUTLET-VE25-101806
T601449-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichloroethene	**14**	1.0	ppb(v)	2	6102015	10/20/06	10/20/06	TO-15	
Trichlorofluoromethane	**29**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**31**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

GACEFFLUENT-VE25-101806
T601449-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**34**	5.0	ppb(v)	2	6102015	10/20/06	10/20/06	TO-15	H-1
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	H-1
Carbon disulfide	ND	1.0	"	"	"	"	"	"	H-1
Freon 113	**110**	1.0	"	"	"	"	"	"	H-1
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	H-1
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	H-1
Bromoform	ND	1.0	"	"	"	"	"	"	H-1
Bromomethane	ND	1.0	"	"	"	"	"	"	H-1
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	H-1
Chlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
Chloroethane	ND	1.0	"	"	"	"	"	"	H-1
Chloroform	ND	1.0	"	"	"	"	"	"	H-1
Chloromethane	ND	5.0	"	"	"	"	"	"	H-1
Cyclohexane	ND	1.0	"	"	"	"	"	"	H-1
Hexane	ND	1.0	"	"	"	"	"	"	H-1
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	H-1
Ethyl acetate	ND	3.0	"	"	"	"	"	"	H-1
Heptane	ND	1.0	"	"	"	"	"	"	H-1
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	H-1
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	H-1
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	H-1
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	H-1
1,1-Dichloroethene	**62**	1.0	"	"	"	"	"	"	H-1
cis-1,2-Dichloroethene	**6.0**	1.0	"	"	"	"	"	"	H-1
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	H-1
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	H-1
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	H-1
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	H-1
4-Ethyltoluene	**3.0**	1.0	"	"	"	"	"	"	H-1
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	H-1
Methylene chloride	ND	1.0	"	"	"	"	"	"	H-1
Styrene	ND	1.0	"	"	"	"	"	"	H-1
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	H-1
Tetrachloroethene	**290**	1.0	"	"	"	"	"	"	H-1
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
Tetrahydrofuran	**4.0**	1.0	"	"	"	"	"	"	H-1
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	H-1
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	H-1

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

GACEFFLUENT-VE25-101806
T601449-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichloroethene	**13**	1.0	ppb(v)	2	6102015	10/20/06	10/20/06	TO-15	H-1
Trichlorofluoromethane	**38**	1.0	"	"	"	"	"	"	H-1
1,3,5-Trimethylbenzene	**5.2**	1.0	"	"	"	"	"	"	H-1
1,2,4-Trimethylbenzene	**11**	1.0	"	"	"	"	"	"	H-1
Vinyl acetate	ND	1.0	"	"	"	"	"	"	H-1
Vinyl chloride	ND	1.0	"	"	"	"	"	"	H-1
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	H-1
2-Butanone	**38**	5.0	"	"	"	"	"	"	H-1
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	H-1
Benzene	ND	1.0	"	"	"	"	"	"	H-1
Toluene	**2.2**	1.0	"	"	"	"	"	"	H-1
Ethylbenzene	**1.8**	1.0	"	"	"	"	"	"	H-1
m,p-Xylene	**8.6**	2.0	"	"	"	"	"	"	H-1
o-Xylene	**6.2**	1.0	"	"	"	"	"	"	H-1

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CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102015 - Canister Analysis										
Blank (6102015-BLK1)			Prepared & Analyzed: 10/20/06							
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102015 - Canister Analysis										
Blank (6102015-BLK1)				Prepared & Analyzed: 10/20/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6102015-DUP1)		**Source: T601448-03**		Prepared & Analyzed: 10/20/06						
Acetone	17.4	5.0	ppb(v)		20			13.9	30	H-1
1,3-Butadiene	ND	2.0	"		ND				30	H-1
Carbon disulfide	ND	1.0	"		ND				30	H-1
Freon 113	141	1.0	"		170			18.6	30	H-1
Isopropyl alcohol	ND	1.0	"		ND				30	H-1
Bromodichloromethane	ND	1.0	"		ND				30	H-1
Bromoform	ND	1.0	"		ND				30	H-1
Bromomethane	ND	1.0	"		ND				30	H-1
Carbon tetrachloride	ND	1.0	"		ND				30	H-1
Chlorobenzene	ND	1.0	"		ND				30	H-1
Chloroethane	ND	1.0	"		ND				30	H-1
Chloroform	ND	1.0	"		ND				30	H-1
Chloromethane	ND	5.0	"		ND				30	H-1
Cyclohexane	ND	1.0	"		ND				30	H-1
Hexane	ND	1.0	"		ND				30	H-1
Dibromochloromethane	ND	1.0	"		ND				30	H-1
Ethyl acetate	ND	3.0	"		ND				30	H-1
Heptane	ND	1.0	"		ND				30	H-1
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	H-1
1,2-Dichlorobenzene	ND	1.0	"		ND				30	H-1
1,3-Dichlorobenzene	ND	1.0	"		ND				30	H-1
1,4-Dichlorobenzene	ND	1.0	"		ND				30	H-1
Dichlorodifluoromethane	ND	1.0	"		ND				30	H-1
1,1-Dichloroethane	2.54	1.0	"		2.5			1.59	30	H-1
1,2-Dichloroethane	ND	1.0	"		ND				30	H-1

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:54

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102015 - Canister Analysis										
Duplicate (6102015-DUP1)		**Source: T601448-03**		Prepared & Analyzed: 10/20/06						
1,1-Dichloroethene	79.6	1.0	ppb(v)		97			19.7	30	H-1
cis-1,2-Dichloroethene	8.00	1.0	"		9.8			20.2	30	H-1
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	H-1
1,2-Dichloropropane	ND	1.0	"		ND				30	H-1
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	H-1
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	H-1
4-Ethyltoluene	9.20	1.0	"		9.2			0.00	30	H-1
Hexachlorobutadiene	ND	1.0	"		ND				30	H-1
Methylene chloride	ND	1.0	"		ND				30	H-1
Styrene	ND	1.0	"		ND				30	H-1
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	H-1
Tetrachloroethene	237	1.0	"		300			23.5	30	H-1
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	H-1
Tetrahydrofuran	3.20	1.0	"		4.1			24.7	30	H-1
1,1,2-Trichloroethane	ND	1.0	"		ND				30	H-1
1,1,1-Trichloroethane	ND	1.0	"		ND				30	H-1
Trichloroethene	15.0	1.0	"		14			6.90	30	H-1
Trichlorofluoromethane	52.2	1.0	"		61			15.5	30	H-1
1,3,5-Trimethylbenzene	19.4	1.0	"		19			2.08	30	H-1
1,2,4-Trimethylbenzene	20.2	1.0	"		27			28.8	30	H-1
Vinyl acetate	ND	1.0	"		ND				30	H-1
Vinyl chloride	ND	1.0	"		ND				30	H-1
1,4-Dioxane	ND	5.0	"		ND				30	H-1
2-Butanone	26.2	5.0	"		29			10.1	30	H-1
Methyl isobutyl ketone	ND	10	"		ND				30	H-1
Benzene	ND	1.0	"		ND				30	H-1
Toluene	ND	1.0	"		ND				30	H-1
Ethylbenzene	ND	1.0	"		ND				30	H-1
m,p-Xylene	13.6	2.0	"		14			2.90	30	H-1
o-Xylene	13.6	1.0	"		17			22.2	30	H-1

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Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

H-1	Reported as Hexane
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

Client: CDM
Address:
Phone: Fax:
Project Manager: Sharon Wallin.

Date: 10/18/06 Page: 1 Of 1
Project Name: Omega
Collector: Ed Song Client Project #:
Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative (Canister IDs)	Total # of containers
GAC-INFLUENT-VE[illegible]	[illegible]	15:54	Air	canister										X					0175	1
GAC-OUTLET-VE[illegible]	↓	15:50	"	"										X					0141	1
GAC-EFFLUENT-VE[illegible]	↓	15:47	"	"										X					0047	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[illegible]	[illegible]	[illegible]	10 20 06 1024
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 3
Chain of Custody seals Y/N/NA:
Seals intact? Y/N/NA:
Received good condition/cold:

Turn around time: Normal

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

27 October 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 10/20/06 10:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-INFLUENT-VE35-101906	T601448-01	Air	10/19/06 15:41	10/20/06 10:25
GAC-EFFLUENT-VE35-101906	T601448-03	Air	10/19/06 15:38	10/20/06 10:25

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:50

GAC-INFLUENT-VE35-101906

T601448-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	5.0	ppb(v)	2	6102015	10/20/06	10/20/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**55000**	1.0	"	139.67	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	2	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	**25**	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**400**	1.0	"	3.67	"	"	10/26/06	"	
Chloromethane	ND	5.0	"	2	"	"	10/20/06	"	
Cyclohexane	**12**	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**14**	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	**940**	1.0	"	3.67	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	2	"	"	"	"	
1,1-Dichloroethene	**140000**	1.0	"	139.67	"	"	10/26/06	"	
cis-1,2-Dichloroethene	**940**	1.0	"	3.67	"	"	"	"	
trans-1,2-Dichloroethene	**1500**	1.0	"	"	"	"	10/20/06	"	
1,2-Dichloropropane	ND	1.0	"	2	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**160000**	1.0	"	139.67	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	2	"	"	"	"	
Tetrahydrofuran	**32**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:50

GAC-INFLUENT-VE35-101906

T601448-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	**150**	1.0	ppb(v)	2	6102015	10/20/06	10/20/06	TO-15	
Trichloroethene	**20000**	1.0	"	3.67	"	"	10/26/06	"	
Trichlorofluoromethane	**37000**	1.0	"	139.67	"	"	10/20/06	"	
1,3,5-Trimethylbenzene	ND	1.0	"	2	"	"	"	"	
1,2,4-Trimethylbenzene	**260**	1.0	"	3.67	"	"	"	"	
Vinyl acetate	ND	1.0	"	2	"	"	"	"	
Vinyl chloride	**17**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**34**	1.0	"	"	"	"	"	"	
Toluene	**15**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:50

GAC-EFFLUENT-VE35-101906

T601448-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**20**	5.0	ppb(v)	3.17	6102015	10/20/06	10/20/06	TO-15	H-1
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	H-1
Carbon disulfide	ND	1.0	"	"	"	"	"	"	H-1
Freon 113	**170**	1.0	"	"	"	"	"	"	H-1
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	H-1
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	H-1
Bromoform	ND	1.0	"	"	"	"	"	"	H-1
Bromomethane	ND	1.0	"	"	"	"	"	"	H-1
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	H-1
Chlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
Chloroethane	ND	1.0	"	"	"	"	"	"	H-1
Chloroform	ND	1.0	"	"	"	"	"	"	H-1
Chloromethane	ND	5.0	"	"	"	"	"	"	H-1
Cyclohexane	ND	1.0	"	"	"	"	"	"	H-1
Hexane	ND	1.0	"	"	"	"	"	"	H-1
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	H-1
Ethyl acetate	ND	3.0	"	"	"	"	"	"	H-1
Heptane	ND	1.0	"	"	"	"	"	"	H-1
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	H-1
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	H-1
1,1-Dichloroethane	**2.5**	1.0	"	"	"	"	"	"	H-1
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	H-1
1,1-Dichloroethene	**97**	1.0	"	"	"	"	"	"	H-1
cis-1,2-Dichloroethene	**9.8**	1.0	"	"	"	"	"	"	H-1
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	H-1
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	H-1
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	H-1
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	H-1
4-Ethyltoluene	**9.2**	1.0	"	"	"	"	"	"	H-1
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	H-1
Methylene chloride	ND	1.0	"	"	"	"	"	"	H-1
Styrene	ND	1.0	"	"	"	"	"	"	H-1
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	H-1
Tetrachloroethene	**300**	1.0	"	"	"	"	"	"	H-1
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	H-1
Tetrahydrofuran	**4.1**	1.0	"	"	"	"	"	"	H-1
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	H-1
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	H-1

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:50

GAC-EFFLUENT-VE35-101906

T601448-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichloroethene	**14**	1.0	ppb(v)	3.17	6102015	10/20/06	10/20/06	TO-15	H-1
Trichlorofluoromethane	**61**	1.0	"	"	"	"	"	"	H-1
1,3,5-Trimethylbenzene	**19**	1.0	"	"	"	"	"	"	H-1
1,2,4-Trimethylbenzene	**27**	1.0	"	"	"	"	"	"	H-1
Vinyl acetate	ND	1.0	"	"	"	"	"	"	H-1
Vinyl chloride	ND	1.0	"	"	"	"	"	"	H-1
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	H-1
2-Butanone	**29**	5.0	"	"	"	"	"	"	H-1
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	H-1
Benzene	ND	1.0	"	"	"	"	"	"	H-1
Toluene	ND	1.0	"	"	"	"	"	"	H-1
Ethylbenzene	ND	1.0	"	"	"	"	"	"	H-1
m,p-Xylene	**14**	2.0	"	"	"	"	"	"	H-1
o-Xylene	**17**	1.0	"	"	"	"	"	"	H-1

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:50

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102015 - Canister Analysis										
Blank (6102015-BLK1)				Prepared & Analyzed: 10/20/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:50

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102015 - Canister Analysis										
Blank (6102015-BLK1)				Prepared & Analyzed: 10/20/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6102015-DUP1)		**Source: T601448-03**		Prepared & Analyzed: 10/20/06						
Acetone	17.4	5.0	ppb(v)		20			13.9	30	H-1
1,3-Butadiene	ND	2.0	"		ND				30	H-1
Carbon disulfide	ND	1.0	"		ND				30	H-1
Freon 113	141	1.0	"		170			18.6	30	H-1
Isopropyl alcohol	ND	1.0	"		ND				30	H-1
Bromodichloromethane	ND	1.0	"		ND				30	H-1
Bromoform	ND	1.0	"		ND				30	H-1
Bromomethane	ND	1.0	"		ND				30	H-1
Carbon tetrachloride	ND	1.0	"		ND				30	H-1
Chlorobenzene	ND	1.0	"		ND				30	H-1
Chloroethane	ND	1.0	"		ND				30	H-1
Chloroform	ND	1.0	"		ND				30	H-1
Chloromethane	ND	5.0	"		ND				30	H-1
Cyclohexane	ND	1.0	"		ND				30	H-1
Hexane	ND	1.0	"		ND				30	H-1
Dibromochloromethane	ND	1.0	"		ND				30	H-1
Ethyl acetate	ND	3.0	"		ND				30	H-1
Heptane	ND	1.0	"		ND				30	H-1
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	H-1
1,2-Dichlorobenzene	ND	1.0	"		ND				30	H-1
1,3-Dichlorobenzene	ND	1.0	"		ND				30	H-1
1,4-Dichlorobenzene	ND	1.0	"		ND				30	H-1
Dichlorodifluoromethane	ND	1.0	"		ND				30	H-1
1,1-Dichloroethane	2.54	1.0	"		2.5			1.59	30	H-1
1,2-Dichloroethane	ND	1.0	"		ND				30	H-1

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 15:50

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102015 - Canister Analysis										
Duplicate (6102015-DUP1)		**Source: T601448-03**		Prepared & Analyzed: 10/20/06						
1,1-Dichloroethene	79.6	1.0	ppb(v)		97			19.7	30	H-1
cis-1,2-Dichloroethene	8.00	1.0	"		9.8			20.2	30	H-1
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	H-1
1,2-Dichloropropane	ND	1.0	"		ND				30	H-1
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	H-1
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	H-1
4-Ethyltoluene	9.20	1.0	"		9.2			0.00	30	H-1
Hexachlorobutadiene	ND	1.0	"		ND				30	H-1
Methylene chloride	ND	1.0	"		ND				30	H-1
Styrene	ND	1.0	"		ND				30	H-1
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	H-1
Tetrachloroethene	237	1.0	"		300			23.5	30	H-1
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	H-1
Tetrahydrofuran	3.20	1.0	"		4.1			24.7	30	H-1
1,1,2-Trichloroethane	ND	1.0	"		ND				30	H-1
1,1,1-Trichloroethane	ND	1.0	"		ND				30	H-1
Trichloroethene	15.0	1.0	"		14			6.90	30	H-1
Trichlorofluoromethane	52.2	1.0	"		61			15.5	30	H-1
1,3,5-Trimethylbenzene	19.4	1.0	"		19			2.08	30	H-1
1,2,4-Trimethylbenzene	20.2	1.0	"		27			28.8	30	H-1
Vinyl acetate	ND	1.0	"		ND				30	H-1
Vinyl chloride	ND	1.0	"		ND				30	H-1
1,4-Dioxane	ND	5.0	"		ND				30	H-1
2-Butanone	26.2	5.0	"		29			10.1	30	H-1
Methyl isobutyl ketone	ND	10	"		ND				30	H-1
Benzene	ND	1.0	"		ND				30	H-1
Toluene	ND	1.0	"		ND				30	H-1
Ethylbenzene	ND	1.0	"		ND				30	H-1
m,p-Xylene	13.6	2.0	"		14			2.90	30	H-1
o-Xylene	13.6	1.0	"		17			22.2	30	H-1

Notes and Definitions

H-1	Reported as Hexane
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T601448

Client: CDM
Address: 18581 Teller Ave. Irvine CA
Phone: Fax:
Project Manager: Sharon Wallin

Date: 10/19/06 Page: 1 Of 1
Project Name: OMEGA
Collector: Edward Song Client Project #:
Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative (Canister ID)	Total # of containers
GAC-INFLUENT-VE3S-101906	10/19/06	15:41	Air	Canister										X				01	0057	1
GAC-OUTLET-VE3S-101906	↓	15:42	Air	Canister										X				02	0069 — HOLD	1
* GAC-EFFLUENT-VE3S-101906	↓	15:38	Air	Canister										X				03	0067	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	10/19/06 [illegible]	[signature]	10.20.06 10:25
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 3
Chain of Custody seals Y/N/NA
Seals intact? Y/N/NA
Received good condition/cold: 20°C

Turn around time:

Notes
* report as hexane

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

SunStar Laboratories, Inc.

27 October 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612
RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 10/24/06 13:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

3002 Dow Avenue, Suite 212, Tustin, CA 92780 Phone (714) 505-4010 Fax (714) 505-4028

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T601465

Client: CDM

Address:

Phone: Fax:

Project Manager: Sharon Wallin

Date: 10/20/06 Page: 1 Of 1

Project Name: OMEGA

Collector: Edward Song Client Project #:

Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative	Total # of containers
GAC-INFLUENT-VE4S-102006	10/20/06	15:06	Air	Canister										X					0191	1
* GAC-EFFLUENT-VE4S-102006	10/20/06	15:06	Air	Canister										X					0024	1

Canister ID

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	10/20/06 16:50	[signature]	10/24/06 1320
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 2
Chain of Custody seals Y/N/NA: No
Seals intact? Y/N/NA: NA
Received good condition/cold: 20°C

Turn around time: STD

Notes
* report as hexane

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-INFLUENT-VE4S-102006	T601465-01	Air	10/20/06 15:06	10/24/06 13:10
GAC-EFFLUENT-VE4S-102006	T601465-02	Air	10/20/06 15:00	10/24/06 13:10

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:05

GAC-INFLUENT-VE4S-102006
T601465-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-01**
Acetone	ND	50	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**41000**	50	"	2784	"	"	10/27/06	"	
Isopropyl alcohol	ND	50	"	2	"	"	10/25/06	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**1700**	50	"	2.09	"	"	10/26/06	"	
Chloromethane	ND	50	"	2	"	"	10/25/06	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	10/26/06	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	10/25/06	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1500**	50	"	2.09	"	"	10/26/06	"	
1,2-Dichloroethane	ND	50	"	2	"	"	10/25/06	"	
1,1-Dichloroethene	**61000**	50	"	2784	"	"	10/26/06	"	
cis-1,2-Dichloroethene	**6100**	50	"	2.09	"	"	"	"	
trans-1,2-Dichloroethene	**1300**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	2	"	"	10/25/06	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	2.09	"	"	"	"	
Hexachlorobutadiene	ND	50	"	2	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**260000**	50	"	2784	"	"	10/27/06	"	
1,2,4-Trichlorobenzene	ND	50	"	2	"	"	10/25/06	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:05

GAC-INFLUENT-VE4S-102006
T601465-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-01**
1,1,1-Trichloroethane	ND	50	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
Trichloroethene	**17000**	50	"	2784	"	"	10/27/06	"	
Trichlorofluoromethane	**22000**	50	"	"	"	"	10/25/06	"	
1,3,5-Trimethylbenzene	ND	50	"	2.09	"	"	"	"	
1,2,4-Trimethylbenzene	**91**	50	"	"	"	"	10/26/06	"	
Vinyl acetate	ND	50	"	2	"	"	10/25/06	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**110**	50	"	2.09	"	"	10/26/06	"	
Toluene	ND	50	"	2	"	"	10/25/06	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	**60**	50	"	2.09	"	"	10/26/06	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:05

GAC-EFFLUENT-VE4S-102006
T601465-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**H-1**
Acetone	**11**	5.0	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**36**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**36**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**3.2**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**170**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:05

GAC-EFFLUENT-VE4S-102006

T601465-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**H-1**
Trichloroethene	**9.4**	1.0	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
Trichlorofluoromethane	**27**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1.8**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**3.3**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**36**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	**1.2**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**2.0**	2.0	"	"	"	"	"	"	
o-Xylene	**2.4**	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:05

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102408 - Canister Analysis										
Blank (6102408-BLK1)				Prepared: 10/24/06 Analyzed: 10/25/06						
Surrogate: 4-Bromofluorobenzene	*5.48*		*ppb(v)*				*0-200*			
C4-C14 GRO	0.00		"							
Ethyl tert-butyl ether	0.00		"							
Tert-amyl methyl ether	0.00		"							
Tert-butyl alcohol	0.00		"							
Di-isopropyl ether	0.00		"							
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:05

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102408 - Canister Analysis										
Blank (6102408-BLK1)				Prepared: 10/24/06 Analyzed: 10/25/06						
1,1,2,2-Tetrachloroethane	ND	1.0	ppb(v)							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Duplicate (6102408-DUP1)		**Source: T601458-01**		Prepared: 10/24/06 Analyzed: 10/25/06						
Surrogate: 4-Bromofluorobenzene	*9.42*		*ppb(v)*				*0-200*			
Di-isopropyl ether	ND	1.0	"		0.0					
Tert-butyl alcohol	ND	1.0	"		0.0					
Tert-amyl methyl ether	8.03	1.0	"		7.9		0-200	1.63	30	
Ethyl tert-butyl ether	ND	1.0	"		0.0					
Benzene	20.6	1.0	"		21			1.92	30	
Toluene	34.3	1.0	"		34			0.878	30	
Ethylbenzene	2.89	1.0	"		2.9			0.345	30	
m,p-Xylene	4.33	2.0	"		4.4			1.60	30	
o-Xylene	2.52	1.0	"		2.5			0.797	30	
Methyl tert-butyl ether	ND	1.0	"		ND				30	
Total VOC C4-C14	1570	500	"		1600			1.89	30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

R-01	The Reporting Limit for this analyte has been raised to account for dilution necessary due to matrix interference.
H-1	Reported as Hexane
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

27 October 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 10/24/06 13:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-EFFLUENT-ND-VE5S-102306	T601464-01	Air	10/23/06 13:48	10/24/06 13:20
GAC-OUTLET-ND-VE5S-102306	T601464-02	Air	10/23/06 13:51	10/24/06 13:20
GAC-INFLUENT-ND-VE5S-102306	T601464-03	Air	10/23/06 13:53	10/24/06 13:20
GAC-EFFLUENT-ND-VE5S-102306	T601464-04	Air	10/23/06 00:00	10/24/06 13:20
GAC-INFLUENT-ND-VE5S-102306	T601464-05	Air	10/23/06 00:00	10/24/06 13:20

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-EFFLUENT-ND-VE5S-102306

T601464-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**43**	5.0	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**98**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**160**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

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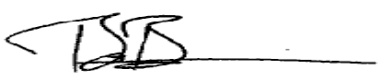

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-EFFLUENT-ND-VE5S-102306

T601464-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	ND	1.0	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
Trichloroethene	**14**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**72**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**69**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-OUTLET-ND-VE5S-102306

T601464-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**26**	5.0	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**3.8**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**5.2**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**39**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-OUTLET-ND-VE5S-102306

T601464-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichloroethene	ND	1.0	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**52**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-INFLUENT-ND-VE5S-102306

T601464-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-01**
Acetone	ND	50	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**45000**	50	"	42.74	"	"	"	"	
Isopropyl alcohol	ND	50	"	2	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**3100**	50	"	2.31	"	"	10/26/06	"	
Chloromethane	ND	50	"	2	"	"	10/25/06	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1600**	50	"	2.31	"	"	10/26/06	"	
1,2-Dichloroethane	ND	50	"	2	"	"	10/25/06	"	
1,1-Dichloroethene	**73000**	50	"	42.74	"	"	10/26/06	"	
cis-1,2-Dichloroethene	**780**	50	"	2.31	"	"	10/27/06	"	
trans-1,2-Dichloroethene	**2100**	50	"	"	"	"	10/26/06	"	
1,2-Dichloropropane	ND	50	"	2	"	"	10/25/06	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	42.72	"	"	10/27/06	"	
Styrene	ND	50	"	2	"	"	10/25/06	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**510000**	50	"	42.72	"	"	10/26/06	"	
1,2,4-Trichlorobenzene	ND	50	"	2	"	"	10/25/06	"	
Tetrahydrofuran	ND	50	"	42.72	"	"	10/27/06	"	
1,1,2-Trichloroethane	ND	50	"	2	"	"	10/25/06	"	
1,1,1-Trichloroethane	**2100**	50	"	2.31	"	"	10/27/06	"	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-INFLUENT-ND-VE5S-102306

T601464-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-01**
Trichloroethene	**28000**	50	ppb(v)	42.74	6102408	10/24/06	10/27/06	TO-15	
Trichlorofluoromethane	ND	50	"	2	"	"	10/25/06	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	10/27/06	"	
Benzene	**250**	50	"	2.31	"	"	10/26/06	"	
Toluene	**63**	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	2	"	"	10/25/06	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-EFFLUENT-ND-VE5S-102306

T601464-04 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**26**	5.0	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**4.5**	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**100**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**3.3**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**810**	1.0	"	"	"	"	10/26/06	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	10/25/06	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-EFFLUENT-ND-VE5S-102306

T601464-04 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichloroethene	**36**	1.0	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1.6**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**4.9**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**43**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	**1.8**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**5.5**	2.0	"	"	"	"	"	"	
o-Xylene	**4.4**	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-INFLUENT-ND-VE5S-102306

T601464-05 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-01**
Acetone	ND	50	ppb(v)	2	6102408	10/24/06	10/25/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**29000**	50	"	36	"	"	"	"	
Isopropyl alcohol	ND	50	"	2	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2500**	50	"	2.09	"	"	10/26/06	"	
Chloromethane	ND	50	"	2	"	"	10/25/06	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1200**	50	"	2.09	"	"	10/26/06	"	
1,2-Dichloroethane	ND	50	"	2	"	"	10/25/06	"	
1,1-Dichloroethene	**52000**	50	"	36	"	"	10/26/06	"	
cis-1,2-Dichloroethene	**600**	50	"	2.09	"	"	10/27/06	"	
trans-1,2-Dichloroethene	**1600**	50	"	"	"	"	10/26/06	"	
1,2-Dichloropropane	ND	50	"	2	"	"	10/25/06	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**350000**	50	"	36	"	"	10/26/06	"	
1,2,4-Trichlorobenzene	ND	50	"	2	"	"	10/25/06	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1700**	50	"	2.09	"	"	10/27/06	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

GAC-INFLUENT-ND-VE5S-102306

T601464-05 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-01**
Trichloroethene	**18000**	50	ppb(v)	36	6102408	10/24/06	10/26/06	TO-15	
Trichlorofluoromethane	**16000**	50	"	2.09	"	"	10/25/06	"	
1,3,5-Trimethylbenzene	ND	50	"	2	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**210**	50	"	2.09	"	"	10/26/06	"	
Toluene	ND	50	"	2	"	"	10/25/06	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102408 - Canister Analysis										
Blank (6102408-BLK1)				Prepared: 10/24/06 Analyzed: 10/25/06						
Surrogate: 4-Bromofluorobenzene	*5.48*		*ppb(v)*				*0-200*			
C4-C14 GRO	0.00		"							
Ethyl tert-butyl ether	0.00		"							
Tert-amyl methyl ether	0.00		"							
Tert-butyl alcohol	0.00		"							
Di-isopropyl ether	0.00		"							
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 16:58

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102408 - Canister Analysis										
Blank (6102408-BLK1)				Prepared: 10/24/06 Analyzed: 10/25/06						
1,1,2,2-Tetrachloroethane	ND	1.0	ppb(v)							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Duplicate (6102408-DUP1)		**Source: T601458-01**		Prepared: 10/24/06 Analyzed: 10/25/06						
Surrogate: 4-Bromofluorobenzene	*9.42*		*ppb(v)*				*0-200*			
Di-isopropyl ether	ND	1.0	"		0.0					
Tert-butyl alcohol	ND	1.0	"		0.0					
Tert-amyl methyl ether	8.03	1.0	"		7.9		0-200	1.63	30	
Ethyl tert-butyl ether	ND	1.0	"		0.0					
Benzene	20.6	1.0	"		21			1.92	30	
Toluene	34.3	1.0	"		34			0.878	30	
Ethylbenzene	2.89	1.0	"		2.9			0.345	30	
m,p-Xylene	4.33	2.0	"		4.4			1.60	30	
o-Xylene	2.52	1.0	"		2.5			0.797	30	
Methyl tert-butyl ether	ND	1.0	"		ND				30	
Total VOC C4-C14	1570	500	"		1600			1.89	30	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

R-01	The Reporting Limit for this analyte has been raised to account for dilution necessary due to matrix interference.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T6014464

Client: CDM

Address:

Phone: Fax:

Project Manager: Sharon Wallin

Date: 10/23/06 Page: 1 Of 1

Project Name: OMEGA

Collector: Edward Song Client Project #:

Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative	Total # of containers
GAC-EFFLUENT-ND-VES5-102306	10/23/06	13:48	Air	Canister										X				01	0046	1
GAC-OUTLET-ND-VES5-102306		13:51												X				02	0104	1
GAC-INFLUENT-ND-VES5-102306		13:53												X				03	0054	1
GAC-EFFLUENT-VES5-102306														X				04	0031	1
GAC-INFLUENT-VES5-102306														X				05	0100	1

Canister ID

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	10/23/06 17:45		10/24/06 1320
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 5

Chain of Custody seals Y/N/NA: No

Seals intact? Y/N/NA: NA

Received good condition/cold: 20°C

Turn around time: STD

Notes

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

27 October 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 10/25/06 10:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-EFFLUENT-VE1M-102406	T601471-01	Air	10/24/06 15:03	10/25/06 10:30
GAC-INFLUENT-VE1M-102406	T601471-02	Air	10/24/06 15:06	10/25/06 10:30

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:07

GAC-EFFLUENT-VE1M-102406
T601471-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**15**	5.0	ppb(v)	2	6102408	10/25/06	10/25/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**48**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**74**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**340**	1.0	"	2.19	"	"	10/26/06	"	
1,2,4-Trichlorobenzene	ND	1.0	"	2	"	"	10/25/06	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:07

GAC-EFFLUENT-VE1M-102406
T601471-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	ND	1.0	ppb(v)	2	6102408	10/25/06	10/25/06	TO-15	
Trichloroethene	**22**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**48**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**22**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:07

GAC-INFLUENT-VE1M-102406
T601471-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	50	ppb(v)	2	6102408	10/25/06	10/25/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**11000**	50	"	"	"	"	10/27/06	"	
Isopropyl alcohol	ND	50	"	"	"	"	10/25/06	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**1900**	50	"	"	"	"	10/26/06	"	
Chloromethane	ND	50	"	"	"	"	10/25/06	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1400**	50	"	"	"	"	10/26/06	"	
1,2-Dichloroethane	ND	50	"	"	"	"	10/25/06	"	
1,1-Dichloroethene	**32000**	50	"	2792	"	"	10/26/06	"	
cis-1,2-Dichloroethene	**1000**	50	"	2	"	"	"	"	
trans-1,2-Dichloroethene	ND	50	"	"	"	"	10/25/06	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**230000**	50	"	2792	"	"	10/27/06	"	
1,2,4-Trichlorobenzene	ND	50	"	2	"	"	10/25/06	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1700**	50	"	"	"	"	10/26/06	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:07

GAC-INFLUENT-VE1M-102406

T601471-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichloroethene	**4300**	50	ppb(v)	2	6102408	10/25/06	10/27/06	TO-15	
Trichlorofluoromethane	**4400**	50	"	"	"	"	10/25/06	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:07

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102408 - Canister Analysis										
Blank (6102408-BLK1)				Prepared: 10/24/06 Analyzed: 10/25/06						
Surrogate: 4-Bromofluorobenzene	*5.48*		*ppb(v)*				*0-200*			
C4-C14 GRO	0.00		"							
Ethyl tert-butyl ether	0.00		"							
Tert-amyl methyl ether	0.00		"							
Tert-butyl alcohol	0.00		"							
Di-isopropyl ether	0.00		"							
Acetone	ND	5.0	"							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	10/27/06 17:07

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102408 - Canister Analysis										
Blank (6102408-BLK1)				Prepared: 10/24/06 Analyzed: 10/25/06						
1,1,2,2-Tetrachloroethane	ND	1.0	ppb(v)							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Duplicate (6102408-DUP1)		**Source: T601458-01**		Prepared: 10/24/06 Analyzed: 10/25/06						
Surrogate: 4-Bromofluorobenzene	*9.42*		*ppb(v)*				*0-200*			
Di-isopropyl ether	ND	1.0	"		0.0					
Tert-butyl alcohol	ND	1.0	"		0.0					
Tert-amyl methyl ether	8.03	1.0	"		7.9		0-200	1.63	30	
Ethyl tert-butyl ether	ND	1.0	"		0.0					
Benzene	20.6	1.0	"		21			1.92	30	
Toluene	34.3	1.0	"		34			0.878	30	
Ethylbenzene	2.89	1.0	"		2.9			0.345	30	
m,p-Xylene	4.33	2.0	"		4.4			1.60	30	
o-Xylene	2.52	1.0	"		2.5			0.797	30	
Methyl tert-butyl ether	ND	1.0	"		ND				30	
Total VOC C4-C14	1570	500	"		1600			1.89	30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

T6014471

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

Client: EDM

Address:

Phone: Fax:

Project Manager: Sharon Wallin

Date: 10/24/06 Page: 1 Of 1

Project Name: OMEGA

Collector: Edward Son Client Project #:

Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Canister ID / Comments/Preservative	Total # of containers
GAC-EFFLUENT-VEIM-102406	10/24/06	15:03	Air	Canister										X				01	0136	1
GAC-INFLUENT-VEIM-102406	↓	15:06	"	"										X				02	0040	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	10/24/06 16:51	[signature]	10/25/06 1030
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 2

Chain of Custody seals Y/N/NA

Seals intact? Y/N/NA

Received good condition/cold 20°C

Turn around time:

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

07 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 10/26/06 12:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/07/06 17:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-EFFLUENT-VE2M-102506	T601476-01	Air	10/25/06 13:00	10/26/06 12:00
GAC-INFLUENT-VE2M-102506	T601476-02	Air	10/25/06 13:05	10/26/06 12:00

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/07/06 17:29

GAC-EFFLUENT-VE2M-102506
T601476-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**23**	5.0	ppb(v)	3.28	6102608	10/26/06	11/06/06	TO-15	
1,3-Butadiene	ND	2.0	"	1.64	"	"	11/03/06	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**22**	1.0	"	3.28	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	1.64	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	**38**	1.0	"	3.28	"	"	11/06/06	"	
Dibromochloromethane	ND	1.0	"	1.64	"	"	11/03/06	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	**150**	1.0	"	3.28	"	"	11/06/06	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	1.64	"	"	11/03/06	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**59**	1.0	"	3.28	"	"	11/06/06	"	
cis-1,2-Dichloroethene	ND	1.0	"	1.64	"	"	11/03/06	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**69**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**180**	1.0	"	3.28	"	"	11/06/06	"	
1,2,4-Trichlorobenzene	ND	1.0	"	1.64	"	"	11/03/06	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/07/06 17:29

GAC-EFFLUENT-VE2M-102506
T601476-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	ND	1.0	ppb(v)	1.64	6102608	10/26/06	11/03/06	TO-15	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**22**	1.0	"	3.28	"	"	11/06/06	"	
1,3,5-Trimethylbenzene	**35**	1.0	"	"	"	"	11/03/06	"	
1,2,4-Trimethylbenzene	**68**	1.0	"	"	"	"	11/06/06	"	
Vinyl acetate	ND	1.0	"	1.64	"	"	11/03/06	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**500**	1.0	"	"	"	"	"	"	
Toluene	**1200**	1.0	"	"	"	"	"	"	
Ethylbenzene	**220**	1.0	"	3.28	"	"	"	"	
m,p-Xylene	**1100**	2.0	"	1.64	"	"	"	"	
o-Xylene	**150**	1.0	"	3.28	"	"	11/06/06	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/07/06 17:29

GAC-INFLUENT-VE2M-102506
T601476-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.65	6102608	10/26/06	11/03/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**25000**	50	"	32.67	"	"	"	"	
Isopropyl alcohol	ND	50	"	1.65	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**1300**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1200**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**54000**	50	"	32.67	"	"	"	"	
cis-1,2-Dichloroethene	**44000**	50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**920**	50	"	1.65	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**210000**	50	"	32.67	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	1.65	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**620**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/07/06 17:29

GAC-INFLUENT-VE2M-102506
T601476-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**7900**	50	ppb(v)	1.65	6102608	10/26/06	11/03/06	TO-15	
Trichlorofluoromethane	**13000**	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/07/06 17:29

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102608 - Canister Analysis										
Blank (6102608-BLK1)				Prepared: 10/26/06 Analyzed: 11/06/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/07/06 17:29

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102608 - Canister Analysis										
Blank (6102608-BLK1)				Prepared: 10/26/06 Analyzed: 11/06/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6102608-DUP1)		**Source: T601476-01**		Prepared: 10/26/06 Analyzed: 11/06/06						
Acetone	23.1	5.0	ppb(v)		23			0.434	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	21.1	1.0	"		22			4.18	30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	37.6	1.0	"		38			1.06	30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	148	1.0	"		150			1.34	30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/07/06 17:29

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102608 - Canister Analysis										
Duplicate (6102608-DUP1)	**Source: T601476-01**			Prepared: 10/26/06 Analyzed: 11/06/06						
1,1-Dichloroethene	54.8	1.0	ppb(v)		59			7.38	30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	63.7	1.0	"		69			7.99	30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	184	1.0	"		180			2.20	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	21.1	1.0	"		22			4.18	30	
1,3,5-Trimethylbenzene	35.1	1.0	"		35			0.285	30	
1,2,4-Trimethylbenzene	68.2	1.0	"		68			0.294	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	ND	5.0	"		ND				30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	512	1.0	"		500			2.37	30	
Toluene	1150	1.0	"		1200			4.26	30	
Ethylbenzene	220	1.0	"		220			0.00	30	
m,p-Xylene	532	2.0	"		1100			69.6	30	
o-Xylene	151	1.0	"		150			0.664	30	

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T6014746

Client: CDM

Address:

Phone: Fax:

Project Manager: Sharon Wallin

Date: 10/25/06 Page: 1 Of 1

Project Name: OMEGA

Collector: Edward Sang Client Project #:

Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative	Total # of containers
GAC-EFFLUENT-VEJM-102506	10/25/06	13:00	Air	Canister										X					0132	1
GAC-INFLUENT-VEJM-102506	↓	13:05	"	"										X					0058	1

Canister IA

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	10/25/06 14:15	[signature]	10/26/06 1200
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	2
Chain of Custody seals Y/N/NA	No
Seals intact? Y/N/NA	NA
Received good condition/cold	20°C

Turn around time: STD

Notes

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

06 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 10/27/06 11:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/06/06 16:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-EFFLUENT-VE3M-102606	T601483-01	Air	10/26/06 14:07	10/27/06 11:30
GAC-INFLUENT-VE3M-102606	T601483-02	Air	10/26/06 14:09	10/27/06 11:30

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/06/06 16:34

GAC-EFFLUENT-VE3M-102606
T601483-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**13**	5.0	ppb(v)	1.7	6102711	10/27/06	11/01/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**27**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	**4.5**	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	**1.8**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**52**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.7**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.5**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**28**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**170**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**2.5**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/06/06 16:34

GAC-EFFLUENT-VE3M-102606

T601483-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	**1.2**	1.0	ppb(v)	1.7	6102711	10/27/06	11/01/06	TO-15	
Trichloroethene	**8.4**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**14**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**89**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**140**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**19**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**1.1**	1.0	"	"	"	"	"	"	
Toluene	**6.3**	1.0	"	"	"	"	"	"	
Ethylbenzene	**3.2**	1.0	"	"	"	"	"	"	
m,p-Xylene	**100**	2.0	"	"	"	"	"	"	
o-Xylene	**68**	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/06/06 16:34

GAC-INFLUENT-VE3M-102606

T601483-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.66	6102711	10/27/06	11/01/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**39000**	50	"	32.27	"	"	"	"	
Isopropyl alcohol	ND	50	"	1.66	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**770**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1200**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**160000**	50	"	32.27	"	"	"	"	
cis-1,2-Dichloroethene	**660**	50	"	1.66	"	"	"	"	
trans-1,2-Dichloroethene	**2900**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**450000**	50	"	112.62	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	1.66	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**340**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/06/06 16:34

GAC-INFLUENT-VE3M-102606

T601483-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**28000**	50	ppb(v)	32.27	6102711	10/27/06	11/01/06	TO-15	
Trichlorofluoromethane	**29000**	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	1.66	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	**81**	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/06/06 16:34

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102711 - General Prep VOC-MS										
Blank (6102711-BLK1)				Prepared: 10/27/06 Analyzed: 11/01/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/06/06 16:34

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102711 - General Prep VOC-MS										
Blank (6102711-BLK1)				Prepared: 10/27/06 Analyzed: 11/01/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6102711-DUP1)		**Source: T601483-01**		Prepared: 10/27/06 Analyzed: 11/01/06						
Acetone	14.9	5.0	ppb(v)		13			13.6	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	26.3	1.0	"		27			2.63	30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	4.79	1.0	"		4.5			6.24	30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	2.21	1.0	"		1.8			20.4	30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/06/06 16:34

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6102711 - General Prep VOC-MS										
Duplicate (6102711-DUP1)	**Source: T601483-01**			Prepared: 10/27/06 Analyzed: 11/01/06						
1,1-Dichloroethene	49.2	1.0	ppb(v)		52			5.53	30	
cis-1,2-Dichloroethene	3.03	1.0	"		2.7			11.5	30	
trans-1,2-Dichloroethene	1.77	1.0	"		1.5			16.5	30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	28.3	1.0	"		28			1.07	30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	177	1.0	"		170			4.03	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	3.23	1.0	"		2.5			25.5	30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	1.17	1.0	"		1.2			2.53	30	
Trichloroethene	8.81	1.0	"		8.4			4.76	30	
Trichlorofluoromethane	14.7	1.0	"		14			4.88	30	
1,3,5-Trimethylbenzene	89.7	1.0	"		89			0.783	30	
1,2,4-Trimethylbenzene	147	1.0	"		140			4.88	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	17.9	5.0	"		19			5.96	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	1.14	1.0	"		1.1			3.57	30	
Toluene	6.66	1.0	"		6.3			5.56	30	
Ethylbenzene	3.81	1.0	"		3.2			17.4	30	
m,p-Xylene	95.5	2.0	"		100			4.60	30	
o-Xylene	64.9	1.0	"		68			4.67	30	

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T601483

Client: CDM

Address:

Phone: Fax:

Project Manager: Sharon Wallin

Date: 10/26/06 Page: 1 Of 1

Project Name: OMEGA

Collector: Edward Song Client Project #:

Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	X X T C 15				Laboratory ID #	Canister ID Comments/Preservative	Total # of containers
GAC-EFFLUENT-VE3M-102606	10/26/06	14:07	Air	Canister										X				01	0001	1
GAC-INFLUENT-VE3M-102606	10/26/06	14:09	"	"										X				02	0009	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	10/26/06 15:30		10-27-06 1130
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 2
Chain of Custody seals Y/N/NA: No
Seals intact? Y/N/NA: NA
Received good condition/cold: 20°C

Turn around time:

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

28 December 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 10/31/06 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas For Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-EFFLUENT-VE4M-102706	T601499-01	Air	10/27/06 14:43	10/31/06 16:30
GAC-INFLUENT-VE4M-102706	T601499-02	Air	10/27/06 14:45	10/31/06 16:30
GAC-EFFLUENT-VE5M-103006	T601499-03	Air	10/27/06 14:08	10/31/06 16:30
GAC-INFLUENT-VE5M-103006	T601499-04	Air	10/27/06 14:10	10/31/06 16:30

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

GAC-EFFLUENT-VE4M-102706

T601499-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**15**	5.0	ppb(v)	3.32	6110105	11/01/06	11/02/06	TO-15	
1,3-Butadiene	ND	2.0	"	1.66	"	"	11/02/06	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**26**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	3.32	"	"	11/02/06	"	
Heptane	ND	1.0	"	1.66	"	"	11/02/06	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	**2.1**	1.0	"	3.32	"	"	11/02/06	"	
1,2-Dichloroethane	ND	1.0	"	1.66	"	"	11/02/06	"	
1,1-Dichloroethene	**110**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.6**	1.0	"	3.32	"	"	11/02/06	"	
trans-1,2-Dichloroethene	**3.3**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	1.66	"	"	11/02/06	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**240**	1.0	"	3.32	"	"	11/02/06	"	
1,2,4-Trichlorobenzene	ND	1.0	"	1.66	"	"	11/02/06	"	
Tetrahydrofuran	**2.8**	1.0	"	3.32	"	"	11/02/06	"	
1,1,2-Trichloroethane	ND	1.0	"	1.66	"	"	11/02/06	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

GAC-EFFLUENT-VE4M-102706

T601499-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	ND	1.0	ppb(v)	1.66	6110105	11/01/06	11/02/06	TO-15	
Trichloroethene	**18**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**24**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**21**	5.0	"	3.32	"	"	11/02/06	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	1.66	"	"	11/02/06	"	
Toluene	**2.2**	1.0	"	3.32	"	"	11/02/06	"	
Ethylbenzene	ND	1.0	"	1.66	"	"	11/02/06	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

GAC-INFLUENT-VE4M-102706

T601499-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.53	6110105	11/01/06	11/02/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**25000**	50	"	14.92	"	"	"	"	
Isopropyl alcohol	ND	50	"	1.53	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2600**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1600**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**75000**	50	"	14.92	"	"	"	"	
cis-1,2-Dichloroethene	**3000**	50	"	1.53	"	"	"	"	
trans-1,2-Dichloroethene	**1500**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**510000**	50	"	142.04	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	1.53	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1700**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

GAC-INFLUENT-VE4M-102706

T601499-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**22000**	50	ppb(v)	14.92	6110105	11/01/06	11/02/06	TO-15	
Trichlorofluoromethane	**11000**	50	"	1.53	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**130**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

GAC-EFFLUENT-VE5M-103006

T601499-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**12**	5.0	ppb(v)	1.62	6110105	11/01/06	11/02/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	11/02/06	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**25**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**3.6**	1.0	"	"	"	"	11/02/06	"	
Chloromethane	ND	5.0	"	"	"	"	11/02/06	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	11/02/06	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	11/02/06	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	**2.9**	1.0	"	"	"	"	11/02/06	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	11/02/06	"	
1,1-Dichloroethene	**91**	1.0	"	"	"	"	11/02/06	"	
cis-1,2-Dichloroethene	**4.1**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.9**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	11/02/06	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**3.0**	1.0	"	"	"	"	11/02/06	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	11/02/06	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	**1.0**	1.0	"	"	"	"	11/02/06	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	11/02/06	"	
Tetrachloroethene	**320**	1.0	"	"	"	"	11/02/06	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	11/02/06	"	
Tetrahydrofuran	**1.8**	1.0	"	"	"	"	11/02/06	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	11/02/06	"	
1,1,1-Trichloroethane	**2.9**	1.0	"	"	"	"	11/02/06	"	

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

GAC-EFFLUENT-VE5M-103006

T601499-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichloroethene	**20**	1.0	ppb(v)	1.62	6110105	11/01/06	11/02/06	TO-15	
Trichlorofluoromethane	**20**	1.0	"	"	"	"	11/02/06	"	
1,3,5-Trimethylbenzene	**7.0**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**14**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	11/02/06	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**18**	5.0	"	"	"	"	11/02/06	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**1.2**	1.0	"	"	"	"	"	"	
Toluene	**4.7**	1.0	"	"	"	"	"	"	
Ethylbenzene	**2.0**	1.0	"	"	"	"	"	"	
m,p-Xylene	**14**	2.0	"	"	"	"	"	"	
o-Xylene	**8.2**	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

GAC-INFLUENT-VE5M-103006

T601499-04 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.46	6110105	11/01/06	11/02/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**12000**	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**3100**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1200**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**50000**	50	"	16.29	"	"	"	"	
cis-1,2-Dichloroethene	**330**	50	"	1.46	"	"	"	"	
trans-1,2-Dichloroethene	**1300**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**590000**	50	"	173.49	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	1.46	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**3300**	50	"	"	"	"	"	"	

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

GAC-INFLUENT-VE5M-103006

T601499-04 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**21000**	50	ppb(v)	16.29	6110105	11/01/06	11/02/06	TO-15	
Trichlorofluoromethane	**7800**	50	"	1.46	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**230**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110105 - General Prep VOC-MS										
Blank (6110105-BLK1)				Prepared: 11/01/06 Analyzed: 11/02/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110105 - General Prep VOC-MS										
Blank (6110105-BLK1)				Prepared: 11/01/06 Analyzed: 11/02/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6110105-DUP1)		**Source: T601499-01**		Prepared: 11/01/06 Analyzed: 11/02/06						
Acetone	17.8	5.0	ppb(v)		15			17.1	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	34.8	1.0	"		26			28.9	30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		1.6				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	2.03	1.0	"		2.1			3.39	30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/28/06 14:41

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110105 - General Prep VOC-MS										
Duplicate (6110105-DUP1)	**Source: T601499-01**			Prepared: 11/01/06 Analyzed: 11/02/06						
1,1-Dichloroethene	117	1.0	ppb(v)		110			6.17	30	
cis-1,2-Dichloroethene	1.73	1.0	"		1.6			7.81	30	
trans-1,2-Dichloroethene	3.22	1.0	"		3.3			2.45	30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	ND	1.0	"		ND				30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	219	1.0	"		240			9.15	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	2.86	1.0	"		2.8			2.12	30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	20.4	1.0	"		18			12.5	30	
Trichlorofluoromethane	24.8	1.0	"		24			3.28	30	
1,3,5-Trimethylbenzene	ND	1.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	1.0	"		ND				30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	22.1	5.0	"		21			5.10	30	
Methyl isobutyl ketone	ND	10	"		1.9				30	
Benzene	ND	1.0	"		ND				30	
Toluene	2.16	1.0	"		2.2			1.83	30	
Ethylbenzene	ND	1.0	"		ND				30	
m,p-Xylene	ND	2.0	"		ND				30	
o-Xylene	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T601499

Client: CDM
Address:
Phone: Fax:
Project Manager: Sharon Wallin

Date: 10/27/06 Page: 1 Of 1
Project Name: OMEGA
Collector: Edward Sorg
Client Project #:
Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Canister ID / Comments/Preservative	Total # of containers
GAC-EFFLUENT-VE4M-102706	10/27/06	14:13	Air	Canister										X				01	0155	1
GAC-INFLUENT-VE4M-102706	"	14:45	"	"										X				02	0150	1
GAC-EFFLUENT-VE5M-103006	10/30/06	14:08	"	"										X				03	0162	1
GAC-INFLUENT-VE5M-103006	"	14:10	"	"										X				04	0147	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	10/27/06 16:10	[signature]	10-30-06 1630
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 4
Chain of Custody seals Y/N/NA:
Seals intact? Y/N/NA:
Received good condition/cold:

Turn around time:

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

SunStar Laboratories, Inc.

15 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612
RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 11/03/06 10:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T601515

Client: CDM
Address:
Phone: Fax:
Project Manager: Sharon Wallin

Date: 11/1/06 Page: 1 Of 1
Project Name: OMEGA
Collector: Edward Song Client Project #:
Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative	Total # of containers
GAC-OUTPUT-VE55-110106	11/1/06	14:09	Air	Canister										X				1	0083	01
GAC-INFLUENT-VE55-110106	↓	14:12	"	"										X				1	0005	02

Canister ID

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	11/1/06 17:45	[signature]	11.3.06 1080
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 2
Chain of Custody seals Y/N/NA: No
Seals intact? Y/N/NA: NA
Received good condition/cold: 20°c

Turn around time: STD

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 11:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-OUTPUT-VE5S-110106	T601515-01	Air	11/01/06 14:09	11/03/06 10:20
GAC-INFLUENT-VE5S-110106	T601515-02	Air	11/01/06 14:12	11/03/06 10:20

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 11:07

GAC-OUTPUT-VE5S-110106
T601515-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**16**	5.0	ppb(v)	3.2	6110311	11/03/06	11/07/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	11/07/06	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**27**	1.0	"	"	"	"	11/07/06	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	11/07/06	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**19**	1.0	"	"	"	"	11/07/06	"	
1,1-Dichloroethane	**1.9**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	11/07/06	"	
1,1-Dichloroethene	**58**	1.0	"	"	"	"	11/07/06	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	11/07/06	"	
trans-1,2-Dichloroethene	**2.0**	1.0	"	"	"	"	11/07/06	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	11/07/06	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**370**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**3.0**	1.0	"	"	"	"	11/07/06	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	11/07/06	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 11:07

GAC-OUTPUT-VE5S-110106

T601515-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	**4.8**	1.0	ppb(v)	3.2	6110311	11/03/06	11/07/06	TO-15	
Trichloroethene	**22**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**14**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	11/07/06	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**13**	1.0	"	"	"	"	11/07/06	"	
1,4-Dioxane	ND	5.0	"	"	"	"	11/07/06	"	
2-Butanone	**18**	5.0	"	"	"	"	11/07/06	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	11/07/06	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 11:07

GAC-INFLUENT-VE5S-110106
T601515-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.56	6110311	11/03/06	11/07/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**25000**	50	"	25.89	"	"	"	"	
Isopropyl alcohol	ND	50	"	1.56	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2500**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1200**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**68000**	50	"	25.89	"	"	"	"	
cis-1,2-Dichloroethene	**540**	50	"	1.56	"	"	11/07/06	"	
trans-1,2-Dichloroethene	**2100**	50	"	"	"	"	11/07/06	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**470000**	50	"	105.58	"	"	11/07/06	"	
1,2,4-Trichlorobenzene	ND	50	"	1.56	"	"	11/07/06	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**2300**	50	"	"	"	"	11/07/06	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 11:07

GAC-INFLUENT-VE5S-110106
T601515-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**22000**	50	ppb(v)	25.89	6110311	11/03/06	11/07/06	TO-15	
Trichlorofluoromethane	**15000**	50	"	"	"	"	11/07/06	"	
1,3,5-Trimethylbenzene	ND	50	"	1.56	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**220**	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 11:07

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110311 - General Prep VOC-MS										
Blank (6110311-BLK1)				Prepared: 11/03/06 Analyzed: 11/07/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 11:07

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110311 - General Prep VOC-MS										
Blank (6110311-BLK1)				Prepared: 11/03/06 Analyzed: 11/07/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6110311-DUP1)	**Source: T601515-01**			Prepared: 11/03/06 Analyzed: 11/07/06						
Acetone	17.2	5.0	ppb(v)		16			7.23	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	25.8	1.0	"		27			4.55	30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	21.2	1.0	"		19			10.9	30	
1,1-Dichloroethane	1.79	1.0	"		1.9			5.96	30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 11:07

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110311 - General Prep VOC-MS										
Duplicate (6110311-DUP1)	**Source: T601515-01**		Prepared: 11/03/06 Analyzed: 11/07/06							
1,1-Dichloroethene	55.1	1.0	ppb(v)		58			5.13	30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	1.92	1.0	"		2.0			4.08	30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	ND	1.0	"		ND				30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	339	1.0	"		370			8.74	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	2.82	1.0	"		3.0			6.19	30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	4.48	1.0	"		4.8			6.90	30	
Trichloroethene	20.4	1.0	"		22			7.55	30	
Trichlorofluoromethane	13.4	1.0	"		14			4.38	30	
1,3,5-Trimethylbenzene	ND	1.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	1.0	"		ND				30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	13.0	1.0	"		13			0.00	30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	15.3	5.0	"		18			16.2	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	1.0	"		ND				30	
Toluene	ND	1.0	"		ND				30	
Ethylbenzene	ND	1.0	"		ND				30	
m,p-Xylene	ND	2.0	"		ND				30	
o-Xylene	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

15 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 11/03/06 10:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-EFFLUENT-VEISVEIM-110206	T601514-01	Air	11/02/06 14:34	11/03/06 10:20
GAC-OUTLET-VEISVEIM-110206	T601514-02	Air	11/02/06 14:35	11/03/06 10:20
GAC-INFLUENT-VEISVEIM-110206	T601514-03	Air	11/02/06 14:37	11/03/06 10:20

SunStar Laboratories, Inc.

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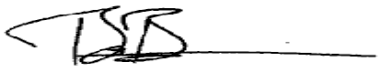

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

GAC-EFFLUENT-VEISVEIM-110206
T601514-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**33**	5.0	ppb(v)	3.26	6110701	11/08/06	11/10/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**12**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**4.7**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**76**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

GAC-EFFLUENT-VEISVEIM-110206

T601514-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	ND	1.0	ppb(v)	3.26	6110701	11/08/06	11/10/06	TO-15	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**8.5**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**2.9**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**6.4**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**41**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**12**	2.0	"	"	"	"	"	"	
o-Xylene	**6.1**	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

GAC-OUTLET-VEISVEIM-110206
T601514-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	**23**	5.0	ppb(v)	1.49	6110701	11/08/06	11/10/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	ND	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**34**	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**7.0**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**5.5**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**29**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

GAC-OUTLET-VEISVEIM-110206
T601514-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichloroethene	ND	1.0	ppb(v)	1.49	6110701	11/08/06	11/10/06	TO-15	
Trichlorofluoromethane	**5.0**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**4.2**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**6.8**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**12**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**31**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	**2.2**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**7.1**	2.0	"	"	"	"	"	"	
o-Xylene	**5.0**	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

GAC-INFLUENT-VEISVEIM-110206

T601514-03 (Air)

SunStar Laboratories, Inc.

TO-15 **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	50	ppb(v)	1.44	6110701	11/08/06	11/09/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**6200**	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**1300**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**850**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**36000**	50	"	22.48	"	"	"	"	
cis-1,2-Dichloroethene	**530**	50	"	1.44	"	"	"	"	
trans-1,2-Dichloroethene	ND	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**260000**	50	"	88.8	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	1.44	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1300**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

GAC-INFLUENT-VEISVEIM-110206
T601514-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**3100**	50	ppb(v)	1.44	6110701	11/08/06	11/09/06	TO-15	
Trichlorofluoromethane	**2300**	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Blank (6110701-BLK1)				Prepared: 11/07/06 Analyzed: 11/10/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Blank (6110701-BLK1)				Prepared: 11/07/06 Analyzed: 11/10/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6110701-DUP1)		**Source: T601523-01**		Prepared: 11/07/06 Analyzed: 11/10/06						
Acetone	37.0	5.0	ppb(v)		40			7.79	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	11.4	1.0	"		12			5.13	30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	21.3	1.0	"		23			7.67	30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	30.9	1.0	"		31			0.323	30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:07

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Duplicate (6110701-DUP1)	**Source: T601523-01**		Prepared: 11/07/06 Analyzed: 11/10/06							
1,1-Dichloroethene	43.9	1.0	ppb(v)		49			11.0	30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	23.2	1.0	"		24			3.39	30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	189	1.0	"		190			0.528	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	11.4	1.0	"		12			5.13	30	
1,3,5-Trimethylbenzene	13.3	1.0	"		13			2.28	30	
1,2,4-Trimethylbenzene	19.4	1.0	"		20			3.05	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	41.2	5.0	"		44			6.57	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	12.5	1.0	"		14			11.3	30	
Toluene	57.3	1.0	"		58			1.21	30	
Ethylbenzene	11.3	1.0	"		11			2.69	30	
m,p-Xylene	91.7	2.0	"		93			1.41	30	
o-Xylene	40.6	1.0	"		41			0.980	30	

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T601514

Client: CDM
Address:
Phone: Fax:
Project Manager: Sharon Wallin

Date: 11/2/06 Page: 1 Of 1
Project Name: OMEGA
Collector: Edward Sorg Client Project #:
Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative	Total # of containers
GAC-EFFLUENT-VEISVEIM-110206	11/02/06	~~[illegible]~~ 14:34	Air	Canister										X				01	Canister ID 0041	1
GAC-OUTLET-VEISVEIM-110206	↓	14:35	"	"										X				02		1
GAC-INFLUENT-VEISVEIM-110206	↓	14:37	"	"										X				03		1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	11/2/06 15:46	[signature]	11-3-06 1020
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 3
Chain of Custody seals Y/N/NA: No
Seals intact? Y/N/NA: NA
Received good condition/cold: 20°C

Turn around time: STD

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

15 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 11/06/06 09:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-EFFLUENT-VE2SVE2M-110306	T601523-01	Air	11/03/06 14:33	11/06/06 09:55
GAC-OUTLET-VE2SVE2M-110306	T601523-02	Air	11/03/06 14:34	11/06/06 09:55
GAC-INFLUENT-VE2SVE2M-110306	T601523-03	Air	11/03/06 14:36	11/06/06 09:55

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

GAC-EFFLUENT-VE2SVE2M-110306
T601523-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**40**	5.0	ppb(v)	3.24	6110701	11/08/06	11/10/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**12**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	**23**	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	**31**	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**49**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**24**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**190**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

GAC-EFFLUENT-VE2SVE2M-110306

T601523-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	ND	1.0	ppb(v)	3.24	6110701	11/08/06	11/10/06	TO-15	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**12**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**13**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**20**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**44**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	**14**	1.0	"	"	"	"	"	"	
Toluene	**58**	1.0	"	"	"	"	"	"	
Ethylbenzene	**11**	1.0	"	"	"	"	"	"	
m,p-Xylene	**93**	2.0	"	"	"	"	"	"	
o-Xylene	**41**	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

GAC-OUTLET-VE2SVE2M-110306

T601523-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**22**	5.0	ppb(v)	1.55	6110701	11/08/06	11/10/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**1.8**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**36**	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**19**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**2.1**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**38**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

GAC-OUTLET-VE2SVE2M-110306

T601523-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichloroethene	ND	1.0	ppb(v)	1.55	6110701	11/08/06	11/10/06	TO-15	
Trichlorofluoromethane	**28**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1.5**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**3.1**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**12**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**32**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	**2.5**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**5.8**	2.0	"	"	"	"	"	"	
o-Xylene	**2.4**	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

GAC-INFLUENT-VE2SVE2M-110306

T601523-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.43	6110701	11/08/06	11/09/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**19000**	50	"	21.05	"	"	"	"	
Isopropyl alcohol	ND	50	"	1.43	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**1200**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1100**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**66000**	50	"	21.05	"	"	"	"	
cis-1,2-Dichloroethene	**1700**	50	"	1.43	"	"	11/09/06	"	
trans-1,2-Dichloroethene	**1100**	50	"	"	"	"	11/09/06	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	11/09/06	"	
Styrene	ND	50	"	"	"	"	11/09/06	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**300000**	50	"	60.2	"	"	11/09/06	"	
1,2,4-Trichlorobenzene	ND	50	"	1.43	"	"	11/09/06	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**800**	50	"	"	"	"	11/09/06	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

GAC-INFLUENT-VE2SVE2M-110306

T601523-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**8800**	50	ppb(v)	1.43	6110701	11/08/06	11/09/06	TO-15	
Trichlorofluoromethane	**11000**	50	"	"	"	"	11/09/06	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Blank (6110701-BLK1)				Prepared: 11/07/06 Analyzed: 11/10/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Blank (6110701-BLK1)				Prepared: 11/07/06 Analyzed: 11/10/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6110701-DUP1)		**Source: T601523-01**		Prepared: 11/07/06 Analyzed: 11/10/06						
Acetone	37.0	5.0	ppb(v)		40			7.79	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	11.4	1.0	"		12			5.13	30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	21.3	1.0	"		23			7.67	30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	30.9	1.0	"		31			0.323	30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:44

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Duplicate (6110701-DUP1)	**Source: T601523-01**		Prepared: 11/07/06 Analyzed: 11/10/06							
1,1-Dichloroethene	43.9	1.0	ppb(v)		49			11.0	30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	23.2	1.0	"		24			3.39	30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	189	1.0	"		190			0.528	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	11.4	1.0	"		12			5.13	30	
1,3,5-Trimethylbenzene	13.3	1.0	"		13			2.28	30	
1,2,4-Trimethylbenzene	19.4	1.0	"		20			3.05	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	41.2	5.0	"		44			6.57	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	12.5	1.0	"		14			11.3	30	
Toluene	57.3	1.0	"		58			1.21	30	
Ethylbenzene	11.3	1.0	"		11			2.69	30	
m,p-Xylene	91.7	2.0	"		93			1.41	30	
o-Xylene	40.6	1.0	"		41			0.980	30	

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T601523

Client: CDM
Address:
Phone: Fax:
Project Manager: Sharon Wallin

Date: 11/3/06 Page: 1 Of 1
Project Name: OMEGA
Collector: Edward Song Client Project #:
Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative	Total # of containers
																			Canister ID	
GAC-EFFLUENT-VE2SVE2	M-110306	11/3/06 14:33	Air	Canister										X				01	0024	1
GAC-OUTLET-VE2SVE2	M-110306	14:34	"	"										X				02	0202	1
GAC-INFLUENT-VE2SVE2	M-110306	14:36	"	"										X				03	0080	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	11/3/06 16:00	[signature]	11-6-06 955
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	3
Chain of Custody seals Y/N/NA	No
Seals intact? Y/N/NA	NA
Received good condition/cold	20°c

Turn around time: STD

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

SunStar Laboratories, Inc.

15 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 11/08/06 10:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

3002 Dow Avenue, Suite 212, Tustin, CA 92780 Phone (714) 505-4010 Fax (714) 505-4028

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T601530

Client: CDM

Address:

Phone: Fax:

Project Manager: Sharon Wallin

Date: 11/7/06 Page: 1 Of 1

Project Name: OMEGA

Collector: Edward Song Client Project #:

Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative	Total # of containers
GAC-EFFLUENT-VE35VE3M-110706	11/7/06	14:37	Air	Canister										X				01	0103	
GAC-OUTLET-VE35VE3M-110706		14:33	"	"										X				02	0104	
GAC-INFLUENT-VE35VE3M-110706	↓	14:37	"	"										X				03	0204	

Canister ID

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	11/7/06 16:00		11/8/06 10:50
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	3
Chain of Custody seals Y/N/NA	No
Seals intact? Y/N/NA	NA
Received good condition/cold	20°

Turn around time: STD

Notes: 0046 Low initial P unused

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-EFFLUENT-VE3SVE3M-110706	T601530-01	Air	11/07/06 14:31	11/08/06 10:50
GAC-OUTLET-VE3SVE3M-110706	T601530-02	Air	11/07/06 14:33	11/08/06 10:50
GAC-INFLUENT-VE3SVE3M-110706	T601530-03	Air	11/07/06 14:37	11/08/06 10:50

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

GAC-EFFLUENT-VE3SVE3M-110706
T601530-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	**100**	5.0	ppb(v)	1.65	6110701	11/08/06	11/10/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**41**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**3.0**	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**9.7**	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**130**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**2.6**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**260**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

GAC-EFFLUENT-VE3SVE3M-110706

T601530-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	ND	1.0	ppb(v)	1.65	6110701	11/08/06	11/10/06	TO-15	
Trichloroethene	**18**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**46**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1.9**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**4.3**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**140**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**3.9**	2.0	"	"	"	"	"	"	
o-Xylene	**1.9**	1.0	"	"	"	"	"	"	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

GAC-OUTLET-VE3SVE3M-110706
T601530-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	**66**	5.0	ppb(v)	1.53	6110701	11/08/06	11/10/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**5.7**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**69**	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**300**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	**2.5**	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	**46**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**79**	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tetrahydrofuran	**4.2**	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

GAC-OUTLET-VE3SVE3M-110706

T601530-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichloroethene	**5.9**	1.0	ppb(v)	1.53	6110701	11/08/06	11/10/06	TO-15	
Trichlorofluoromethane	**290**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**2.0**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**3.9**	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**29**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**98**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	**4.3**	2.0	"	"	"	"	"	"	
o-Xylene	**2.4**	1.0	"	"	"	"	"	"	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

GAC-INFLUENT-VE3SVE3M-110706
T601530-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.48	6110701	11/08/06	11/09/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**23000**	50	"	20.61	"	"	"	"	
Isopropyl alcohol	ND	50	"	1.48	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**590**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**980**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**140000**	50	"	20.61	"	"	"	"	
cis-1,2-Dichloroethene	**450**	50	"	1.48	"	"	"	"	
trans-1,2-Dichloroethene	**2800**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**400000**	50	"	69.35	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	1.48	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**300**	50	"	"	"	"	"	"	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

GAC-INFLUENT-VE3SVE3M-110706

T601530-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**30000**	50	ppb(v)	20.61	6110701	11/08/06	11/09/06	TO-15	
Trichlorofluoromethane	**23000**	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	1.48	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	**50**	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Blank (6110701-BLK1)				Prepared: 11/07/06 Analyzed: 11/10/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Blank (6110701-BLK1)				Prepared: 11/07/06 Analyzed: 11/10/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6110701-DUP1)		**Source: T601523-01**		Prepared: 11/07/06 Analyzed: 11/10/06						
Acetone	37.0	5.0	ppb(v)		40			7.79	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	11.4	1.0	"		12			5.13	30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	21.3	1.0	"		23			7.67	30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	30.9	1.0	"		31			0.323	30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 14:59

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Duplicate (6110701-DUP1)	**Source: T601523-01**			Prepared: 11/07/06 Analyzed: 11/10/06						
1,1-Dichloroethene	43.9	1.0	ppb(v)		49			11.0	30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	23.2	1.0	"		24			3.39	30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	189	1.0	"		190			0.528	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	11.4	1.0	"		12			5.13	30	
1,3,5-Trimethylbenzene	13.3	1.0	"		13			2.28	30	
1,2,4-Trimethylbenzene	19.4	1.0	"		20			3.05	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	41.2	5.0	"		44			6.57	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	12.5	1.0	"		14			11.3	30	
Toluene	57.3	1.0	"		58			1.21	30	
Ethylbenzene	11.3	1.0	"		11			2.69	30	
m,p-Xylene	91.7	2.0	"		93			1.41	30	
o-Xylene	40.6	1.0	"		41			0.980	30	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

15 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 11/09/06 09:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

3002 Dow Avenue, Suite 212, Tustin, CA 92780 Phone (714) 505-4010 Fax (714) 505-4028

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T0015 33

Client: CDM

Address:

Phone: Fax:

Project Manager: Sharon Wallin

Date: 11/8/06 Page: 1 Of 1

Project Name: DMEA

Collector: Edward Song Client Project #:

Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Canister ID / Comments/Preservative	Total # of containers
GAC-EFFLUENT-VE4SVE4M-110806	11/8/06	14:09	Air	Canister										X				01	0143	1
GAC-OUTLET-VE4SVE4M-110806	"	14:10	"	"										X				02	0091	1
GAC-INFLUENT-VE4SVE4M-110806	"	14:12	"	"										X				03	0038	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Edward W. Song	11/8/06 16:00	[signature]	11/9/06 09:45

Total # of containers: 3
Chain of Custody seals Y/N/NA: No
Seals intact? Y/N/NA: NA
Received good condition/cold: 20°C

Turn around time: STD

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-EFFLUENT-VE4SVE4M-110806	T601533-01	Air	11/08/06 14:09	11/09/06 09:45
GAC-OUTLET-VE4SVE4M-110806	T601533-02	Air	11/08/06 14:10	11/09/06 09:45
GAC-INFLUENT-VE4SVE4M-110806	T601533-03	Air	11/08/06 14:12	11/09/06 09:45

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

GAC-EFFLUENT-VE4SVE4M-110806
T601533-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	**68**	5.0	ppb(v)	3.22	6110701	11/09/06	11/10/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**49**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**20**	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**260**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**540**	1.0	"	1.61	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	3.22	"	"	"	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

GAC-EFFLUENT-VE4SVE4M-110806
T601533-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	ND	1.0	ppb(v)	3.22	6110701	11/09/06	11/10/06	TO-15	
Trichloroethene	**39**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**54**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**3.4**	1.0	"	"	"	"	"	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**97**	5.0	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

GAC-OUTLET-VE4SVE4M-110806

T601533-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.54	6110701	11/09/06	11/09/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	ND	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	ND	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**22000**	50	"	6.65	"	"	"	"	
cis-1,2-Dichloroethene	ND	50	"	1.54	"	"	"	"	
trans-1,2-Dichloroethene	ND	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**66**	50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	"	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

GAC-OUTLET-VE4SVE4M-110806

T601533-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	ND	50	ppb(v)	1.54	6110701	11/09/06	11/09/06	TO-15	
Trichlorofluoromethane	**5400**	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

GAC-INFLUENT-VE4SVE4M-110806

T601533-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.49	6110701	11/09/06	11/09/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**14000**	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2900**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1800**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**80000**	50	"	27.41	"	"	"	"	
cis-1,2-Dichloroethene	**2800**	50	"	1.49	"	"	"	"	
trans-1,2-Dichloroethene	**2500**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**700000**	50	"	199.21	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	1.49	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**3100**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

GAC-INFLUENT-VE4SVE4M-110806
T601533-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**25000**	50	ppb(v)	27.41	6110701	11/09/06	11/09/06	TO-15	
Trichlorofluoromethane	**10000**	50	"	1.49	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**160**	50	"	"	"	"	"	"	
Toluene	**65**	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Blank (6110701-BLK1)				Prepared: 11/07/06 Analyzed: 11/10/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Blank (6110701-BLK1)				Prepared: 11/07/06 Analyzed: 11/10/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6110701-DUP1)	**Source: T601523-01**			Prepared: 11/07/06 Analyzed: 11/10/06						
Acetone	37.0	5.0	ppb(v)		40			7.79	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	11.4	1.0	"		12			5.13	30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	21.3	1.0	"		23			7.67	30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	30.9	1.0	"		31			0.323	30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/15/06 15:14

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110701 - Canister Analysis										
Duplicate (6110701-DUP1)		**Source: T601523-01**		Prepared: 11/07/06 Analyzed: 11/10/06						
1,1-Dichloroethene	43.9	1.0	ppb(v)		49			11.0	30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	23.2	1.0	"		24			3.39	30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	189	1.0	"		190			0.528	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	ND	1.0	"		ND				30	
Trichlorofluoromethane	11.4	1.0	"		12			5.13	30	
1,3,5-Trimethylbenzene	13.3	1.0	"		13			2.28	30	
1,2,4-Trimethylbenzene	19.4	1.0	"		20			3.05	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	41.2	5.0	"		44			6.57	30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	12.5	1.0	"		14			11.3	30	
Toluene	57.3	1.0	"		58			1.21	30	
Ethylbenzene	11.3	1.0	"		11			2.69	30	
m,p-Xylene	91.7	2.0	"		93			1.41	30	
o-Xylene	40.6	1.0	"		41			0.980	30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

22 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 11/14/06 11:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

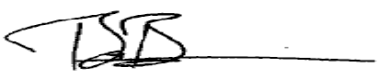
CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/22/06 09:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-OUTLET-VE5SVE5M-110906	T601556-01	Air	11/09/06 14:27	11/14/06 11:30
GAC-INFLUENT-VE5SVE5M-110906	T601556-02	Air	11/09/06 14:29	11/14/06 11:30

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/22/06 09:25

GAC-OUTLET-VE5SVE5M-110906

T601556-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	50	ppb(v)	1.55	6111417	11/14/06	11/16/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	ND	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	ND	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**41000**	50	"	18.76	"	"	"	"	
cis-1,2-Dichloroethene	ND	50	"	1.55	"	"	"	"	
trans-1,2-Dichloroethene	ND	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	**140**	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**860**	50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	"	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/22/06 09:25

GAC-OUTLET-VE5SVE5M-110906

T601556-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	ND	50	ppb(v)	1.55	6111417	11/14/06	11/16/06	TO-15	
Trichloroethene	ND	50	"	"	"	"	"	"	
Trichlorofluoromethane	**9400**	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	11/17/06	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/22/06 09:25

GAC-INFLUENT-VE5SVE5M-110906

T601556-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	ND	50	ppb(v)	1.4	6111417	11/14/06	11/16/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**10000**	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2800**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1100**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**44000**	50	"	25.87	"	"	"	"	
cis-1,2-Dichloroethene	ND	50	"	1.4	"	"	"	"	
trans-1,2-Dichloroethene	**1600**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**630000**	50	"	257.41	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	1.4	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**4300**	50	"	"	"	"	11/16/06	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/22/06 09:25

GAC-INFLUENT-VE5SVE5M-110906

T601556-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Trichloroethene	**19000**	50	ppb(v)	25.87	6111417	11/14/06	11/16/06	TO-15	
Trichlorofluoromethane	**6700**	50	"	1.4	"	"	11/16/06	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**230**	50	"	"	"	"	"	"	
Toluene	**54**	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/22/06 09:25

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111417 - Canister Analysis										
Blank (6111417-BLK1)				Prepared: 11/14/06 Analyzed: 11/17/06						
Acetone	ND	50	ppb(v)							
1,3-Butadiene	ND	50	"							
Carbon disulfide	ND	50	"							
Freon 113	ND	50	"							
Isopropyl alcohol	ND	50	"							
Bromodichloromethane	ND	50	"							
Bromoform	ND	50	"							
Bromomethane	ND	50	"							
Carbon tetrachloride	ND	50	"							
Chlorobenzene	ND	50	"							
Chloroethane	ND	50	"							
Chloroform	ND	50	"							
Chloromethane	ND	50	"							
Cyclohexane	ND	50	"							
Hexane	ND	50	"							
Dibromochloromethane	ND	50	"							
Ethyl acetate	ND	50	"							
Heptane	ND	50	"							
1,2-Dibromoethane (EDB)	ND	50	"							
1,2-Dichlorobenzene	ND	50	"							
1,3-Dichlorobenzene	ND	50	"							
1,4-Dichlorobenzene	ND	50	"							
Dichlorodifluoromethane	ND	50	"							
1,1-Dichloroethane	ND	50	"							
1,2-Dichloroethane	ND	50	"							
1,1-Dichloroethene	ND	50	"							
cis-1,2-Dichloroethene	ND	50	"							
trans-1,2-Dichloroethene	ND	50	"							
1,2-Dichloropropane	ND	50	"							
cis-1,3-Dichloropropene	ND	50	"							
trans-1,3-Dichloropropene	ND	50	"							
4-Ethyltoluene	ND	50	"							
Hexachlorobutadiene	ND	50	"							
Methylene chloride	ND	50	"							
Styrene	ND	50	"							
1,1,2,2-Tetrachloroethane	ND	50	"							
Tetrachloroethene	ND	50	"							
1,2,4-Trichlorobenzene	ND	50	"							
Tetrahydrofuran	ND	50	"							
1,1,2-Trichloroethane	ND	50	"							
1,1,1-Trichloroethane	ND	50	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111417 - Canister Analysis										
Blank (6111417-BLK1)				Prepared: 11/14/06 Analyzed: 11/17/06						
Trichloroethene	ND	50	ppb(v)							
Trichlorofluoromethane	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
1,2,4-Trimethylbenzene	ND	50	"							
Vinyl acetate	ND	50	"							
Vinyl chloride	ND	50	"							
1,4-Dioxane	ND	50	"							
2-Butanone	ND	50	"							
Methyl isobutyl ketone	ND	50	"							
Benzene	ND	50	"							
Toluene	ND	50	"							
Ethylbenzene	ND	50	"							
m,p-Xylene	ND	50	"							
o-Xylene	ND	50	"							

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T6015546

Client: CAM

Address:

Phone: Fax:

Project Manager: Sharon Wallis

Date: 11/9/06 Page: 1 Of 1

Project Name: OMEGA

Collector: Edward Song Client Project #:

Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Canister ID / Comments/Preservative	Total # of containers
GAC-OUTLET-VESSVESM-110906	11/9/06	14:27	Air	Canister										X				01	0095	1
GAC-INFLUENT-VESSVESM-110906	11/9/06	14:29	"	"										X				02	0125	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	11/9/06 16:00		11:30 11/10/06
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 2
Chain of Custody seals Y/N/NA:
Seals intact? Y/N/NA:
Received good condition/cold: 20°C

Turn around time: STD

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

29 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 11/20/06 13:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-OUTLET-VE2SVE2M	T601586-01	Air	11/15/06 13:21	11/20/06 13:30
GAC-INFLUENT-VE2SVE2M	T601586-02	Air	11/15/06 13:24	11/20/06 13:30

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:26

GAC-OUTLET-VE2SVE2M
T601586-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.54	6112112	11/21/06	11/22/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**1100**	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**170**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**500**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**170000**	50	"	17.45	"	"	"	"	
cis-1,2-Dichloroethene	**490**	50	"	1.54	"	"	"	"	
trans-1,2-Dichloroethene	ND	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	**230**	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**170**	50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	"	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:26

GAC-OUTLET-VE2SVE2M

T601586-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
1,1,1-Trichloroethane	ND	50	ppb(v)	1.54	6112112	11/21/06	11/22/06	TO-15	
Trichloroethene	ND	50	"	"	"	"	11/22/06	"	
Trichlorofluoromethane	**33000**	50	"	17.45	"	"	11/22/06	"	
1,3,5-Trimethylbenzene	ND	50	"	1.54	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:26

GAC-INFLUENT-VE2SVE2M
T601586-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.6	6112112	11/21/06	11/22/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**9900**	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2400**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1200**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**63000**	50	"	6.74	"	"	"	"	
cis-1,2-Dichloroethene	**790**	50	"	1.6	"	"	"	"	
trans-1,2-Dichloroethene	**1700**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**420000**	50	"	118.69	"	"	11/22/06	"	
1,2,4-Trichlorobenzene	ND	50	"	1.6	"	"	11/22/06	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1400**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:26

GAC-INFLUENT-VE2SVE2M
T601586-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**14000**	50	ppb(v)	1.6	6112112	11/21/06	11/22/06	TO-15	
Trichlorofluoromethane	**7400**	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:26

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112112 - Canister Analysis										
Blank (6112112-BLK1)				Prepared: 11/21/06 Analyzed: 11/22/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:26

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112112 - Canister Analysis										
Blank (6112112-BLK1)				Prepared: 11/21/06 Analyzed: 11/22/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6112112-DUP1)		**Source: T601585-05**		Prepared: 11/21/06 Analyzed: 11/22/06						
Acetone	4.86	5.0	ppb(v)		4.6			5.50	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	ND	1.0	"		ND				30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:26

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112112 - Canister Analysis										
Duplicate (6112112-DUP1)	**Source: T601585-05**		Prepared: 11/21/06 Analyzed: 11/22/06							
1,1-Dichloroethene	ND	1.0	ppb(v)		ND				30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	4.73	1.0	"		4.8			1.47	30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	128	1.0	"		130			1.55	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	6.41	1.0	"		6.2			3.33	30	
Trichlorofluoromethane	6.38	1.0	"		5.8			9.52	30	
1,3,5-Trimethylbenzene	3.48	1.0	"		3.5			0.573	30	
1,2,4-Trimethylbenzene	6.31	1.0	"		6.3			0.159	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	ND	5.0	"		ND				30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	11.0	1.0	"		10			9.52	30	
Toluene	31.3	1.0	"		31			0.963	30	
Ethylbenzene	4.64	1.0	"		4.4			5.31	30	
m,p-Xylene	22.3	2.0	"		22			1.35	30	
o-Xylene	8.89	1.0	"		9.0			1.23	30	

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

Client: CAM
Address:
Phone: Fax:
Project Manager: Sharon Wallin

Date: 11/15/06 Page: 1 Of 1
Project Name: OMEGA
Collector: Edward Song Client Project #:
Batch #: T601586 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative	Total # of containers
																			Canister ID	
GAC-OUTLET-VE2SVE3M-111506	11/15/06	13:21	Air	Canister										X				01	0211	1
GAC-INFLVENT-VE3SVE4M-111506	↓	13:24	"	"										X				02	0220	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Edward W. Song	11/15/06 14:40	J Burwell	11-20-06 1330
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 2
Chain of Custody seals Y/N/NA:
Seals intact? Y/N/NA: NA
Received good condition/cold: 23.6

Turn around time:

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

29 November 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 11/20/06 13:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-OUTLET-VE2SVE2M-111706	T601587-01	Air	11/17/06 11:27	11/20/06 13:30
GAC-INFLUENT-VE2SVE2M-111706	T601587-02	Air	11/17/06 11:29	11/20/06 13:30

SunStar Laboratories, Inc.

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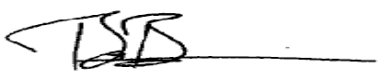

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:31

GAC-OUTLET-VE2SVE2M-111706

T601587-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**22**	5.0	ppb(v)	6.4	6112112	11/21/06	11/22/06	TO-15	
1,3-Butadiene	ND	2.0	"	"	"	"	"	"	
Carbon disulfide	ND	1.0	"	"	"	"	"	"	
Freon 113	**23**	1.0	"	"	"	"	"	"	
Isopropyl alcohol	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Cyclohexane	ND	1.0	"	"	"	"	"	"	
Hexane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Ethyl acetate	ND	3.0	"	"	"	"	"	"	
Heptane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	**36**	1.0	"	"	"	"	11/22/06	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	11/22/06	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	**210**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**320**	1.0	"	"	"	"	11/22/06	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	11/22/06	"	
Tetrahydrofuran	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:31

GAC-OUTLET-VE2SVE2M-111706

T601587-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
1,1,1-Trichloroethane	ND	1.0	ppb(v)	6.4	6112112	11/21/06	11/22/06	TO-15	
Trichloroethene	**16**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	**140**	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl acetate	ND	1.0	"	"	"	"	11/22/06	"	
Vinyl chloride	**14**	1.0	"	"	"	"	11/22/06	"	
1,4-Dioxane	ND	5.0	"	"	"	"	"	"	
2-Butanone	**30**	5.0	"	"	"	"	11/22/06	"	
Methyl isobutyl ketone	ND	10	"	"	"	"	11/22/06	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:31

GAC-INFLUENT-VE2SVE2M-111706

T601587-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1.54	6112112	11/21/06	11/22/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**9400**	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**2300**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1100**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**59000**	50	"	20.13	"	"	"	"	
cis-1,2-Dichloroethene	**740**	50	"	1.54	"	"	"	"	
trans-1,2-Dichloroethene	**1700**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**390000**	50	"	85.89	"	"	11/22/06	"	
1,2,4-Trichlorobenzene	ND	50	"	1.54	"	"	11/22/06	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1400**	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:31

GAC-INFLUENT-VE2SVE2M-111706

T601587-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**13000**	50	ppb(v)	1.54	6112112	11/21/06	11/22/06	TO-15	
Trichlorofluoromethane	**6900**	50	"	"	"	"	11/22/06	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:31

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112112 - Canister Analysis										
Blank (6112112-BLK1)				Prepared: 11/21/06 Analyzed: 11/22/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:31

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112112 - Canister Analysis										
Blank (6112112-BLK1)				Prepared: 11/21/06 Analyzed: 11/22/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6112112-DUP1)		**Source: T601585-05**		Prepared: 11/21/06 Analyzed: 11/22/06						
Acetone	4.86	5.0	ppb(v)		4.6			5.50	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	ND	1.0	"		ND				30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	ND	1.0	"		ND				30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	ND	1.0	"		ND				30	
1,1-Dichloroethane	ND	1.0	"		ND				30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: 10500	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	11/29/06 11:31

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112112 - Canister Analysis										
Duplicate (6112112-DUP1)	**Source: T601585-05**			Prepared: 11/21/06 Analyzed: 11/22/06						
1,1-Dichloroethene	ND	1.0	ppb(v)		ND				30	
cis-1,2-Dichloroethene	ND	1.0	"		ND				30	
trans-1,2-Dichloroethene	ND	1.0	"		ND				30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	4.73	1.0	"		4.8			1.47	30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	128	1.0	"		130			1.55	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	ND	1.0	"		ND				30	
Trichloroethene	6.41	1.0	"		6.2			3.33	30	
Trichlorofluoromethane	6.38	1.0	"		5.8			9.52	30	
1,3,5-Trimethylbenzene	3.48	1.0	"		3.5			0.573	30	
1,2,4-Trimethylbenzene	6.31	1.0	"		6.3			0.159	30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	ND	1.0	"		ND				30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	ND	5.0	"		ND				30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	11.0	1.0	"		10			9.52	30	
Toluene	31.3	1.0	"		31			0.963	30	
Ethylbenzene	4.64	1.0	"		4.4			5.31	30	
m,p-Xylene	22.3	2.0	"		22			1.35	30	
o-Xylene	8.89	1.0	"		9.0			1.23	30	

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

Client: CDM
Address:
Phone: Fax:
Project Manager: Sharon Wallin

Date: 11/17/06 Page: 1 Of 1
Project Name: OMEGA
Collector: Edward Song Client Project #:
Batch #: ~~FSO~~ T601587 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Comments/Preservative (Canister ID)	Total # of containers
GAC-OUTLET-VE2SVE2M-111706	11/17/06	11:27	Air	Canister										X				01	0186	1
GAC-INFLUENT-VE2SVE2M-111706	↓	11:29	"	"										X				02	0205	1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Edward W. Song	11/17/06 13:00	[illegible]	11 20 06 1330
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	2
Chain of Custody seals Y/N/NA	
Seals intact? Y/N/NA	
Received good condition/cold	23.6

Turn around time:

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

08 December 2006

Sharon Wallin
CDM -- Irvine
18581 Teller Ave., Suite 200
Irvine, CA 92612

RE: Omega

Enclosed are the results of analyses for samples received by the laboratory on 11/27/06 11:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas For Ben Beauchaine
Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: [none]	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/08/06 16:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-INFLUENT-VE2SVE2M-112206	T601618-01	Air	11/22/06 11:49	11/27/06 11:35
GAC-OUTLET-VE2SVE2M-112206	T601618-02	Air	11/22/06 11:51	11/27/06 11:35

SunStar Laboratories, Inc.

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Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: [none]	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/08/06 16:30

GAC-INFLUENT-VE2SVE2M-112206
T601618-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1	6112713	11/27/06	12/05/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**5200**	50	"	"	"	"	"	"	
Isopropyl alcohol	ND	50	"	"	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**1600**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**530**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**34000**	50	"	14.7	"	"	"	"	
cis-1,2-Dichloroethene	ND	50	"	1	"	"	"	"	
trans-1,2-Dichloroethene	**940**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**260000**	50	"	62.13	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	1	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: [none]	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/08/06 16:30

GAC-INFLUENT-VE2SVE2M-112206

T601618-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
1,1,1-Trichloroethane	**1800**	50	ppb(v)	1	6112713	11/27/06	12/05/06	TO-15	
Trichloroethene	**11000**	50	"	14.7	"	"	"	"	
Trichlorofluoromethane	**3000**	50	"	1	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	**63**	50	"	"	"	"	"	"	
Toluene	**53**	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: [none]	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/08/06 16:30

GAC-OUTLET-VE2SVE2M-112206

T601618-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Acetone	ND	50	ppb(v)	1	6112713	11/27/06	12/05/06	TO-15	
1,3-Butadiene	ND	50	"	"	"	"	"	"	
Carbon disulfide	ND	50	"	"	"	"	"	"	
Freon 113	**12000**	50	"	17.7	"	"	"	"	
Isopropyl alcohol	ND	50	"	1	"	"	"	"	
Bromodichloromethane	ND	50	"	"	"	"	"	"	
Bromoform	ND	50	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	"	"	"	"	"	"	
Chlorobenzene	ND	50	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	**3100**	50	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Cyclohexane	ND	50	"	"	"	"	"	"	
Hexane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	50	"	"	"	"	"	"	
Ethyl acetate	ND	50	"	"	"	"	"	"	
Heptane	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethane	**1300**	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
1,1-Dichloroethene	**67000**	50	"	17.7	"	"	"	"	
cis-1,2-Dichloroethene	**520**	50	"	1	"	"	"	"	
trans-1,2-Dichloroethene	**1900**	50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Methylene chloride	ND	50	"	"	"	"	"	"	
Styrene	ND	50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50	"	"	"	"	"	"	
Tetrachloroethene	**3700**	50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	"	"	"	"	"	
Tetrahydrofuran	ND	50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1900**	50	"	"	"	"	12/05/06	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: [none]	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/08/06 16:30

GAC-OUTLET-VE2SVE2M-112206

T601618-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									**R-07**
Trichloroethene	**7200**	50	ppb(v)	17.7	6112713	11/27/06	12/05/06	TO-15	
Trichlorofluoromethane	**7800**	50	"	"	"	"	12/05/06	"	
1,3,5-Trimethylbenzene	ND	50	"	1	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
Vinyl acetate	ND	50	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
1,4-Dioxane	ND	50	"	"	"	"	"	"	
2-Butanone	ND	50	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	50	"	"	"	"	"	"	
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	ND	50	"	"	"	"	"	"	
m,p-Xylene	ND	50	"	"	"	"	"	"	
o-Xylene	ND	50	"	"	"	"	"	"	

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: [none]	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/08/06 16:30

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112713 - Canister Analysis										
Blank (6112713-BLK1)				Prepared: 11/27/06 Analyzed: 12/05/06						
Acetone	ND	5.0	ppb(v)							
1,3-Butadiene	ND	2.0	"							
Carbon disulfide	ND	1.0	"							
Freon 113	ND	1.0	"							
Isopropyl alcohol	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	5.0	"							
Cyclohexane	ND	1.0	"							
Hexane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Ethyl acetate	ND	3.0	"							
Heptane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
4-Ethyltoluene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Tetrahydrofuran	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: [none]	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/08/06 16:30

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112713 - Canister Analysis										
Blank (6112713-BLK1)				Prepared: 11/27/06 Analyzed: 12/05/06						
Trichloroethene	ND	1.0	ppb(v)							
Trichlorofluoromethane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl acetate	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
1,4-Dioxane	ND	5.0	"							
2-Butanone	ND	5.0	"							
Methyl isobutyl ketone	ND	10	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Duplicate (6112713-DUP1)		**Source: T601643-01**		Prepared: 11/30/06 Analyzed: 12/05/06						
Acetone	5.32	5.0	ppb(v)		5.6			5.13	30	
1,3-Butadiene	ND	2.0	"		ND				30	
Carbon disulfide	ND	1.0	"		ND				30	
Freon 113	104	1.0	"		100			3.92	30	
Isopropyl alcohol	ND	1.0	"		ND				30	
Bromodichloromethane	ND	1.0	"		ND				30	
Bromoform	ND	1.0	"		ND				30	
Bromomethane	ND	1.0	"		ND				30	
Carbon tetrachloride	ND	1.0	"		ND				30	
Chlorobenzene	ND	1.0	"		ND				30	
Chloroethane	ND	1.0	"		ND				30	
Chloroform	12.7	1.0	"		13			2.33	30	
Chloromethane	ND	5.0	"		ND				30	
Cyclohexane	ND	1.0	"		ND				30	
Hexane	ND	1.0	"		ND				30	
Dibromochloromethane	ND	1.0	"		ND				30	
Ethyl acetate	ND	3.0	"		ND				30	
Heptane	ND	1.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	1.0	"		ND				30	
1,2-Dichlorobenzene	ND	1.0	"		ND				30	
1,3-Dichlorobenzene	ND	1.0	"		ND				30	
1,4-Dichlorobenzene	ND	1.0	"		ND				30	
Dichlorodifluoromethane	31.0	1.0	"		34			9.23	30	
1,1-Dichloroethane	7.99	1.0	"		8.0			0.125	30	
1,2-Dichloroethane	ND	1.0	"		ND				30	

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

CDM -- Irvine	Project: Omega	
18581 Teller Ave., Suite 200	Project Number: [none]	**Reported:**
Irvine CA, 92612	Project Manager: Sharon Wallin	12/08/06 16:30

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112713 - Canister Analysis										
Duplicate (6112713-DUP1)		**Source: T601643-01**		Prepared: 11/30/06 Analyzed: 12/05/06						
1,1-Dichloroethene	380	1.0	ppb(v)		410			7.59	30	
cis-1,2-Dichloroethene	6.88	1.0	"		6.9			0.290	30	
trans-1,2-Dichloroethene	6.88	1.0	"		6.9			0.290	30	
1,2-Dichloropropane	ND	1.0	"		ND				30	
cis-1,3-Dichloropropene	ND	1.0	"		ND				30	
trans-1,3-Dichloropropene	ND	1.0	"		ND				30	
4-Ethyltoluene	ND	1.0	"		ND				30	
Hexachlorobutadiene	ND	1.0	"		ND				30	
Methylene chloride	ND	1.0	"		ND				30	
Styrene	ND	1.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND				30	
Tetrachloroethene	26.4	1.0	"		26			1.53	30	
1,2,4-Trichlorobenzene	ND	1.0	"		ND				30	
Tetrahydrofuran	ND	1.0	"		ND				30	
1,1,2-Trichloroethane	ND	1.0	"		ND				30	
1,1,1-Trichloroethane	8.05	1.0	"		8.2			1.85	30	
Trichloroethene	14.0	1.0	"		14			0.00	30	
Trichlorofluoromethane	ND	1.0	"		ND				30	
1,3,5-Trimethylbenzene	ND	1.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	1.0	"		ND				30	
Vinyl acetate	ND	1.0	"		ND				30	
Vinyl chloride	13.7	1.0	"		14			2.17	30	
1,4-Dioxane	ND	5.0	"		ND				30	
2-Butanone	ND	5.0	"		ND				30	
Methyl isobutyl ketone	ND	10	"		ND				30	
Benzene	ND	1.0	"		ND				30	
Toluene	ND	1.0	"		ND				30	
Ethylbenzene	ND	1.0	"		ND				30	
m,p-Xylene	ND	2.0	"		ND				30	
o-Xylene	ND	1.0	"		ND				30	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Ben Beauchaine, Laboratory Supervisor

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

Client: CDM
Address:
Phone: Fax:
Project Manager: Sharon Wellin

Date: 11/22/06 Page: 1 Of 1
Project Name: OMEGA
Collector: Edward Soria Client Project #:
Batch #: T601618 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TO-15				Laboratory ID #	Canister ID / Comments/Preservative	Total # of containers
GAC-INFLUENT-WE22SVE2M-112206	11/22/06	11:49	A.G.	Cont.										X				01	0011	1
GAC-OUTLET-WE22SVE2M-112206	"	11:51												X				02	0008	

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	11/22/06 14:00		11/27 @ 1150
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 2
Chain of Custody seals Y/N/NA:
Seals intact? Y/N/NA:
Received good condition/cold: 21.9°

Turn around time:

Notes

Sample disposal Instructions Disposal @ $2 00 each Return to client Pickup

Appendix D

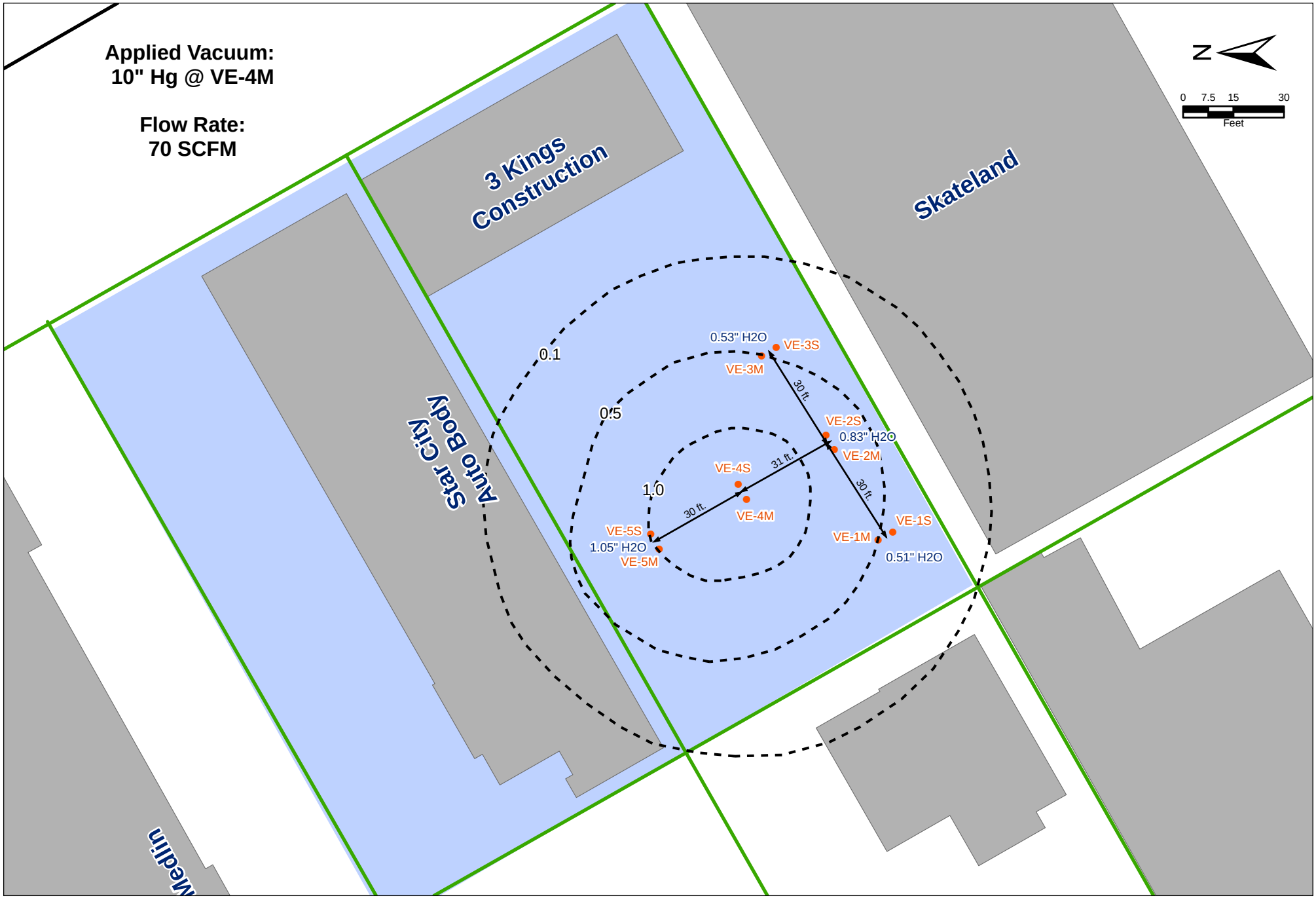
Legend

- Property Boundary
- Cross Section
- Omega Chemical Superfund Site
- Building
- Soil Vapor Extraction Well

0 15 30 60
Feet

CDM

Omega Chemical Super Fund Site
Plan View of Cross Section
Soil Vapor Extraction Well Locations
Figure D-1

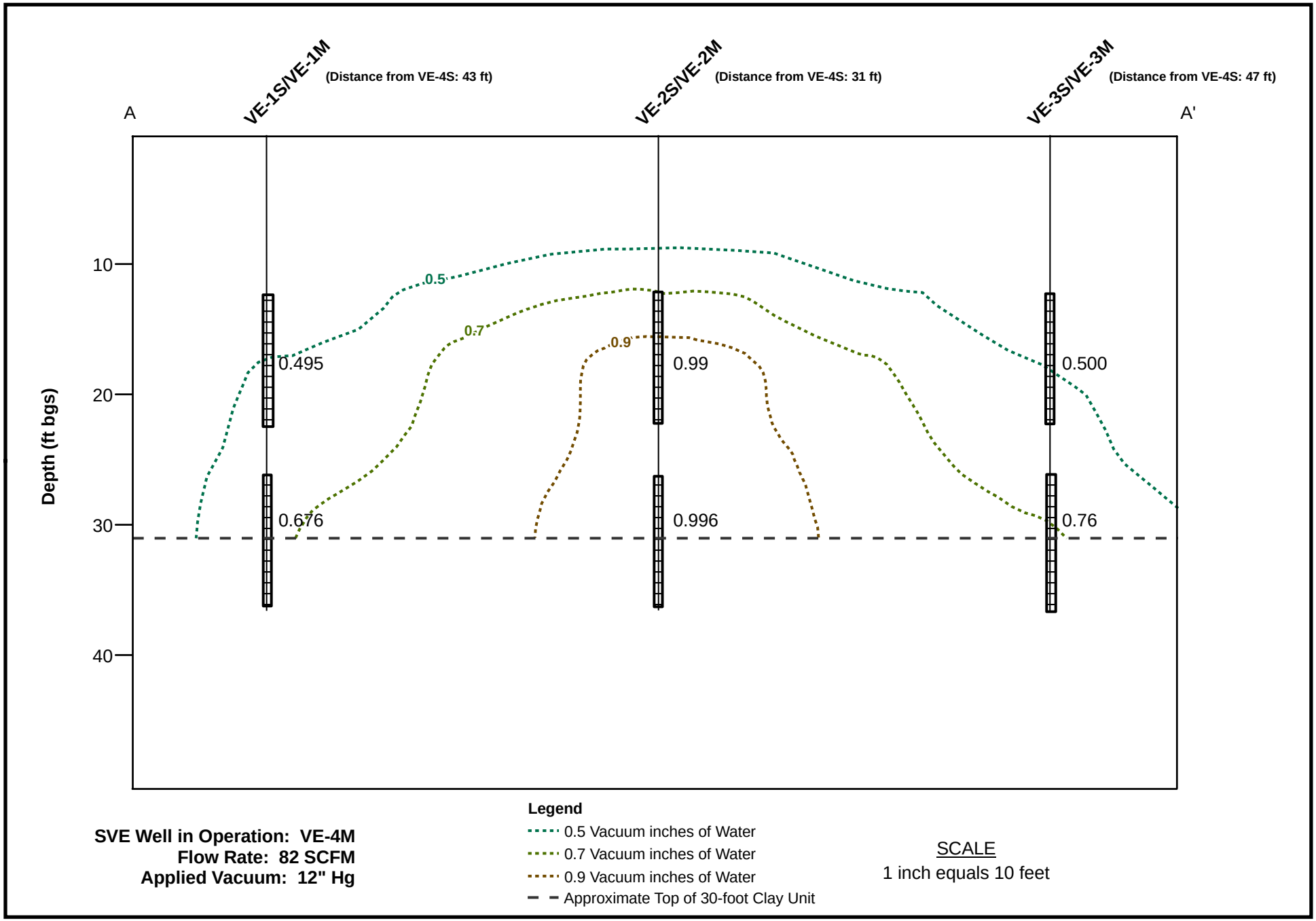


Legend

- Property Boundary
- Distance
- Omega Chemical Superfund Site
- Building
- Wellhead VE-4M Pilot Test Vacuum Distribution (" H2O)
- Soil Vapor Extraction Well

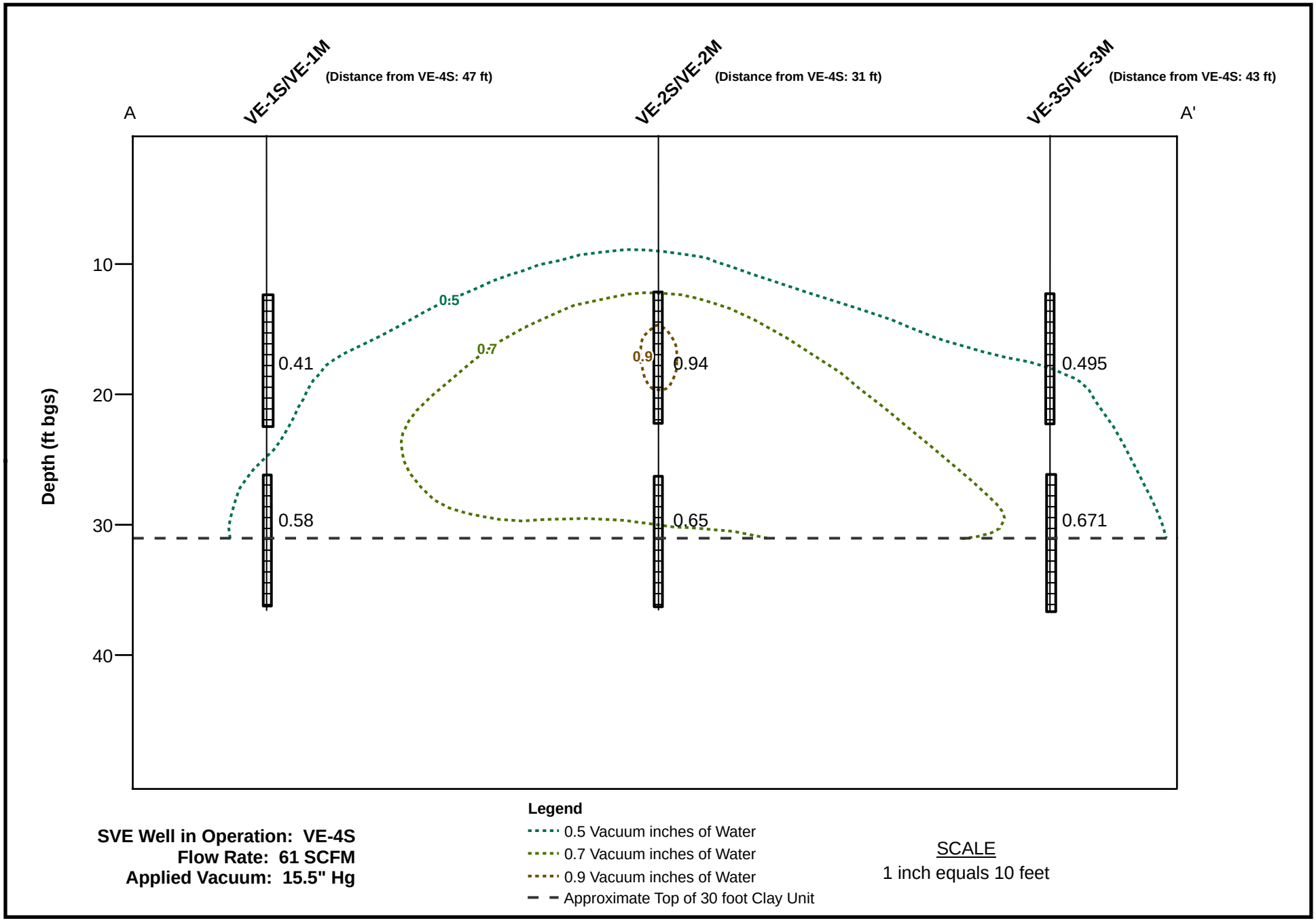
CDM

Omega Chemical Super Fund Site
Plan View of Wellhead VE-4M
Pilot Test Vacuum Distribution
Figure D-2

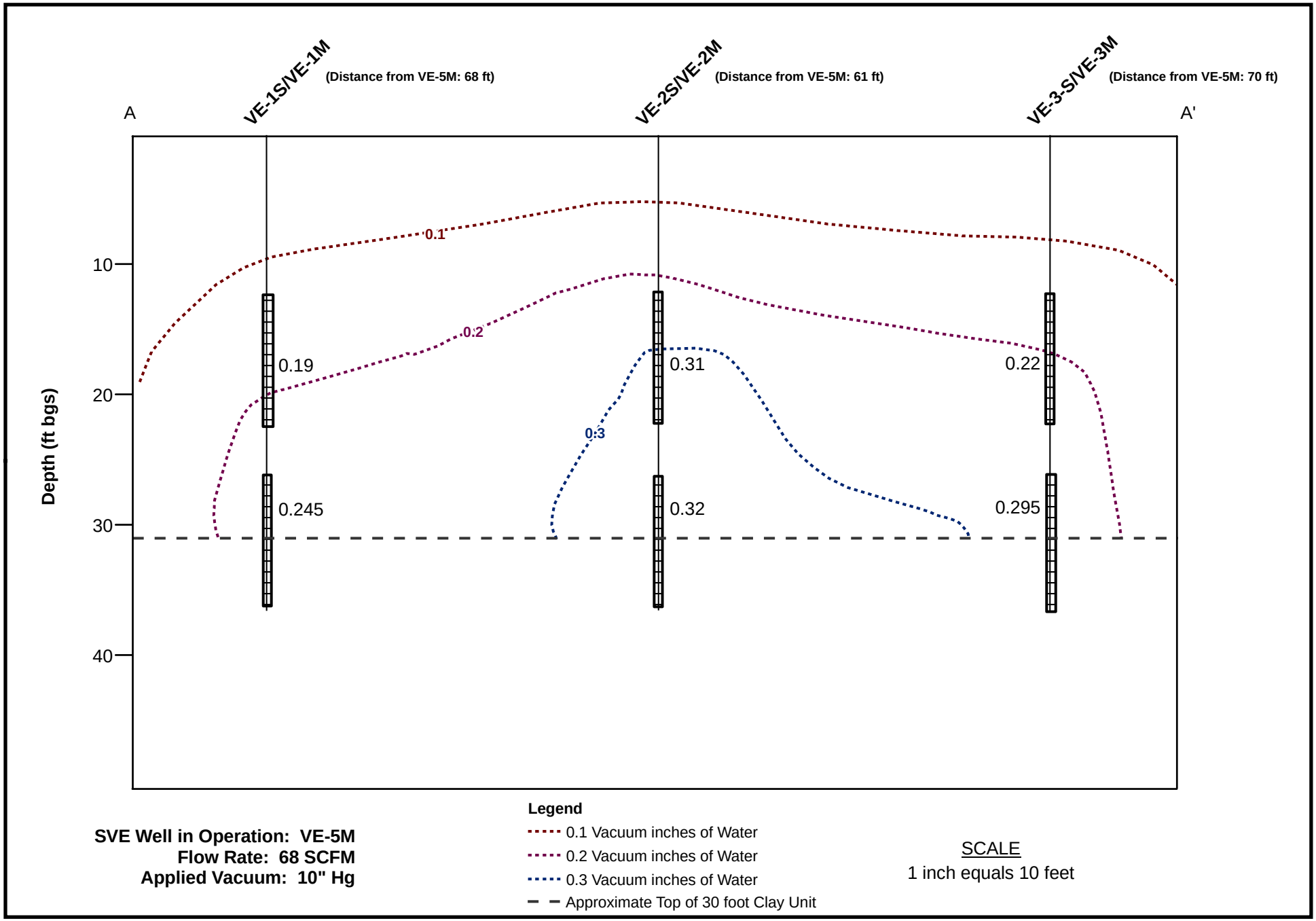


CDM

Omega Chemical Super Fund Site
Cross Section A - A' - Wellhead VE-4M
Pilot Test Vacuum Distribution
Figure D-3

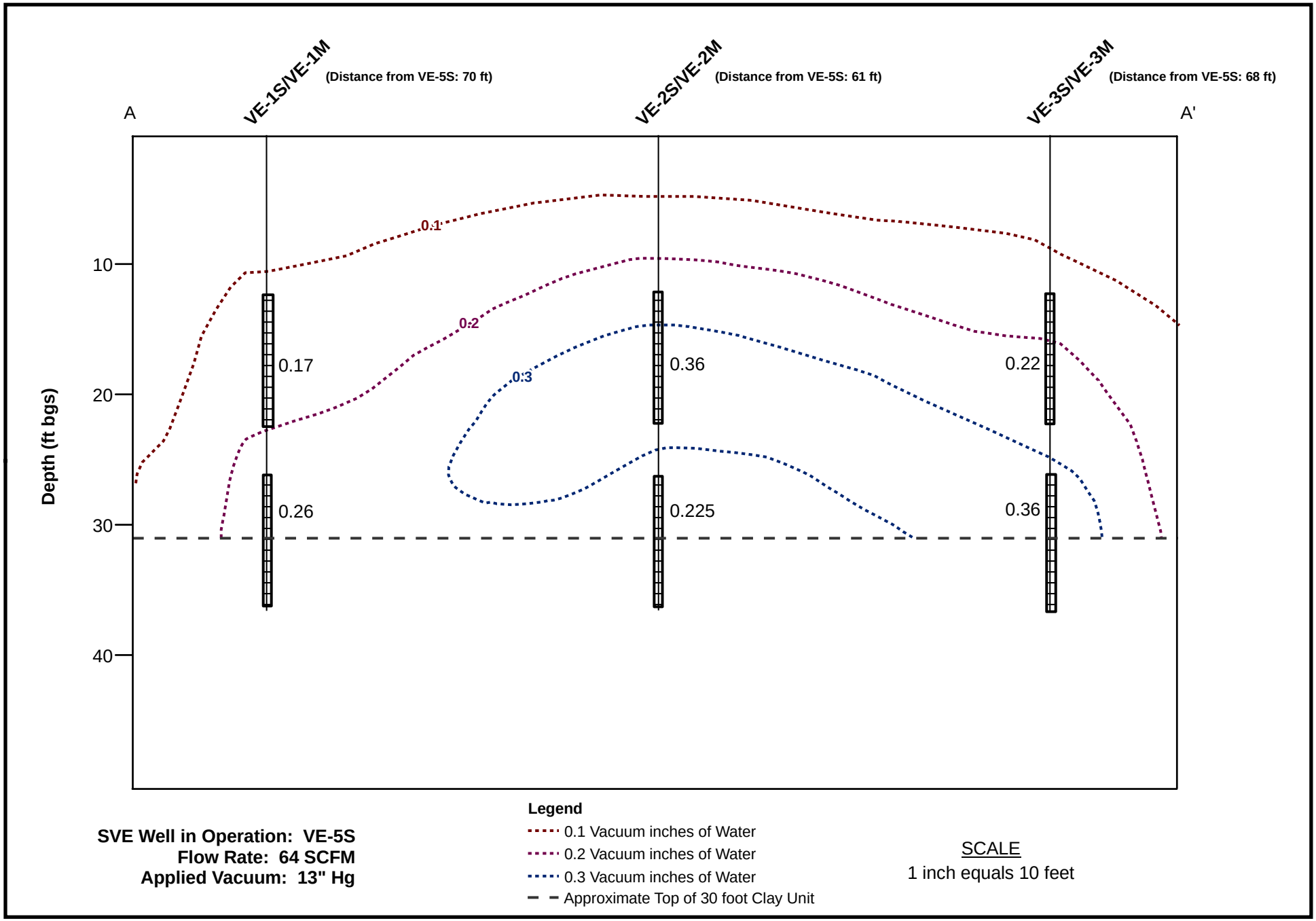


Omega Chemical Super Fund Site
Cross Section A - A' - Wellhead VE-4S
Pilot Test Vacuum Distribution
Figure D-4



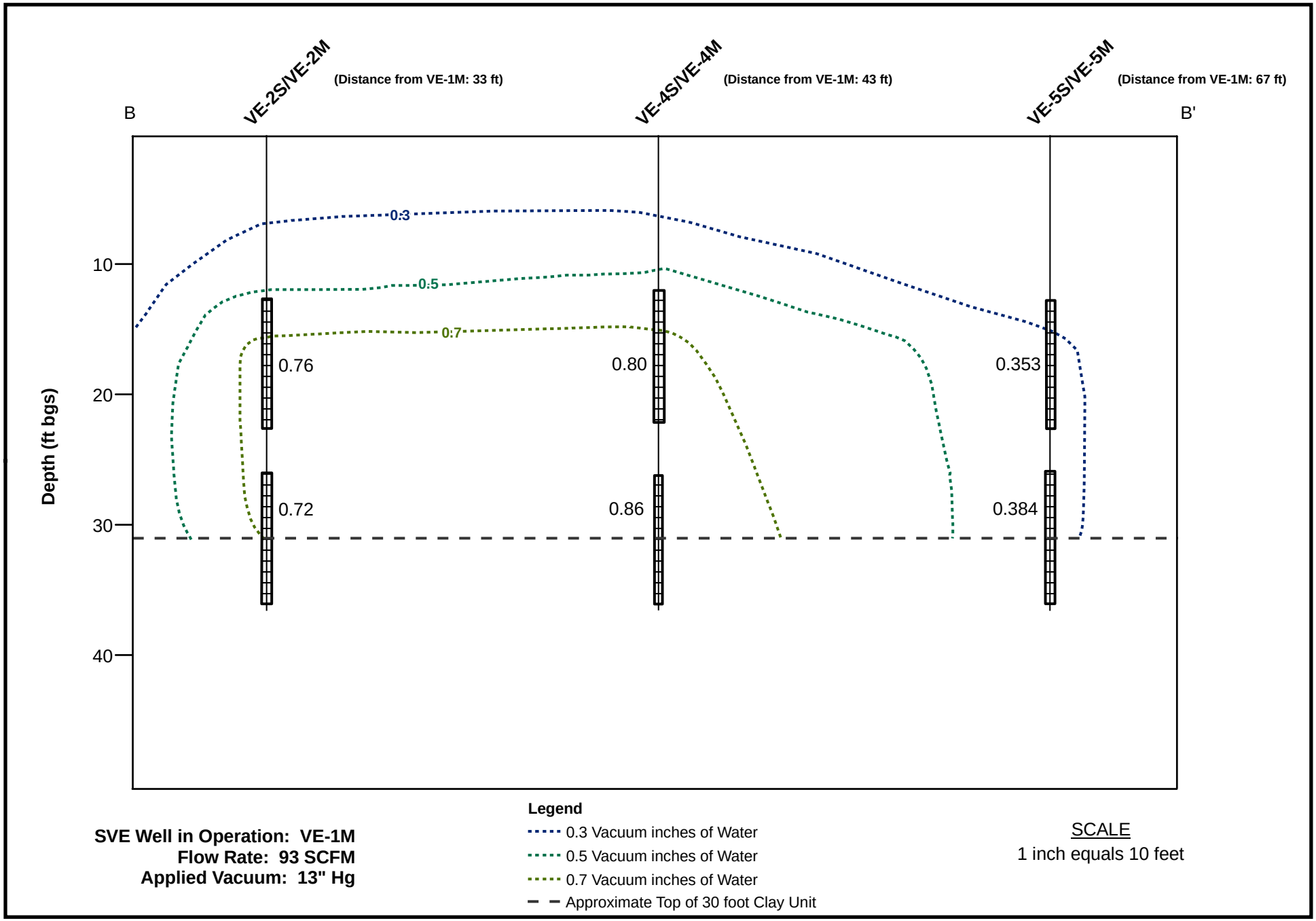
CDM

Omega Chemical Super Fund Site
Cross Section A - A' - Wellhead VE-5M
Pilot Test Vacuum Distribution
Figure D-5

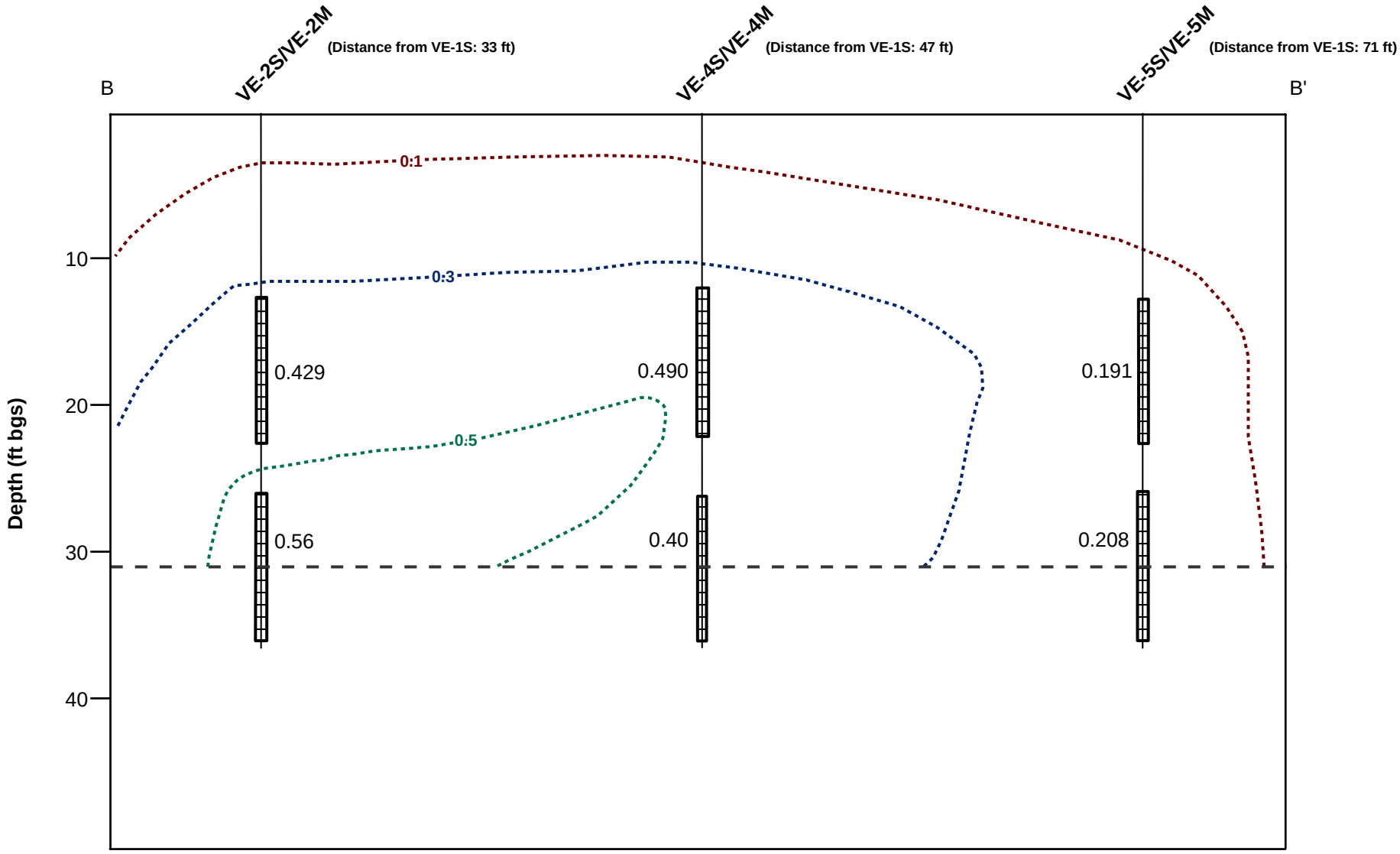


CDM

Omega Chemical Super Fund Site
Cross Section A - A' - Wellhead VE-5S
Pilot Test Vacuum Distribution
Figure D-6



Omega Chemical Super Fund Site
Cross Section B - B' - Wellhead VE-1M
Pilot Test Vacuum Distribution
Figure D-7



SVE Well in Operation: VE-1S
Flow Rate: 52 SCFM
Applied Vacuum: 17" Hg

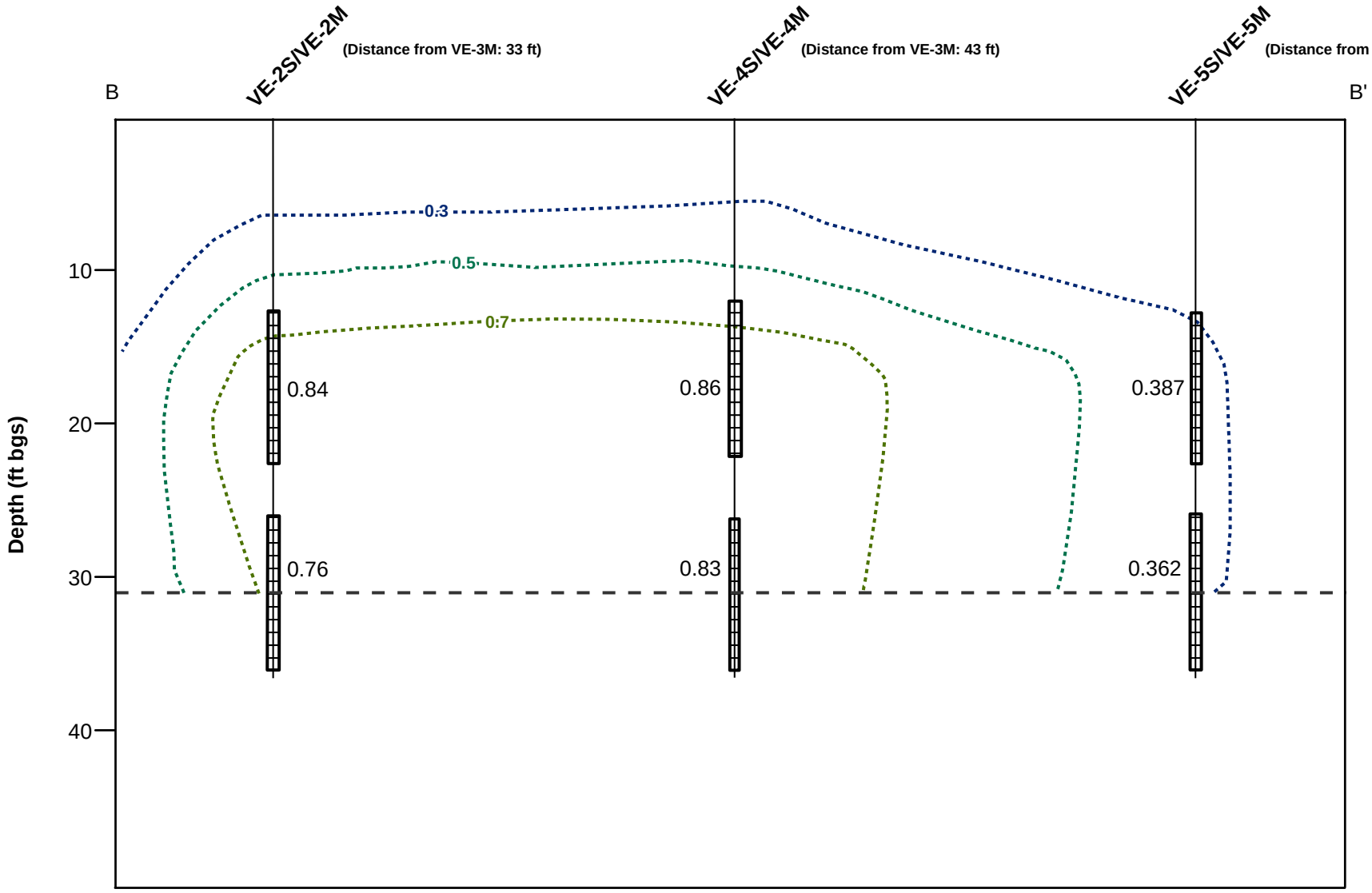
Legend

- 0.1 Vacuum inches of Water
- 0.3 Vacuum inches of Water
- 0.5 Vacuum inches of Water
- Approximate Top of 30 foot Clay Unit

SCALE
1 inch equals 10 feet

CDM

Omega Chemical Super Fund Site
Cross Section B - B' - Wellhead VE-1S
Pilot Test Vacuum Distribution
Figure D-8



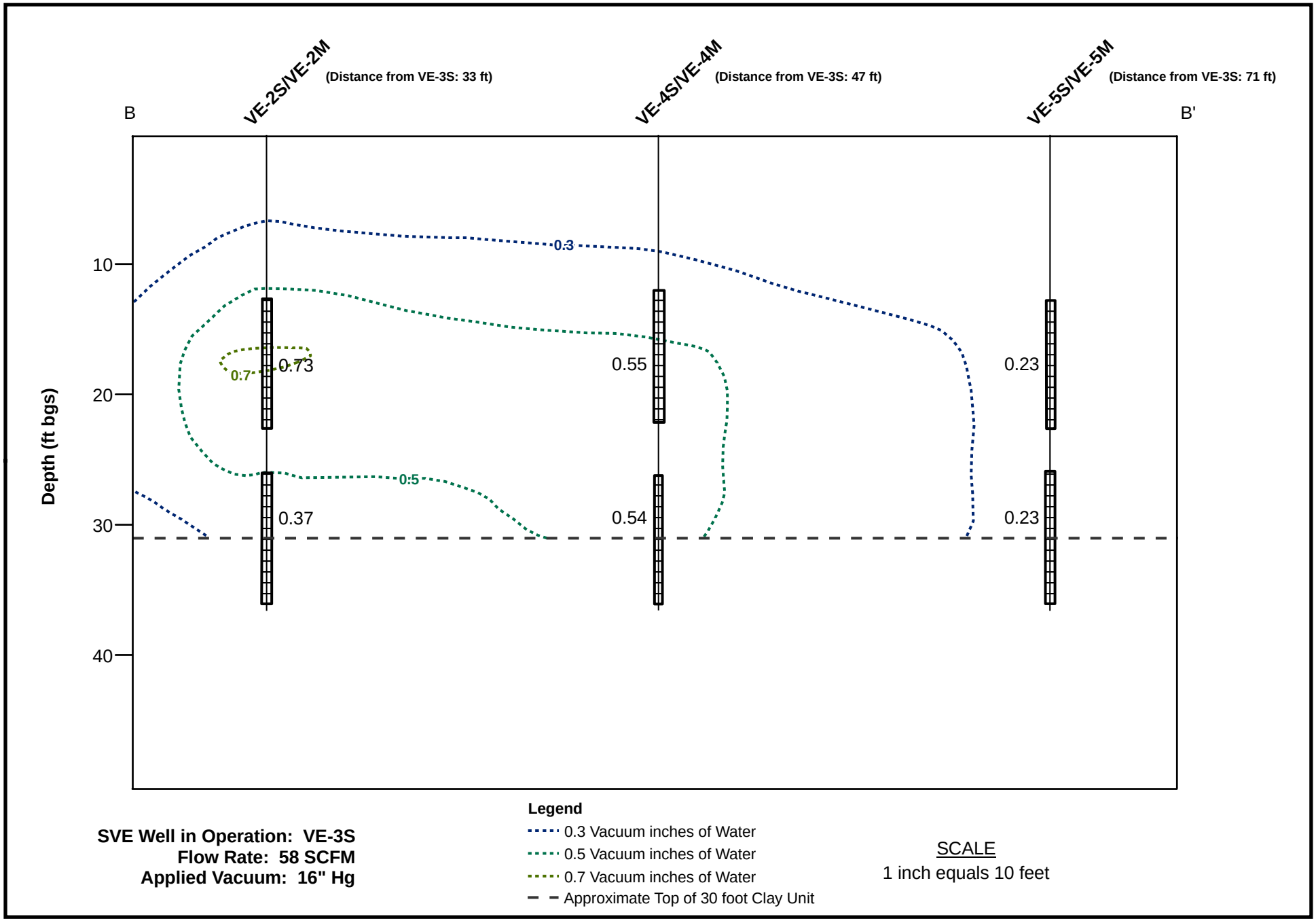
SVE Well in Operation: VE-3M
Flow Rate: 86 SCFM
Applied Vacuum: 12" Hg

Legend
- 0.3 Vacuum inches of Water
- 0.5 Vacuum inches of Water
- 0.7 Vacuum inches of Water
- Approximate Top of 30 foot Clay Unit

SCALE
1 inch equals 10 feet

CDM

Omega Chemical Super Fund Site
Cross Section B - B' - Wellhead VE-3M
Pilot Test Vacuum Distribution
Figure D-9



CDM

Omega Chemical Super Fund Site
Cross Section B - B' - Wellhead VE-3S
Pilot Test Vacuum Distribution
Figure D-10

Appendix E

Figure E-1
Omega Chemical Superfund Site - SVE Pilot Test
SVE Shallow Well System Influent Total VOC Concentrations

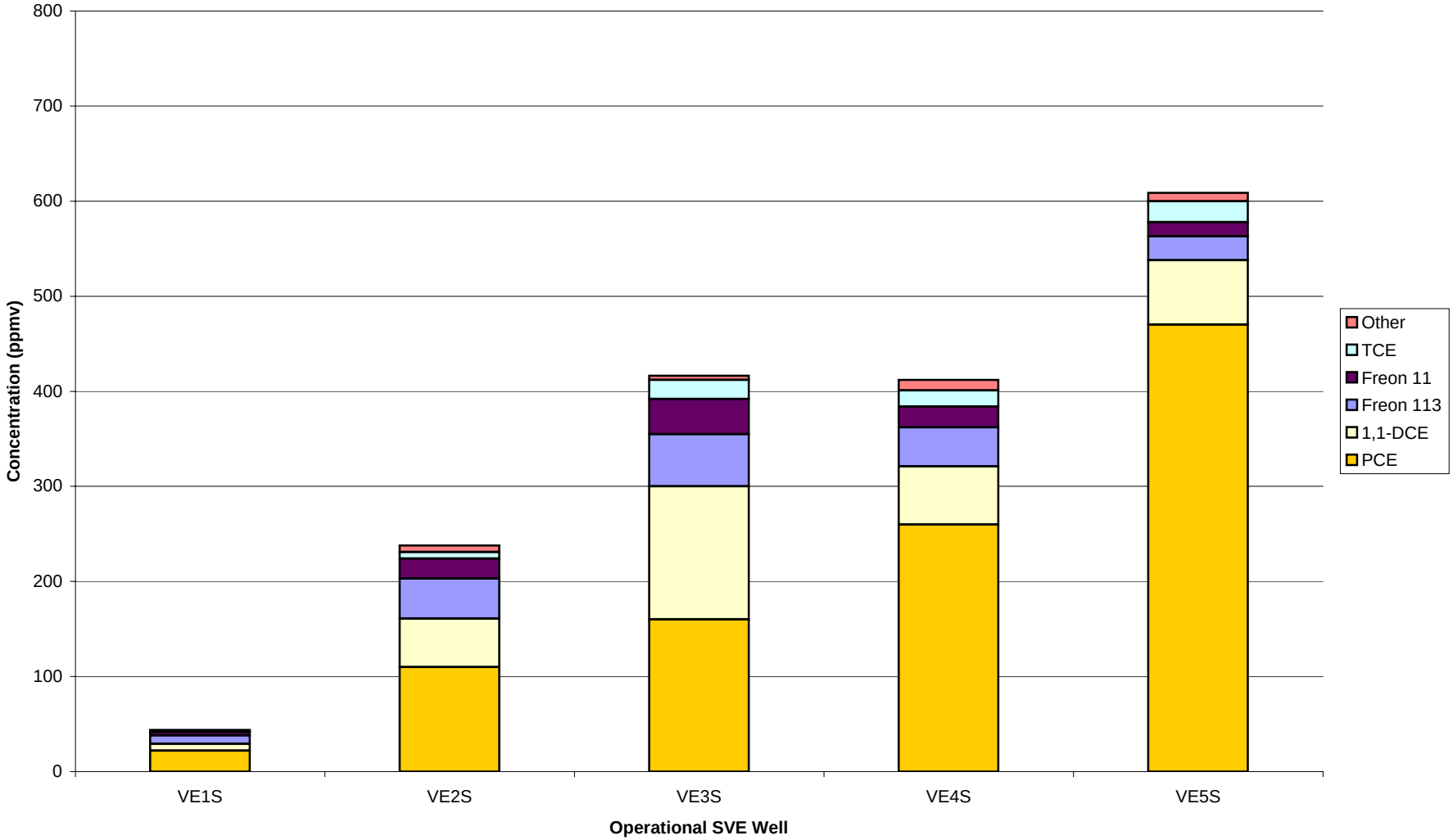


Figure E-2
Omega Chemical Superfund Site - SVE Pilot Test
SVE Medium Well System Influent Total VOC Concentrations

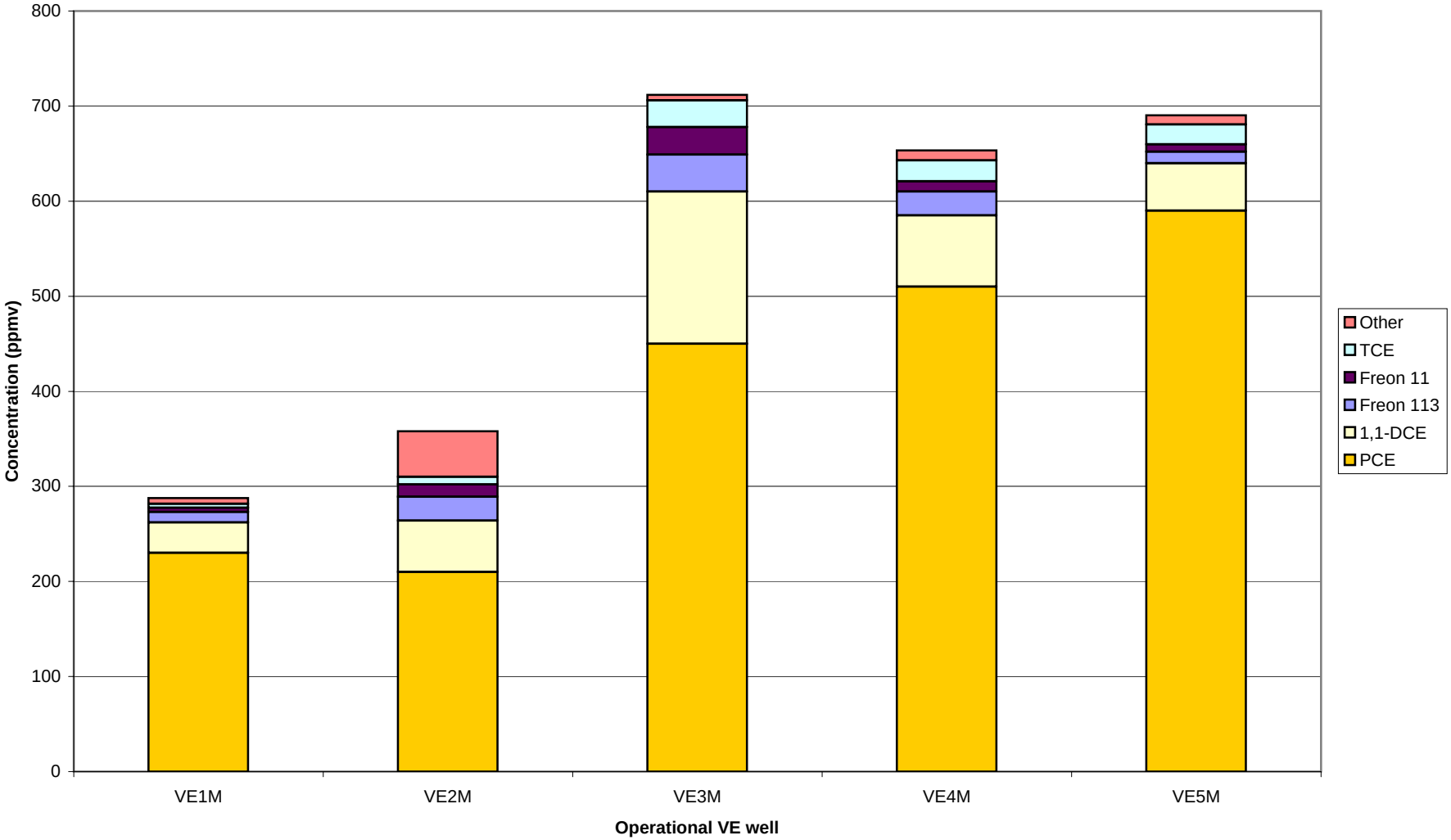
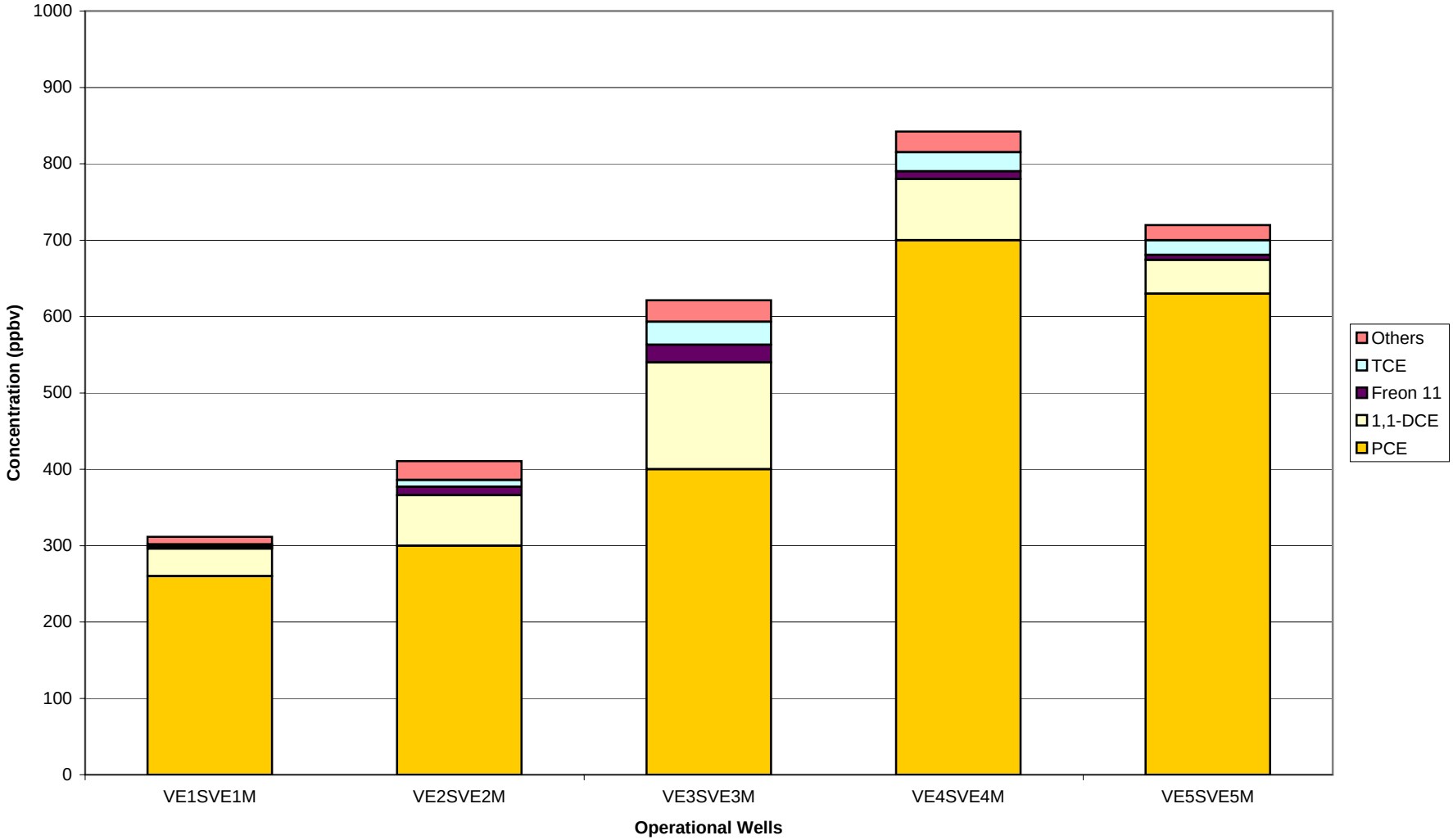



Figure E-3
Omega Chemical Superfund Site - SVE Pilot Test
Combination Test System Influent Total VOC Concentrations